VMware AirWatch System Settings Reference Manual for SaaS Customers

A comprehensive listing of AirWatch system settings

AirWatch v9.3

Have documentation feedback? Submit a Documentation Feedback support ticket using the Support Wizard on support.air-watch.com.

Revision Table

The following table displays revisions to this guide since the release of AirWatch v9.3.

Date	Reason
March 2018	Initial upload.

Table of Contents

Chapter 1:
Overview

Purpose

The purpose of this documentation is to provide high-level information on the system settings pages of the AirWatch Console. Where applicable, you can find references to additional documentation and the documents they are located in throughout this document. Some systems settings pages contain mostly legacy settings that are typically not configured or used. Where applicable, these are pointed out with a recommendation not to alter them unless instructed to do so by AirWatch – failure to do so may negatively impact your environment.

SaaS vs. On-Premises

There are two versions of this guide – one for SaaS and one for on premises. Ensure you are viewing the correct document that pertains to your AirWatch deployment. You are currently reading the SaaS version of the guide. Access these documents on AirWatch Resources.

Note the following distinction between on-premises and SaaS deployments:

- **On-premises** refers to AirWatch deployments where your organization hosts all AirWatch components and servers on its internal networks. AirWatch Administrators for on-premises deployments can see additional system settings, and System Administrators can see more still.

- **SaaS** refers to AirWatch deployments where certain AirWatch components, such as the Console and API servers, are hosted in the cloud. Console Administrators will be able to see the system settings that correlate to the SKUs their organization has purchased.

SKUs and Available Settings

While this section covers all of the available AirWatch settings, you may or may not see certain sections depending on the SKUs you have purchased. If you do not see a particular section or settings page in your AirWatch Console then you need to first purchase the SKU for that feature. Please see the AirWatch Pricing page (http://www.air-watch.com/pricing/) for additional information.

SaaS Console Administrator Roles

The default administrator role for SaaS Admins is Console Administrator. Depending on your environment, you may see some Admin settings in the system settings menu. However, since not all SaaS admin roles have access to these settings, we have hidden them here. If you want to see more details about a particular Admin settings page that you can see as a SaaS administrator, then please reference the on-premises version of this guide. However, note that you will not see all of the settings that are documented.

Chapter 2:
System

Getting Started

Branding

Enterprise Integration

VMware Tunnel

Security

Help

System / Getting Started

The Getting Started settings page lets you configure settings related to the Getting Started feature of the AirWatch Console.

> **Note:** This setting is only configurable at a Customer-level organization group.

Setting	Description
Getting Started Workspace ONE Status	Select to Enable or Disable (skip) the Workspace ONE section of the Getting Started wizard.
Getting Started Device Status	Select to Enable or Disable (skip) the Mobile Device Management section of the Getting Started wizard.
Getting Started Content Status	Select to Enable or Disable (skip) the Mobile Content Management section of the Getting Started wizard.
Getting Started Application Status	Select to Enable or Disable (skip) the Mobile Application Management section of the Getting Started wizard.

You can resume or skip any of these sections at any time by navigating to **Getting Started** in the navigation pane of the AirWatch Console.

System / Branding

The Branding settings page lets you configure settings related to the branding of the AirWatch Console. Change branding to reflect company colors or visually delineate specific organization groups.

Branding Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Company Logo	The logo that appears in the top-left of the console, the login splash page, and About AirWatch popup. The maximum resolution of the image is 800x300.
Login Page Background	The image that displays on the login page. The suggested resolution of the image is 1024x768.
Self-Service Portal Login Page Background	The image that displays on the self-service portal login splash page. The suggested resolution of the image is 1024x768.
Company Website URL	Selecting the company logo on the AirWatch site leads to this URL. If this setting is left blank, selecting the company logo leads to the admin home page.

Colors

Here you can set the color schemes for the AirWatch Console, with a mockup illustrating your changes.

vmware airwatch

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Custom CSS Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Custom CSS	Insert a cascading style sheet of your own custom design that will override the console defaults.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Enterprise Integration / Enterprise Integration Services

The Enterprise Integration Services settings page is used to configure the EIS component. Note that EIS has been upgraded into the VMware Enterprise Systems Connector and AirWatch Tunnel components. You will therefore not enable or configure EIS using this page if you are using either of those components. You may see a button to **Transfer Settings**, which lets you migrate your current EIS settings.

System / Enterprise Integration / Certificate Authorities

The Certificate Authorities (CA) settings page is used to configure integration with various certificate authorities. Rather than configure specific settings, it is here that you actually add a CA and create its request template. Available actions are listed below.

Certificate Authorities Tab

- Select the **Add** button to add a new CA.
- Select the **Edit** (pencil) icon for an existing CA to edit it.
- Select the **Delete** (X) icon for an existing CA to delete it.

Request Templates Tab

- Select the **Add** button to add a new request template.
- **Certificate Authority** – Select a CA from the drop-down list to view the request templates associated to it.

- Select the **Edit** (pencil) icon for an existing request template to edit it.

- Select the **Delete** (X) icon for an existing request template to delete it.

System / Enterprise Integration / VMware Enterprise Systems Connector

The VMware Enterprise Systems Connector settings page is used to configure the VMware Enterprise Systems Connector component. Note that if you already have EIS configured then you will need to disable it by unchecking its check box on the EIS settings page. You may see a button to **Transfer Settings**, which lets you migrate your current EIS settings.

System / Enterprise Integration / Directory Services

The directory services settings page lets you configure your directory service integration with AirWatch.

In addition to manually configuring the settings below, you can also select **Launch Setup Wizard** from the bottom of the page.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Server Tab

Setting	Description
LDAP	
Directory Type	Select the type of directory service that your organization uses. **Note:** AirWatch supports open source LDAP for directory services. For more information, see the following knowledgebase article: https://support.air-watch.com/resources/115001696028.
DNS SRV	Allow the Domain Name System Service Record to decide which server in its prioritized list of servers can best support LDAP requests. This feature ensures continuity of services in a high availability environment. The default setting is Disabled. With this option disabled, AirWatch uses your existing directory server, the address of which you enter in the Server setting. Supported DNS servers: • active directory integrated Microsoft DNS servers • standalone Microsoft DNS servers
Server	Enter the address of your directory server. This setting is only available when **Enable DNS SRV** is Disabled.
Encryption Type	Select the type of encryption to use for a directory services communication. The options available are **None** (unencrypted), **SSL**, and **Start TLS**.

Setting	Description
Port	Enter the Transmission Control Protocol (TCP) port used to communicate with the domain controller. The default for unencrypted LDAP directory service communication is port 389. Only SaaS environments allow SSL encrypted traffic using port 636. To view a KnowledgeBase article that lists the most up-to-date AirWatch SaaS data center IP ranges, refer to https://support.air-watch.com/articles/115001662168. • When you change the **Encryption Type** setting to **SSL**, the **Port** setting automatically changes to 636. • When you select the **Add Domain** button, the **Port** setting automatically changes to 3268.
Verify SSL Certificate	This setting is only available when the **Encryption Type** is **SSL** or **Start TLS**. Receive SSL errors by selecting the SSL check box.
Protocol Version	Select the version of the Lightweight Directory Access Protocol (LDAP) that is in use. Active Directory uses LDAP versions 2 or 3. If you are unsure of which Protocol Version to use, try the commonly used value of '3'.
Use Service Account Credentials	Use the App pool credentials from the server on which the VMware Enterprise Systems Connector is installed for authenticating with the domain controller. Enabling this option hides the **Bind user name** and **Bind Password** settings.
Bind Authentication Type	Select the type of bind authentication to enable the AirWatch server to communicate with the domain controller. You can select **Anonymous**, **Basic**, **Digest**, **Kerberos**, **NTLM**, or **GSS-NEGOTIATE**. If you are unsure of which Bind Authentication Type to use, try the commonly used GSS-NEGOTIATE. You will know if your selection is not correct when you click **Test Connection**.
Bind user name	Enter the credentials used to authenticate with the domain controller. This account (which the entered user name identifies) allows a read-access permission on your directory server and binds the connection when authenticating users. Clear the bind password from the database by selecting the **Clear Bind Password** check box.
Domain /Server	Enter the default domain and server name for any directory-based user accounts. If only one domain is used for all directory user accounts, fill in the text box with the domain. This entry means that users are authenticated without explicitly stating their domain. **Note:** You can add more domains by selecting the **Add Domain** option. In this case, AirWatch automatically changes the port setting to 3268 for global catalog. You may choose to change the port setting to 3269 for SSL encrypted traffic, or override it completely by entering a separate port.
Is there a trust relationship between all domains?	This setting is available only when you have more than one domain added. Select **Yes** if the binding account has permission to access other domains you have added. This added permission means that the binding account can successfully log in from more domains.

The following options are available after selecting the **Advanced** section drop-down.

Setting	Description
Advanced	
Search Subdomains	Enable subdomain searching to find nested users. Leaving this option disabled can make searches faster and avoids network issues. However, users and groups located in subdomains under the base Domain Name (DN) are not identified.
Connection Timeout	Enter the LDAP connection timeout value (in seconds).
Request Timeout	Enter the LDAP query request timeout value (in seconds).
Search without base DN	Enable this option when using a global catalog and when you do not want to require a base DN to search for users and groups.
Use Recursive OID at Enrollment	Verify user group membership at the time of enrollment. As the system runs this feature at enrollment time, your performance may decrease with some directories.
Use Recursive OID For Group Sync	Verify user group membership at the time of Group synchronization.
Object Identifier Data Type	Select the unique identifier that never changes for a user or group. The options available are **Binary** and **String**. Typically, the Object Identifier is in a **Binary** format.
Sort Control	Option to enable sorting. If this option is disabled, it can make searches faster and you can avoid sync timeouts.

Azure Active Directory

Select **Enabled** for **Use Azure AD for Identity Services** and follow the on-screen steps to setup integration with Azure Active Directory.

SAML 2.0

The following Security Assertion Markup Language (SAML) options are available after selecting **Use SAML for Authentication**, and are only applicable if you are integrating with a SAML identity provider.

Setting	Description
Enable SAML authentication for	You have the choice of using SAML authentication for **Admins**, **Users**, or **Both**.
Use new SAML Authentication endpoint	A new SAML authentication endpoint has been created for end-user authentication (device enrollment and login to SSP). This authentication replaces the two dedicated enrollment and SSP endpoints with a single endpoint. While you may choose to keep your existing settings, AirWatch suggests updating your SAML settings to take advantage of the new combined endpoint. If you want to use the new endpoint, enable this setting and save the page. Then use the **Export Service Provider Settings** to export the new metadata file and upload it to your IdP. Doing so establishes trust between the new endpoint and your IdP.

Setting	Description
SAML 2.0	
Import Identity Provider Settings	Upload a metadata file obtained from the identity provider. This file must be in Extensible Markup Language (XML) format.
Service Provider (AirWatch) ID	Enter the Uniform Resource Identifier (URI) with which AirWatch identifies itself to the identity provider. This string must match the ID that has been established as trusted by the identity provider.
Identity Provider ID	Enter the URI that the identity provider uses to identify itself. AirWatch checks authentication responses to verify that the identity matches the ID provided here.
REQUEST	
Request Binding Type	Select the binding types of the request. The options include **Redirect**, **POST**, and **Artifact**.
Identify Provider Single Sign On URL	Enter the identity provider's Uniform Resource Locator (URL) that AirWatch uses to send requests.
NameID Format	Enter the format in which the identity provider sends a NameID for an authenticated user. This value is not required as AirWatch obtains the user name from the FriendlyName "uid" required attribute.
Authentication Request Security	Select from the dropdown whether or not the Service Provider (AirWatch) signs the authentication requests. You can select **None**, **Sign Authentication Requests (SHA1)**, and **Sign Authentication Requests (SHA256)**. Consider selecting Sign Authentication Requests (SHA256) for a more secure authentication.
RESPONSE	
Response Binding Type	Select the binding types of the response. The options include **Redirect**, **POST**, and **Artifact**.
Sp Assertion URL	Enter the AirWatch URL that the identity provider configures to direct its authentication responses. "Assertions" regarding the authenticated user are included in success responses from the identity provider.
Authentication Response Security	This value specifies whether the IdP signs the response. You can select between **None**, **Validate Response Signatures**, and **Validate Assertions Signatures**. Consider selecting Validate Response Signatures for a more secure authentication.
CERTIFICATE	
Identity Provider Certificate	Upload the identity provider certificate.
Service Provider (AirWatch) Certificate	Upload the service provider certificate.
Export Service Provider Settings button	Exports the metadata file for uploading to your Identity Provider (IdP). This setting establishes trust between the new SAML endpoint (for enrollment and SSP login) and your IdP.

User Tab

Setting	Description
User Object Class	Enter the appropriate Object Class. In most cases, this value is "user."
User Search Filter	Enter the search parameter used to associate user accounts with Active Directory accounts. The suggested format is "<LDAPUserIdentifier>={EnrollmentUser}" where <LDAPUserIdentifier> is the parameter used on the directory services server to identify the specific user. • For AD servers, use "(&(objectCategory=person)(sAMAccountName={EnrollmentUser}))" exactly. • For other LDAP servers, use "CN={EnrollmentUser}" or "UID={EnrollmentUser}"

Advanced

Setting	Description
Auto Merge	Enable setting to allow user group updates from your directory service to merge with the associated users and groups in AirWatch automatically.
Automatically Set Disabled Users to Inactive	Select Enable to deactivate the associated user in AirWatch when that user is disabled in your LDAP directory service (for example, Novell e-Directory). • **Value For Disabled Status** – Enter a numeric value and select the type of Lightweight Directory Access Protocol (LDAP) attribute used to represent a user's status. Select "Flag Bit Match" if the user status is designated by a bitwise flag (which is the default for Active Directory). When "Flag Bit Match" is selected, if any bits from the property match the entered numeric value, then directory service considers the user to be disabled. This setting is only visible when the option **Automatically Set Disabled Users to Inactive** is checked. **Note:** If you select this option, then AirWatch administrators set as inactive in your directory service are not able to log in to the AirWatch Console. In addition, enrolled devices assigned to users who are set as inactive in your directory service are automatically unenrolled.
Enable Custom Attributes	Enable custom attributes. **Custom Attributes** is a section that appears under the main **Attribute** – **Mapping Value** table. You must scroll down to the bottom of the page to see the Custom Attributes.
Attributes	Review and edit the **Mapping Values** for the listed **Attributes**, if necessary. These columns show the mapping between AirWatch user attributes (left) and your directory service attributes (right). By default these attributes are values most commonly used in Active Directory (AD). Update these mapping values to reflect the values used for your own or other directory service types. If you add or remove a custom attribute, you should initiate a manual sync afterward by selecting the **Sync Attributes** button.
Sync Attributes button	Manually sync the attributes mapped here to the user records in AirWatch. Attributes sync automatically on the time schedule configured for the AirWatch environment.

Group Tab

Setting	Description
Group Object Class	Enter the appropriate Object Class. In most cases this value should be **group**.
Organizational Unit Object Class	Enter the appropriate Organizational User Object Class.

Show Advanced

Setting	Description
Group Search Filter	Enter the search parameter used to associate user groups with directory service accounts.
Auto Sync Default	Select this checkbox to automatically add or remove users in AirWatch configured user groups based on their membership in your directory service.
Auto Merge Default	Select this check box to automatically apply sync changes without administrative approval.
Maximum Allowable Changes	Enter the number of maximum allowable group membership changes to be merged into AirWatch. Any number of changes detected upon syncing with the directory service database under this number are automatically merged. If the number of changes exceed this threshold, an administrator must manually approve the changes before they are applied. A single change is defined by a user either leaving or joining a group. A setting of 100 Maximum Allowable Changes means the Console does not need to sync with your directory service as much.
Conditional Group Sync	Enable this option to sync group attributes only after changes occur in Active Directory. Disable this option to sync group attributes regularly, regardless of changes in Active Directory.
Auto-Update Friendly Name	When enabled, the friendly name is updated with group name changes made in active directory. When disabled, the friendly name can be customized so admins can tell the difference between user groups with identical common names. This can be useful if your implementation includes organizational unit (OU)-based user groups with the same common name.
Attribute	Review and edit the **Mapping Value** for the listed **Attribute**, if necessary. These columns show the mapping between AirWatch user attributes (left) and your directory service attributes (right). By default these attributes are values most commonly used in AD. Update these mapping values to reflect the values used for your own or other directory service types.

- **Test Connection** – Click this button to test your connection with your directory service endpoint.

- **Launch Setup Wizard** – Click this button to launch the directory service setup wizard, which walks you through configuring DS integration.

Limitations and Caveats

- No AD passwords are stored in the AirWatch database with the exception of the Bind account password used to link directory services into your AirWatch environment. That password is stored in encrypted form in the database and is

not accessible from the console.
Unique session keys are used for each sync connection to the Active Directory server.

- In some instances global catalogs are used to manage multiple domains or AD Forests. If you experience delays when searching for or authenticating users, this may be due to a complex directory structure. You can integrate directly with the global catalog to query multiple forests using one Lightweight Directory Access Protocol (LDAP) endpoint for better results.
  To do this, configure the following settings:

    - **Encryption Type** = None

    - **Port** = 3268

    - Verify that your firewall allows for this traffic on port 3268.

System / Enterprise Integration / Email (SMTP)

The Simple Mail Transfer Protocol (SMTP) is a protocol for sending email messages between servers. Configure the settings on this page if you are using this protocol for sending emails from the AirWatch Console to the enrolled device users.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Server	Enter the address of the SMTP server.
Enable SSL	Select to enable Secure Socket Layer security for the email communication.
Port	Enter the port value. The default port for SMTP server is 25.
Requires Credentials	Select to enable basic authentication for sending outgoing mails. Then, enter the Username and Password of an account that has the permission to send outgoing mails in the applicable fields.
Timeout in Seconds	Enter the time (in seconds) that the AirWatch server awaits response from the SMTP server after which the session expires.
Sender's Name	Enter the display name for the outgoing mails.
Sender's Email Address	Enter email address for sending outgoing mails.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

- **Test Connection** – Select this to check if AirWatch is able to communicate with the SMTP server that you have entered in the above field.

System / Enterprise Integration / VMware Tunnel / Configuration

The VMware Tunnel settings page is used to configure the VMware Tunnel component. Note that if you already have EIS configured then you need to disable it by unchecking its check box on the EIS settings page.

System / Enterprise Integration / Tunnel / Network Traffic Rules

The Network Traffic Rules settings page enables you to create traffic rules to control how the Per App Tunnel works on supported devices. The rules set on this page determine how the VMware Tunnel handles network traffic from configured Per App VPN mobile applications.

Traffic can be blocked from specified domains, tunneled through to your internal network, bypass your internal network, or directed to a proxy.

Device Traffic Rules

Settings	Descriptions
Default Action	Select the default action the VMware Tunnel app takes when the defined rules do not apply to the network traffic. The default action is always applied last. • Tunnel – All apps on the device configured for Per App VPN send network traffic through the tunnel. • Block – Blocks all apps on the device configured for Per App VPN from sending network traffic. • Bypass – All apps on the device configured for Per App VPN bypass the tunnel and connect to the Internet directly.
Add	Select **Add** to create a new rule.
Rank	Select the up or down arrows to rearrange the ranking of your network traffic rules. You can also select-and-drag the rule. The up and down arrows only display when you have more than one rule created.
Application	Select **Add** to add a triggering application for the network rule. This drop-down menu is populated with applications with Per App VPN enabled.
Action	Select the action from the drop-down menu that the VMware Tunnel app applies to all network traffic from the triggering app when the app launches. • Tunnel – Sends app network traffic through the tunnel to your internal network • Block – Blocks all traffic sent to specified domains. • Bypass – Bypasses the VMware Tunnel so the app attempts to access specified domains directly. • Proxy – Redirect traffic to specified HTTPS proxy for the listed domains. The proxy must be HTTPS and must be follow the correct format: https://example.com:port
Destination Hostname	Enter the hostname applicable to the action set for the rule. For example, enter all the domains to block traffic from accessing using the Block action.

Server Traffic Rules

Settings	Descriptions
Outbound Proxy	
Add	Select to add a third-party outbound proxy. You may add additional outbound proxies by selecting **Add** again.
Hostname	Enter the proxy hostname.
Port	Enter the port the third-party proxy uses to listen to the VMware Tunnel
Authentication	Select the proxy authentication method used. Selecting **Basic** or **Ntlm** displays the **Credential** text box.
Credentials	Enter the **Username** and **Password** for proxy authentication.
Network Rules	
Add	Select to add a server traffic rule.
Destination	Enter the destination hostname that triggers the traffic rule. Rules for a Windows 10 device must use IP address as the hostname. Windows 10 devices support using the following wildcards: 10.10.* 10.10.0.0/16 If you are entering multiple hostnames, separate them by commas. You can use regular expressions in the hostname.
Action	Select the action that the VMware Tunnel applies to server traffic for the destination hostname. - Bypass – Bypass the proxy and send all traffic directly to the destination hostname. - Proxy – Send server traffic through the outbound proxy. Selecting Proxy displays the Outbound Proxy menu.
Outbound Proxy	Select the Outbound proxy to handle server traffic for the destination hostname. If you select multiple outbound proxies, the proxies are used in a round-robin format. The proxies that populate this menu are those proxies added in the **Outbound Proxy Settings** section.

System / Enterprise Integration / Third Party Proxies

The Third Party Proxies settings page lets you configure an F5 or standard proxy for AirWatch Per App Tunnel functionality.

- If adding a proxy for AirWatch App Tunnel, fill out your proxy server's details and applicable authentication mode / certificates.

System / Enterprise Integration / Pull Service Installers

The Pull Service Installers setting page contains links to pull service installers that you can download and run for use in product provisioning. For more information about pull service installers and their function, please refer to one of the many AirWatch product provisioning platform guides, which includes QNX, Windows Rugged, Android Rugged, Windows 7 and macOS.

System / Enterprise Integration / SMS

Complete the fields on this page to enable AirWatch to communicate using SMS with mobile devices for purposes such as user or device activation messages.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
SMS	Select to enable AirWatch to send short message service (SMS) messages to supported devices.
Gateway Type	Select the SMS Gateway you would like to use. Settings may change based on your selection. Not all settings are documented below.
Nickname	Enter the nickname for the SMS Gateway Account.
Username	Enter the username used to authenticate the sender with the SMS provider.
Password	Enter the password to complete the authentication of the sender with the SMS provider.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Enterprise Integration / Syslog

The Syslog settings page lets you configure integration with a SIEM tool that leverages the syslog protocol to record system events.

Security Information and Event Management (SIEM) technology gathers information about security alerts generated by network hardware and software components. It centralizes this data and generates reports to help you monitor activity, perform log audits, and respond to incidents. AirWatch integrates with your SIEM tools by sending event logs using Syslog.

General Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Syslog Integration	Enable or disable syslog integration.
Host Name	Enter the URL for the SIEM tool in the **Host Name** field.
Protocol	Select the required protocol from the available options to send data. Support for TLS 1.0, 1.1, and 1.2 is provided.
Port	Enter the port number to communicate with the SIEM tool in the **Port** field.
Syslog Facility	Select the facility level for the feature from the **Syslog Facility** menu. The syslog protocol defines the syslog facility. The widespread use and manipulation of the syslog protocol can clutter the meaning of the syslog facility. However, it can roughly suggest from what part of a system a message originated and it can help distinguish different classes of messages. Some administrators use the syslog facility in rules to route parts of messages to different log files.
Message Tag	Enter a descriptive tag to identify events from the AirWatch Console in the **Message Tag** field. For example, "AirWatch".
Message Content	Enter the data to include in the transmission in the **Message Content** field. This is how the message data gets formatted when sent using syslog to your SIEM tool. Use lookup values to set the content. In case of Secure TCP, New line (CRLF) formatting using *Enter, \n, \r* does not work and gets automatically converted to *tab, \t* for secure TCP.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Advanced Tab

Setting	Description
Console Events	Select whether to enable or disable the reporting of Console events.
Select Console Events to Send to Syslog	Visible if you enable Console Events. For each sub-heading, select the specific events that you want to trigger a message to syslog. Use **Select All** or **Clear All** to select or unselect all the events all at once. To select or unselect specific events, enable or disable the checkboxes. Note: On enabling the **Console Events**, by default, all events under all categories of console events are selected.
Device Events	Select whether to enable or disable the reporting of Device events.

Setting	Description
Select Device Events to Send to Syslog	Visible if you enable Device Events. For each sub-heading, select the specific events that you want to trigger a message to syslog.
	Use **Select All** or **Clear All** to select or unselect all the events all at once. To select or unselect specific events, enable or disable the checkboxes.
	Note: On enabling the **Device Events**, by default, all events under all categories of device events are selected.

- **Test Connection** – Use the **Test Connection** button to ensure successful communication between the AirWatch Console and the SIEM tool.

System / Enterprise Integration / Video CDN

AirWatch Video works in conjunction with Wistia, a professional video hosting service. Videos that are uploaded to the AirWatch Console are sent securely to Wistia's content delivery network (CDN) to manage video storage and delivery. To get started with AirWatch Video, create a Wistia account to generate a token needed for API access. Finish configuring AirWatch Video by integrating these video CDN settings.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Video CDN	Select the content delivery network to manage video storage and delivery. Currently, AirWatch works with Wistia's services only.
Token	Enter the Wistia account token that was generated from the Wistia.com website.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

- **Test Connection** – Select this button to test the connection between the AirWatch Console and Wistia. A status message is displayed to confirm the connection.

System / Enterprise Integration / Remote Management

The Remote Management settings page lets you configure the Remote Management Server. This page is only used during the setup of the Remote Management Server.

The Remote Management Setup wizard simplifies the setup process.

System / Enterprise Integration / VMware Identity Manager

The VMware Identity Manager settings page is used to complete the VMware Identity Manager Configuration and Access Management.

Configuration

Access Management

System / Enterprise Integration / VMware Identity Manager/ Configuration

The VMware Identity Manager configuration setting is used to configure directory integration settings between your AirWatch instance and your Identity Manager instance. After binding the two together, Identity Manager can make API calls related to your directory service values. AirWatch customers must first deploy VMware Enterprise Systems Connector and set up directory service integration within the AirWatch Console. Then, you can use this settings page to push your directory configuration to Identity Manager. This functionality does not allow for AirWatch to receive directory changes from Identity Manager.

For more information, see Integrating VMware Identity Manager with Directory Services and Enable and Export AirWatch Certificate Authority.

For more information about integrating AirWatch with Identity Manager and deploying Workspace ONE with single sign-on to devices, see the Workspace ONE Quick Start Guide, available at https://docs.vmware.com/en/VMware-Identity-Manager/3.2/ws1_quickconfiguration.pdf.

System / Enterprise Integration / VMware Identity Manager/ Access Management

With Workspace ONE, you can easily control access to your catalog and applications. With VMware Identity Manager, you can configure authentication methods, identity provider instances, default access policy rules, and network ranges.

Every time a user attempts to log in, VMware Identity Manager evaluates the default access policy rules that you have set which determines the rules that must be applied. Authentication methods are always applied in the order that you have listed within the rule. The first identity provider instance that meets the authentication method and network range requirements of the rule is applied. The user authentication request is then forwarded to the identity provider instance for authentication. If the authentication fails, then the next configured authentication method in the rule is applied.

As an administrator, if you click **Access Management** without configuring the integration between the VMware Identity Manager and AirWatch, you are prompted to complete the configuration.

Click **Configure** to initiate the configuration. The Access management screen allows you to configure the **Authentication Methods**, **Identity Providers, and Access Policies** in the VMware Identity Manger.

1. Click **Authentication Methods** to configure user authentication in VMware Identity Manager. For more information, see **Managing Authentication Methods to Apply to Users** in https://docs.vmware.com/en/VMware-Identity-Manager/index.html.

2. Click **Identity Providers** to associate the authentication methods to use in the built-in identity provider. For more information, see **Using Built-in Identity Providers** in https://docs.vmware.com/en/VMware-Identity-Manager/index.html.

3. Click **Access Policies** to provide secure access to the users apps portal and to start Web and desktop applications. For more information, see **Managing Access Policies** in https://docs.vmware.com/en/VMware-Identity-Manager/index.html.

> **Note**: AirWatch and VMware Identity Manager use password-grant work flow that allows access to VMware Identity Manager from AirWatch with single sign-on (SSO). For more information, see Single Sign-On to VMware Identity Manager from AirWatch on page 23 .

Single Sign-On to VMware Identity Manager from AirWatch

AirWatch and VMware Identity Manager use password-grant work flow that allows access to VMware Identity Manager from AirWatch with single sign-on (SSO).

The configuration settings are in VMware Identity Manager and not in AirWatch. The exception to this process is configurations made in SaaS applications and access policies. For more information, see SSO Between AirWatch and VMware Identity Manager for SaaS Apps and Access Policies.

Requirements

The admin must have administrative roles in both AirWatch and VMware Identity Manager.

Workflow

VMware Identity Manager and AirWatch work in the back-end to authenticate the AirWatch admin to VMware Identity Manager. Admins authenticate to AirWatch with their usernames and passwords. This username and password triggers a request for an access token from VMware. After SSO is established, all configurations made in AirWatch are stored in VMware Identity Manager.
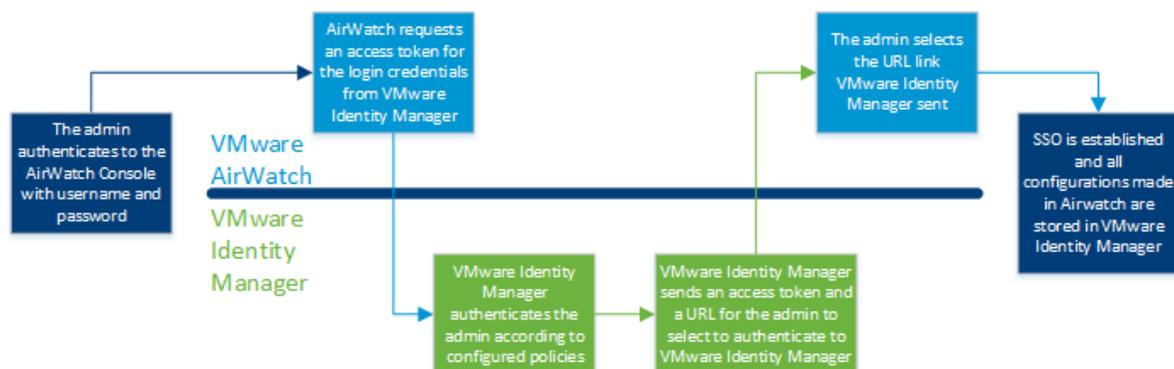
System / Security / Restricted Actions

The Restricted Actions settings page lets you configure security-minded settings related to the actions that administrators can perform in the AirWatch Console.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Send Message to All

- **Enabled** – Enable this setting to allow a System Administrator to send a message to all devices in your deployment from the Device List View.

Password Protect Admins

You can require that certain actions require admins to enter a PIN. For each action you choose to protect, select the appropriate **Password Protect Actions** button for **Enabled** or **Disabled** as appropriate. This provides you with granular control over which actions you want to make more secure.

> **Note:** Some actions always require a PIN and thus cannot be disabled. Denoted by * below.

You can set the maximum number of failed attempts the system accepts before automatically logging out the session. If you reach the set number of attempts, you need to re-login into the AirWatch Console and set a new security PIN.

Setting	Description
Admin Account Delete	Prevents the deletion of an admin user account in **Accounts > Administrators > List View**.
*Regenerate VMware Enterprise Systems Connector Certificate	Prevents the regeneration of the VMware Enterprise Systems Connector certificate in **Groups & Settings > All Settings > System > Enterprise Integration > VMware Enterprise Systems Connector**.
*APNs Certificate Change	Prevents the disabling of APNs for MDM in **Groups & Settings > All Settings > Devices & Users > Apple > APNs For MDM**.
Application Delete/Deactivate/Retire	Prevents the deletion, deactivation, or retirement of an application in **Apps & Books > Applications > List View**.
Content Delete/Deactivate	Prevents the deletion or deactivation of a content file in **Content > List View**.
*Data Encryption Toggle	Prevents the Encryption of user information setting in **Groups & Settings > All Settings > System > Security > Data Security**.
Device Delete	Prevents the deletion of a device in **Devices > List View**. Admin security PIN is still required for bulk actions even when this setting is disabled.
*Device Wipe	Prevents any attempt to perform a device wipe from the Device List View or Device Details screens.
Enterprise Reset	Prevents any attempt to perform an enterprise reset on a device from the **Devices Details** page of a Windows Rugged, Rugged Android, or QNX device.
Enterprise Wipe	Prevents any attempt to perform an enterprise wipe on a device from the **Devices Details** page of a device.
Enterprise Wipe (Based on User Group Membership Toggle)	Prevents any attempt to perform an enterprise wipe on a device when it is removed from a user group. This is an optional setting that you can configure under **Groups & Settings > All Settings > Devices & Users > General > Enrollment** on the **Restrictions** tab. If you **Restrict Enrollment to Configured Groups** on this tab, you then have the added option of performing an enterprise wipe a device when it is removed from a group.

Setting	Description
*Organization Group Delete	Prevents any attempt to delete the current organization group from **Groups & Settings > Groups > Organization Groups > Organization Group Details**.
Profile Delete/Deactivate	Prevents any attempt to delete or deactivate a profile from **Devices > Profiles & Resources > Profiles**.
Provisioning Product Delete	Prevents any attempt to delete a provisioning product from **Devices > Staging & Provisioning > Products List View**.
Revoke Certificate	Prevents any attempt to revoke a certificate from **Devices > Certificates > List View**.
*Secure Channel Certificate Clear	Protects from any attempt to clear an existing secure channel certificate from **Groups & Settings > All Settings > System > Advanced > Secure Channel Certificate**.
User Account Delete	Prevents any attempt to delete a user account from **Accounts > Users > List View**.
Change in Privacy Settings	Prevents any attempt to alter the privacy settings in **Groups & Settings > All Settings > Devices & Users > General > Privacy**.
Delete Telecom Plan	Prevents the deletion of a telecom plan in **Telecom > Plan List**.
Override Job Log Level	Prevents attempts to override the currently-selected job log level from **Groups & Settings > Admin > Diagnostics > Logging**. Overriding the Job Log Level is useful when a device or group of devices is having an issue. In this case, the admin can override those device settings by forcing an elevated log level to Verbose, which logs the maximum level of console activity, making it ideal for troubleshooting.
*App Scan Vendor Reset/Toggle	Prevents the resetting (and subsequent wiping) of your app scan integration settings. This action is performed in **Groups & Settings > All Settings > Apps > App Scan**.
Shut Down	Prevents any attempt to shut down the device in **Devices > List View > Device Details**.
Maximum invalid PIN attempts	Defines the maximum number of invalid attempts at entering a PIN before the console locks down. This setting must be between 1 and 5.

Required Notes for Action

You can also require admins to enter notes using the **Require Notes** check box and explain their reasoning when performing these actions.

Setting	Description
Lock Device	Require a note for any attempt to lock a device from **Device List View** or **Device Details**.
Lock SSO	Require a note for any attempt to lock an SSO session from **Device List View** or **Device Details**.
Device Wipe	Require a note for any attempt to perform a device wipe from **Device List View** or **Device Details**.
Enterprise Reset	Require a note for any attempt to enterprise reset a device from the **Device Details** page of a Windows Rugged or Rugged Android device.
Enterprise Wipe	Require a note for any attempt to perform an enterprise wipe from **Device Details**.
Override Job Log Level	Require a note prior to attempts to override the default job log level from **Groups & Settings > Admin > Diagnostics > Logging**.

Setting	Description
Reboot Device	Require a note prior to a reboot attempt from **Devices > List View > Device Details**.
Shut Down	Require a note prior to a shut down attempt from **Devices > List View > Device Details**.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Security / Data Security

The Data Security settings page lets you encrypt user information to further secure your user data, which includes an end user's first name, last name, email, and phone number. Enabling this feature limits some AirWatch functionality, such as search, sort and filter. Consider the implications carefully before enabling this feature.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Encrypt User Information	Select **Enabled** and then select each user data field you would like to encrypt. Encrypting a field means it will not display in other parts of the AirWatch Console. However, doing so also disables search, sort and filter on the items selected.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Security / SSL Pinning

The SSL Pinning settings page is where you can add domains of AirWatch Device Services and auxiliary components, which can help prevent man-in-the-middle (MITM) attacks by enabling an additional layer of trust between the listed hosts and devices. The certificates and domains you add here serve as a trusted form of validation that functions in addition to the standard certificate check a device performs against an AirWatch component server. When devices establish sessions with your AirWatch component servers, they also check the certificate against this stored certificate to guard against MITM attacks.

When you first navigate to this page, the Device Services site URL displays. However, no certificate data is present until you upload a certificate.

> **Important:** The SSL pinning feature is only functional if it is used in conjunction with an AirWatch application that supports certificate pinning.

Setting	Description
On/Off	Enable or disable pinning using this switch. If you turn pinning from on to off, it terminates all pinning at the current organization group and all the child organization groups underneath it.
Upload (under Device Services)	Select this button in the Device Services section of the page to add the Hostname and upload the certificate used for validation. If you have load-balanced Device Services servers, you also need to upload the certificates for each server. You will not see this button if you already have a device services certificate populated.
Sync	After uploading your Device Services certificate, you need to select **Sync** to initiate pinning. After, the sync status changes to a green color to indicate pinning was successful and the page should display your synced pin list.
Add Host (under auxiliary)	Select to add auxiliary components other than Device Services that you also want to enable pinning for. On the Add Pinned Host dialog, enter the following: • **Host –** Enter the fully qualified domain name of the host. • **Required –** Select to require the certificate pin to be pinned at all child organization groups and prevent it from being disabled or modified by child organization group administrators.
Upload (under auxiliary)	Select to upload the certificate used for validation for each of your auxiliary components.

System / Help

The Help settings page lets you configure the help settings for the AirWatch Console.

Setting	Description
Enable Help	Enable or disable the help icon to access help in the upper right corner of the AirWatch Console.
Help Skin Name	The name of the help skin name. This value should be left as-is.

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Localization / Language Activation

The Language Activation page allows administrators to offer localized interaction with the AirWatch console through the use of globalized message templates, EULAs and more. This allows administrators to offer a tailored, global experience to all of their users, regardless of language preference or location. Enable the desired languages, then assign it as the default locale of an organization group for all users to see content in that language by default.

System / Localization / Localization Editor

The **Localization Editor** allows administrators to personalize UI text in the system to match internal word choice or regional preferences for all users.

Use the Override option to ensure that corporate language, such as specific technical operations or company structure, are displayed instead of default values in the AirWatch Console.

System / Peripherals / Print Server

The Print Server settings page lets you configure several options related to the management of printers connected to your AirWatch environment. For additional information on the various supported printers, please refer to AirWatch Resources.

The following settings display after you select **Add Printer Server.**

Setting	Description
HMAC Token	The HMAC key is auto-generated and will be used to associate the print server to the appropriate organization group in AirWatch. This key will need to be entered into the relevant Print Server configuration file.
User Id	Select the appropriate enrollment user that will be associated to the Print Server. This user is typically an AirWatch Administrator and may be associated to multiple Print Servers.
Service Uid	Enter the ID of the print server which identifies it uniquely.

System / Report Subscriptions

The **Report Subscriptions** system setting is simply a listing of the Reports you can subscribe to through the Hub. Navigate to the Report Listing using **Hub > Reports & Analytics > Reports > List View**.

When you select the **Subscribe** button on one or more reports in the listing, you elect to receive this report daily, weekly, monthly, or just a single occurrence. You may also optionally include other email addresses in the subscription.

Once you have subscribed to one or more reports in the **Hub**, you will be able to view these reports listed in **System > Reports & Alerts > Report Subscriptions**. You are also able to edit the subscription details such as:

- Organization Groups
- Date
- Recurrence
- Role
- User
- Optional Email Addresses
- Distribution List

System / Terms of Use

The Terms of Use settings page lets you configure terms of use for the AirWatch Console, enrollment, and apps.

Ensure that all users with managed devices agree to the policy by defining and enforce terms of use (TOU). If necessary, users must accept the TOU before proceeding with enrollment, installing apps, or accessing the AirWatch Console. The AirWatch Console allows you to customize fully and assign a unique TOU to each organization group and child organization group.

System / S/MIME

S/MIME (Secure Multi-Purpose Internet Mail Extensions) is a secure method of sending email. This protocol allows to encrypt emails and digitally sign them, thus allowing the receiver to be certain that the message received is exact and has been sent by a specific sender.

> For more information about S/MIME encryption, see the following KB article: https://support.air-watch.com/articles/115001675728.

Configure the below settings to enable S/MIME and deploy it on devices through profiles.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Retain S/MIME Certificate	Select to retain and enable S/MIME certificate deployment through the profile.
Temporary S/MIME Retention Period (hours)	Enter time (in hours) to retain the S/MIME certificate only for a limited duration.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Advanced / Agent URLs

This page is used to specify your AirWatch Agent schema and default URLs referenced during the enrollment process to obtain the Agent. These settings typically do not need to be modified.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Public Store URLs

Setting	Description
iOS Public App Store URL	App Store URL that is used when downloading the iOS Agent during the enrollment process.
Android Public App Store URL	Google Play store URL that is used when downloading the Android Agent during the enrollment process.

Agent Schema

Setting	Description
iOS Agent Schema	Handler used to identify the iOS Agent that will be opened during enrollment.
Android Agent Schema	Handler used to identify the Android Agent that will be opened during enrollment.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Advanced / API / Event Notifications

The Event Notification setting page is used to configure the settings for event notifications to capture specific device-related events in real time. AirWatch event notifications use HTTP URLs and the basic user method of authentication. AirWatch supports notifications for specific events using Webhooks/Event Notification.

Webhooks are HTTP callbacks, sent to the URL of the user's choosing whenever the specified event occurs. The user provides the URL as the callback destination after subscribing to the particular event. Additionally, because callbacks are returned to the specified URL every time an applicable event occurs, the user does not need to regularly poll the server for event information.

Event notification are configured for the following events:

- Device Enrollment – Agent and Workspace

- Device Unenrolled Enterprise Wipe

- Device Wipe

- Device Compliance Status Change

- Device Compromised Status Change

- Device Attribute Change

  - Asset Number

  - Device Friendly Name

  - Organization Group

- ○ User Email Address

- ○ Ownership

- ○ Operating System

- ○ Phone Number

- ○ Device MCC

For more information on detailed configuration part, refer to **VMware AirWatch API Event Notification Guide**, available on AirWatch Resources.

System / Advanced / API / REST

APIs require authentication to integrate with AirWatch. Prior to authentication, API access must be enabled in the AirWatch Console. This page is used to configure the settings required for REST APIs. For more information refer to the **VMware AirWatch REST API Guide** available on AirWatch Resources.

General Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable API Access	Select Enable API Access for APIs to integrate with AirWatch. APIs get authenticated (either basic authentication or directory authentication) to integrate AirWatch only if this check box is enabled.
Add	Select **Add** to add/or generate multiple API keys. • **Service** – Enter one or multiple service(s) and generate their own independent API keys. • **Account Type** – Select the type of the account. To access Personal Content APIs (MCM APIs), select the Account type as **Enrollment User**. • **Description** – Enter short description for the service and generated API key. • **Whitelisted Domains** – Enter domains that can interact with AirWatch APIs via API key.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Authentication Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Basic	Select basic access for authentication using basic credentials (username and password). Credentials only exist in AirWatch and do not necessarily match the existing corporate credentials. It requires no technical integration and no enterprise infrastructure.
Certificates	Certificate-based API authentication is utilized to provide the API access to the admin users. Utilizing this method, a self-signed, user-level API certificate must be generated from the AirWatch Console.
Directory	Select directory access of authentication if you want to integrate user and admin accounts of AirWatch with existing corporate accounts. End users now authenticate with existing corporate credentials.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Advanced Tab

The Advanced tab gives you the option of setting API call limits at Customer-level organization groups. When you select a Customer-level organization group and assign an API call limit, all other organization groups default to the original call limit settings. If you are configuring your API call limits for the first time, configure the Global setting before you configure Customer-level settings.

You can configure API Call settings for multiple child groups.

Setting	Description
Child Location Group ID	Select the organization group you want to set API call limits for. The organization groups listed are those with REST API access enabled and that have an API key associated. When you select an organization group, the Server Throttling and Daily Quota values update to reflect the values assigned to that organization group.
Server Throttling	Set the server bandwidth throttling (calls per minute). When server reaches the specified throttling limit, it offloads new requests and does not respond to them. The maximum value available is 25,000. If you set the calls-per-minute to 0, API calls will be unlimited.
Daily Quota	Set the number of API calls to be sent per day. The maximum value available is 2,000,000,000 (2 billion). If you set the calls-per-day to 0, API calls will be unlimited.

Select Save when you finish configuring API Call Limits for each organization group.

System / Advanced / API / SOAP

This page is used to configure the settings required for SOAP APIs. For more information, refer to the **VMware AirWatch SOAP API Guide** available on AirWatch Resources.

Setting	Description
Subject	Enter the name of the individual , computer, device, or certificate authority to whom the certificate is issued.

Setting	Description
Thumbprint	The thumbprint of API certificate.
Date Issued	The date certificate was last created.
Clear Client Certificate	Click to clear the existing certificate and its data.
Export Client Certificate	Click to download and store the certificate in **.P12** format.

System / Advanced / Device Root Certificate

The Device Root Certificate settings page contains information for the certificate of the same name, which is used to authenticate SDK-enabled apps that require certificate-based authentication.

System / Advanced / Secure Channel Certificate

The Secure Channel Certificate settings page lets you configure options related to the certificate of the same name.

For SaaS customers, the Secure Channel Certificate is configured by AirWatch, so you do not need to install it from this page. You can configure the settings for blocking non-secure channel device access.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Block Non-Secure Channel Device Access

Select a check box next to each of the platforms with which you want to enforce communication with the AirWatch Console over a secure channel.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Advanced / Service URLs

The **Service URLs** settings page is the place you define your Identity Management Provider (IdM) to AirWatch.

The IdM describes the management of individual identities, their authentication, authorization, roles and privileges within or across system and enterprise boundaries with the goal of increasing security and productivity while decreasing cost, downtime, and repetitive tasks.

There can only be one IdM per organization group and when the **Override** setting is enabled, the Identity Management Provider for each nested OG in your AirWatch deployment can be unique. This means you may have several IdMs to keep track of.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Identity Management Provider

Setting	Description
Name	Enter the name of the Identity Management Provider. This field is required.
URL	Enter the URL of the Identity Management Provider. This field is required.
Username	Enter the username with which the Identity Management Provider can identify you.
Password	Enter the password with which the Identity Management Provider will authenticate you.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

System / Advanced / Site URLs

The Site URLs settings page lists the endpoints of the various components that comprise the AirWatch solution.

Typically, the settings on this page never change, and you should not alter them unless instructed to do so by AirWatch.

Certain functionality, such as the Remote Tunnel Server for rugged devices and App Wrapping for your internal apps, can be enabled on this page.

System / Advanced / Query String Authentication

The **Query String Authentication** system settings page lets you configure the settings that allow AirWatch to communicate with the query string authentication provider. A query string authentication provider is a non-SAML service that allows users to log in to a web portal and from there select a web service or application and automatically be authenticated and signed in without having to re-enter their credentials.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Query String Authentication	Select to enable the feature.

Setting	Description
Parameter Name	Enter the query string parameter name in the Parameter Name field. This must be a single value – multiple parameter names are not supported. This is the value that AirWatch uses to recognize the login request. This parameter name comes from your query string authentication provider. Consult your authentication provider for instructions on retrieving this information.
Session Validation URL	Enter the URL of the query string authentication provider instance. It is used for session validation and administrator account details retrieval. If needed, you can include a port number for network traffic as part of the URL.

An example of the login request to the AirWatch Console would be:

https://acme.mdm.com/login?<Parameter>=<session_ID>, where acme.mdm.com is the URL of your AirWatch Console, <Parameter> is the parameter name, and <session_ID> is the session ID passed from the query string authentication provider to AirWatch for authentication.

Chapter 3:
Devices & Users

Windows 7

Windows Desktop

Advanced

Devices & Users / General / Enrollment

The Enrollment settings page lets you configure several options related to device and user enrollment. It is divided into several tabs, which are detailed below.

Authentication Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Add Email Domain	This button is used for setting up the AirWatch Auto-Discovery Service to associate your email domain to your environment. 💡 For steps on how to register and verify your email domain with the AirWatch AutoDiscovery Service, please see the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001665028.
Authentication Mode(s)	Select the allowed authentication types, which include: • **Basic** – Basic user accounts (ones you create manually in the AirWatch Console) can enroll. • **Directory** – Directory user accounts (ones that you have imported or allowed using directory service integration) can enroll. Directory users, with or without SAML, are supported by Workspace ONE Direct Enrollment. • **Authentication Proxy** – Allows users to enroll using Authentication Proxy user accounts. Users will authenticate to a web endpoint.
Devices Enrollment Mode	Select the preferred device enrollment mode, which includes: • **Open Enrollment** – Essentially allows anyone meeting the other enrollment criteria (authentication mode, restrictions, etc.) to enroll. Open enrollment is supported by Workspace ONE Direct Enrollment. • **Registered Devices Only** – Only allowed users to enroll using devices you or they have registered. Device registration is the process of adding corporate devices to the AirWatch Console before they are enrolled. For more information on registering devices, refer to the Enrollment section of the **VMware AirWatch Mobile Device Management Guide**. Allowing only registered devices to enroll is supported by Workspace ONE Direct Enrollment but only if registration tokens are not required.
Require Registration Token	Visible only when **Registered Devices Only** is selected. If you restrict enrollment to registered devices only, you also have the option of requiring a registration token to be used for enrollment. This increases security by confirming that a particular user is authorized to enroll. You can send an email or SMS message with the enrollment token attached to users with AirWatch accounts..

Setting	Description
Require Agent Enrollment for iOS	Select this check box to require iOS device users to download and install the Agent before they can enroll.
Require Agent Enrollment for macOS	Select this check box to require macOS device users to download and install the Agent before they can enroll.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Terms of Use Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Require Enrollment Terms of Use Acceptance	Require that end users accept an end user license agreement (terms of service) at some point during the enrollment process. Terms of use is fully supported by Workspace ONE Direct Enrollment.
Add New Enrollment Terms of Use	Click this button to open the Terms of Use dialog, where you can quickly create a custom enrollment terms of use message. For more information on creating an enrollment terms of use, please see the Terms of Use section of the **VMware AirWatch Mobile Device Management Guide**, available on AirWatch Resources.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Grouping Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Group ID Assignment Mode	All assignment modes are supported by Workspace ONE Direct Enrollment. • **Default** – Select this option if users are provided with Group IDs for enrollment. The Group ID used determines what organization group the user is assigned to. • **Prompt User to Select Group ID** – Enable this option to allow directory service users to select a Group ID from a list upon enrollment. The **Group ID Assignment** section lists available organization groups and their associated Group IDs. This listing does not require you to perform group assignment mapping, but does mean users have the potential to select an incorrect Group ID. • **Automatically Select Based on User Group** – This option only applies if you are integrating with user groups. Enable this option to ensure that users are automatically assigned to organization groups based on their directory service group assignments. The **Group Assignment Settings** section lists all the organization groups for the environment and their associated directory service user groups. Select the **Edit Group Assignment** button to modify the organization group/user group associations and set the rank of precedence each group has. For example, you have three groups, Executive, Sales, and Global, which are ranked in order of job role. Everyone is a member of Global, so if you were to rank that user group first, it puts all your users into a single organization group. By ranking Executives first instead, you ensure the few number of people belonging to that group are placed in their own organization group. By ranking Sales second, you ensure that all Sales employees are placed in an organization group specific to sales. Ranking Global third means anyone not already assigned to a group is placed in a separate organization group.

Default

Setting	Description
Default Device Ownership	Select the default Device Ownership of devices enrollment into the current organization group. Setting a default device ownership is supported by Workspace ONE Direct Enrollment.
Default Role	Select the default roles assigned to users at the current organization group, which can affect access to the Self-Service Portal. Setting a default role is supported by Workspace ONE Direct Enrollment.
Default Action for Inactive Users	Select the default action that will impact Active Directory users if their devices become inactive. Setting a defualt action for inactive users is supported by Workspace ONE Direct Enrollment.

User Group Sync

Setting	Description
Sync User Groups in Real Time for Workspace ONE	When enabled, Workspace ONE syncs user groups for a given user as they register with the AirWatch console. This should only be enabled if user groups change frequently, thereby negatively impacting performance.

User Role Mapping

Setting	Description
Enable Directory Group-Based Mapping	Check this box to enable ranked assignments that link a directory user group to a specific AirWatch role. Users belonging to a particular group will be assigned the associated roles. If they belong to more than one group they will take the highest ranked pairing.
	You can edit the order in which role-infused user groups are ranked by selecting the **Edit assignment** button.
	This option is supported by Workspace ONE Direct Enrollment.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Restrictions Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Enrollment Restrictions

Setting	Description
User Access Control	All user access control options are supported by Workspace ONE Direct Enrollment.
	Restrict Enrollment to Known Users – Enable to restrict enrollment only to users that already exist in the AirWatch Console. This applies to directory users you manually added to the AirWatch Console one by one or through batch import. It can also be used to lock down enrollment after an initial deployment that allowed anyone to enroll. This enables you to selectively allow users to enroll.
	Disable this option to allow all directory users who do not already exist in the Admin Console to enroll into AirWatch. AirWatch user accounts are automatically created during enrollment.
	Restrict Enrollment to Configured Groups – Enable to restrict enrollment and only allow users belonging to All Groups or Selected Groups (if you have integrated with user groups) to enroll devices. You should not select this option if you have not integrated with your directory services user groups.
	Disable this option to allow all directory users to create new AirWatch user accounts during enrollment. In addition, you can select the **Enterprise Wipe devices of users that are removed from configured groups** option to automatically enterprise wipe any devices **not** belonging to any user group (if **All Groups** is selected) or a particular user group (if **Selected Groups** is selected).
	One option for integrating with user groups is to create an "MDM Approved" directory service group, import it to AirWatch, then add existing directory service user groups to the "MDM Approved" group as they become eligible for AirWatch MDM.
Set limit for maximum enrolled devices at this OG and below	Enable and **Enter Device Limit** to limit the number of devices allowed to enroll in the current organization group (OG).
	Setting a maximum enrolled devices is supported by Workspace ONE Direct Enrollment.

Policy Settings

- **Add Policy** – Click this button to add an enrollment restriction policy, which lets you define allowed ownership types, enrollment types, device limits, and more.

Setting	Description
Enrollment Restriction Policy Name	Enter a name for your enrollment restriction policy.
Organization Group	Choose an organization group from the drop-down field. This is the OG to which your new enrollment restriction policy applies.
Policy Type	Select the type of enrollment restriction policy, which can be either **Organization Group Default** to apply to the selected organization group, or **User Group Policy** for specific User Groups through Group Assignment Settings on the **Restrictions** tab.
Allowed Ownership Types	Choose whether to permit or prevent **Corporate - Dedicated**, **Corporate - Shared**, and **Employee Owned** devices. Workspace ONE Direct Enrollment only supports the ownership types Corporate Dedicated and Employee Owned.
Allowed Enrollment Types	Choose whether to permit or prevent the enrollment of devices using **MDM** (AirWatch Agent) and AirWatch **Container** (for iOS/Android) apps.
Device Limit per User	Select **Unlimited** to allow users to enroll as many devices as they want. Setting a device limit per user is supported by Workspace ONE Direct Enrollment. Uncheck this box to enter values for the **Device Limit Per User** section, to define the maximum number of devices per ownership type. ○ **Maximum Devices Per User** ○ **Shared Max Devices** ○ **Corporate Max Devices** ○ **Employee Owned Max Devices**
Allowed Device Types	Select the **Limit enrollment to specific platforms, models or operating systems** checkbox to add additional device-specific restrictions. This option is supported by Workspace ONE Direct Enrollment.

Setting	Description
Device Level Restrictions Mode	This field is only available if **Limit enrollment to specific platforms, models or operating systems** is selected in the **Allowed Device Types** field. Determine the kind of device limitations you should have. ○ **Only allow listed device types (Whitelist)** – Select this option to explicitly allow only devices matching the parameters you enter and to block everything else. ○ **Block listed device types (Blacklist)** – Select this option to explicitly block devices matching the parameters you enter and to allow everything else. For either device-level restrictions mode, select **Add Device Restriction** to choose a **Platform**, **Model**, **Manufacturer** (specific to Android devices), **Operating System**, or **Enterprise Version**. You may also add a **Device Limit** per defined device restriction. You may add multiple device restrictions. You can also block specific devices based on their IMEI, Serial Number or UDID by navigating to **Devices > Lifecycle > Enrollment Status** and selecting **Add**. This is an effective way to block a single device and prevent it from re-enrolling without affecting other users' devices. Preventing re-enrollment is also available as an option when performing an Enterprise Wipe. This option is supported by Workspace ONE Direct Enrollment.

Management Requirements for Workspace ONE

Require MDM for Workspace ONE - Enable this feature and set the applicable devices to receive an MDM profile and to get managed when they enroll through Workspace ONE. For detailed information about this feature, see Enable Direct Enrollment for Workspace ONE.

Group Assignment Settings

- **Edit Group Policies** – This button enables you to configure ranked assignments that link a directory user group to a specific AirWatch enrollment restriction policy. Users belonging to a particular group must adhere to the associated restriction policy. If they belong to more than one group they will take the highest ranked pairing.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Optional Prompt Tab

The optional prompt settings let you configure various prompts that you set to display or not display during device enrollment. These optional prompts are web-based and are therefore cross-platform unless otherwise specified.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Prompt for Device Ownership Type	You can prompt the end user to select their device ownership type. Otherwise, configure a default device ownership type for the current organization group. This option is supported by Workspace ONE Direct Enrollment.
Display Welcome Message	You can display a welcome message for your users early in the device enrollment process. You may configure both the header and the body of this welcome message by navigating to **System > Localization > Localization Editor**. Next, select the labels 'EnrollmentWelcomeMessageHeader' and 'EnrollmentWelcomeMessageBody' respectively.
Display MDM Installation Message	You can display a message for your users during the device enrollment process. You can configure both the header and the body of this MDM installation message by navigating to **System > Localization > Localization Editor**. Next, select the labels 'EnrollmentMdmInstallationMessageHeader' and 'EnrollmentMdmInstallationMessageBody' respectively. If you choose to customize your own header and body messages using the Localization Editor, you must opt to 'Override' in the **Current Setting** option. Doing so ensures that your customizations are used instead of the default messages. In addition to making one-off localization changes, you can also make localization changes in bulk by uploading an edited comma separated values (CSV) file. Download this localization template CSV file by navigating to **System > Localization > Localization Editor** and select the **Modify** button. Edit the file per your preferences to affect bulk localization changes and upload it using the same screen.
Enable Enrollment Email Prompt	You can prompt the user to enter their email credentials during enrollment. **Note:** The Enrollment Email Prompt requests the email address from the end user to populate that option in the user record automatically. This data is beneficial to organizations deploying email to devices using the {EmailAddress} lookup value.
Enable Device Asset Number Prompt	You can prompt the user to enter the device asset number during enrollment. This option is supported by Workspace ONE Direct Enrollment but only when **Prompt for Device Ownership Type** is enabled and only for Corporate Owned devices.
Display Enrollment Transition Messages (Android Only)	You can display or hide enrollment messages on Android devices.
Enable TLS Mutual Auth for Windows	You can force Windows Phone and Windows Devices to use endpoints secured by TLS Mutual Authentication which requires an extra setup and configuration. Contact AirWatch Support for assistance.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Customization Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Use specific Message Template for each Platform	Select this check box to use different enrollment message templates for the different platforms. This option is supported by Workspace ONE Direct Enrollment.
Enrollment Support Email	Enter the contact email for MDM support which will be displayed to users during enrollment.
Enrollment Support Phone	Enter the contact phone number for MDM support which will be displayed to users during enrollment.
Post-Enrollment Landing URL (iOS Only)	Enter the URL of the webpage you want end users redirected to after they enroll their devices. This field can be blank. This option is supported by Workspace ONE Direct Enrollment.
MDM Profile Message (iOS Only)	Enter the message you would like your users to see during the install MDM prompt. This field is optional and can be left blank. This option is supported by Workspace ONE Direct Enrollment.
Use Custom MDM Applications	Configure MDM Apps by adding them as managed applications and assigning them to MDM application groups. This option is supported by Workspace ONE Direct Enrollment.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / General / Friendly Name

The Friendly Name settings page lets you configure options related to device friendly names. The format you configure here is how devices will appear in the AirWatch Console.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Custom Friendly Name	Select this check box to enable the configuration of a custom device friendly name string.
Device Friendly Name Format	Enter the friendly name format using the lookup values provided in the insert lookup value list by selecting the plus icon.

Setting	Description
Set Device Name to Friendly Name	Check this box to automatically set the device's actual Device Name to match the Friendly Name format you configured. Applicable only to supervised devices with iOS 8 or greater.

Windows Rugged

Setting	Description
Windows Mobile Friendly Name (Athena Agent Only)	Enable to set the device friendly name for devices running the legacy Athena agent.
Use Registry Entry for Friendly Name (AirWatch 4.0 Agent Only)	Enable to use the Registry Entry instead of friendly names for devices using the AirWatch Agent v4.0+ for Windows Rugged. You must enter quotes (") around the registry path for this option to work. For example, "HKEY_LOCAL_MACHINE\System\Device Info\Asset Number" or "HKLM\System\Device Info\Asset Number".

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / General / Lookup Fields

The **Lookup Fields** settings page lets on-premises customers create custom lookup fields from existing pre-created standard lookup fields. These lookup fields can then be used throughout the AirWatch Console.

For example, you can configure a custom lookup field that consists of a user's initials. In this example, you would choose 'Username' for the **Standard Lookup Field**, then give it a **Name** like 'Initials', choose 'Regex Lookup' for the **Custom Type** and in **Regular Expression**, enter the regular expression code that extracts the first letters of the first and last names of your users. Depending on what the 'Username' field looks like, it might be (@"(\b[a-zA-Z])[a-zA-Z]* ?").

All fields are required.

Setting	Description
Standard Lookup Field	Select from a list of pre-defined fields primarily used to identify either a user or a device.
Name	Enter the name of the customization.
Description	Enter a useful description of the customization to ease searching and record keeping.
Allow Inheritance	Allow your search to include inherited child organization groups.

Setting	Description
Custom Type	Choose the mechanism of this customization, typically a regular expression (Regex).
Regular Expression	This field only appears when 'Regex' is chosen from the **Custom Type** field. A regular expression is a sequence of characters that forms a search pattern, mainly for use in pattern matching with strings, or string matching, i.e. "find and replace"-like operations.
On Match	Choose how the system should react when it discovers a match.

💡 For more information about creating custom lookup fields, including an example, see the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001661948.

Devices & Users / General / Message Templates

The Message Templates settings page lets you create and manage message templates for use within other areas of the AirWatch Console. You can create several types of message template, including those for enrollment, applications, compliance, and so on.

- Select **Add** to display the Add / Edit Message Template dialog.

- Select the **Edit**, **Delete**, or **View** icons for any given message template to take action on it.

Devices & Users / General / Notifications

The Notifications settings page enables you to utilize Lifecycle Notifications, which can be configured to supply enrollment and unenrollment confirmation emails.

This optional setting can be configured by navigating to **Devices > Lifecycle > Settings > Notifications** and entering the following fields for the following sections.

- **Device Unenrolled** – Send an email notification when a device unenrolls.

- **Device Enrolled Successfully** – Send an email notification when a device enrolls successfully.

- **Device Blocked by Enrollment Restriction** – Send an email notification if a device is blocked by an enrollment restriction, which can be configured by navigating to **Groups & Settings > All Settings > Devices & Users > General > Enrollment** and choosing the **Restrictions** tab.

Setting	Description
Send Email To	• **None** – Send no confirmation email upon a successful device block, enrollment, or unenrollment. • **User** – Send a confirmation email to the device user informing them of the successful device block, enrollment, or unenrollment. ○ **CC** – Send the same confirmation email to a single email address or multiple, comma-separated email addresses. ○ **Message Template** – Select the desired message template from the drop-down listing. You have the option of adding a new message template or editing an existing template by selecting the "Click here..." hyperlink that takes you to the **Devices & Users > General > Message Templates** settings page. • **Administrator** – Send a confirmation email to the AirWatch Administrator informing them of the successful device block, enrollment, or unenrollment. ○ **To** – Send the same confirmation email to a single email address or multiple, comma-separated email addresses.

Devices & Users / General / Privacy

The Privacy settings page lets you define how device and user information are handled in the AirWatch Console. This is particularly useful in bring your own device (BYOD) deployments.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

- Select whether to **Collect and Display** (in the Console), **Collect and Do Not Display**, or **Do Not Collect** for the listed data.

- For the remote commands you want administrators to be able to perform, select whether to **Allow**, **Allow With User Permission**, or **Prevent**.

Commands

For **Commands**, select whether the remote action will be available on **Corporate-Dedicated**, **Corporate-Shared**, **Employee Owned**, or **Unassigned** to devices.

These commands are available for Android and/or Windows Phone devices. The asterisk beside the command denotes which device.

User Information

For **User Information**, select whether to **Display** or **Do Not Display** in the AirWatch Console information for **First Name, Last Name, Phone Number**, and **Email Accounts**.

If a field is set to **Do Not Display**, then it displays as "Private" wherever it appears in the AirWatch Console. This means you are not be able to search for fields you set to **Do Not Display**.

Do Not Disturb

Do Not Disturb Mode – **Enable** or **Disable** this mode.

Do Not Disturb (DND) provides a clean and automated way to halt profile, content and application changes on enrolled devices for a set window of time directly from the AirWatch Console. Integral MDM commands such as device wipe, enterprise wipe, and clear passcode still function when DND is enabled and the device is in DND mode.

DND mode is particularly useful for devices that are used or displayed in front of customers or guests. Admin messages, app updates and content changes may confuse end-users or disrupt demos and walkthroughs, so the ability to pause any changes allows uninterrupted usage. Once the Do Not Disturb period ends, all queued updates and commands are pushed down to the device automatically.

> For more information about using Do Not Disturb Mode, see the following VMware AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001662448.

User Friendly Privacy Notice

Enable this option to display a user-friendly privacy notice to your end-users after they enroll a device.

- Select to **Enable** or **Disable** the **User Friendly Privacy Notice** on the device.

  - When **Enabled**, you may choose **Yes** (display a privacy notice) or **No** (do not display a privacy notice) for each ownership level: **Employee Owned**, **Corporate - Dedicated**, **Corporate - Shared**, and **Unknown**. You must create a privacy notice before you assign ownership types to receive the notice.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / General / Shared Device

The Shared Device settings page lets you configure settings related to the shared device (multi-user) functionality of AirWatch.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Grouping

Setting	Description
Group Assignment Mode	Configure devices in one of three ways: • Select **Prompt User for Organization Group** to have the end user enter a Group ID for an organization group upon login. With this method, you have the flexibility to provide access to the settings, applications, and content of the organization group entered. Using this approach, an end user is not restricted to accessing only the settings, applications, and content for the organization group to which they are enrolled. • Select **Fixed Organization Group** to limit your managed devices to settings and content applicable to a single organization group. Each end user who logs in to a device has access to the same settings, applications, and content. This method can be beneficial in a retail use case where employees use shared devices for similar purposes such as checking inventory. • Select **User Group Organization Group** to enable features based on both user groups and organization groups across your hierarchy. When an end user logs in to a device, they have access to specific settings, applications, and content based on their assigned role within the hierarchy. For example, an end user is a member of the 'Sales' user group, and that user group is mapped to the 'Standard Access' organization group. When that end user logs in to the device, the device is configured with the settings, applications, and content available to the 'Standard Access' organization group. You can map user groups to organization groups on the AirWatch Console. Navigate to **Groups & Settings > All Settings > Devices & Users > General > Enrollment**. Select the **Grouping** tab and fill in the required details.
Always Prompt for Terms of Use	Prompts the end users to accept your **Terms of Use** agreement before they log in to a device.

Security

Setting	Description
Require Shared Device Passcode	Require users to create a Shared Device passcode in the Self-Service Portal to check out devices. This passcode is different from a Single Sign On passcode or a device-level passcode.
Require Special Characters	Require special characters in the shared device passcode, which includes characters such as @, %, &, and so forth.
Shared Device Passcode Minimum Length	Set the minimum character length of the shared passcode.

Setting	Description
Shared Device Passcode Expiration Time (days)	Set the length of time (in days) the shared passcode expires.
Keep Shared device Passcode for minimum time (days)	Set the minimum amount of time (in days) the shared device passcode must be changed.
Prompt users to change their Shared Device Passcode x (days) before expiration	**(For iOS devices only)** Set the number of days the user is reminded to change their shared device passcode before it expires. For best results, set a value less than the difference between the Expiration Time and minimum time you can keep the Shared Device Passcode.
Passcode History	Set the number of passcodes that are remembered by the system, providing a more secure environment by preventing the user from reusing old passcodes.
Auto Log out Enabled	Configure an automatic log out after a specific time period.
Auto Log out After	Set the length of time that must elapse before the **Auto Log out** function activates in **Minutes**, **Hours**, or **Days**.
Enable Single App Mode	Select this check box to configure Single App Mode, which locks the device into a single application when an end user logs in to the device. To check out a device in Single App Mode, end users log in using their credentials. When the device is checked in again, it returns to Single App Mode. Enabling Single App Mode also disables the Home button on the device. **Note:** Single App Mode applies only to Supervised iOS devices.
Clear Device Passcode on Logout (Android Only)	This setting controls whether the current device passcode is cleared when the user logs out (checks in) a multi-user shared device.
Clear App Data on Logout (Android Only)	Select this checkbox to clear the app data when the user logs out of a shared device (checks it in).

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / General / Advanced

The Advanced settings page under Devices & Users lets you configure settings related to how the AirWatch Console identifies and reports device activity.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Device Inactivity Timeout	Enter the amount of time in minutes that a device not seen by the console will be identified as inactive.
Display Expected Devices	Checking this box will include unenrolled devices in the device listing.
Certificate Revocation Grace Period (hours)	Enter the amount of time in hours after the discovery that a required certificate is missing from a device that the system shall wait before actually revoking the certificate. Given the vagaries of wireless technology and network bandwidth performance, this field is designed to prevent *false negatives* or times when a certificate is falsely identified as not existing on a device.
Enrollment Session Timeout (min)	Enter the amount of time in minutes that the system will force an enrollment restart after a user's enrollment session begins without completing.
Device Assignment Rules	Enables the use and assignment of IP address ranges as a grouping mechanism or device identifier.
Enable Auth Proxy Body Response	Legacy architecture designed to mimic the functionality of VMware Enterprise Systems Connector (VMware Enterprise Systems Connector) or EIS (Enterprise Integration Service).

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Android / Agent Settings

The Android Agent Settings page lets you configure various options that affect the Android Agent mobile app. Adjusting these intervals can impact battery life, with smaller values equating to more frequent pings and greater power consumption.

To access the Agent Settings navigate to **Groups & Settings > All Settings > Devices & Users > Android > Agent Settings**.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

General

Setting	Description
Heartbeat Interval (min)	Enter the heartbeat time interval, which is how frequently the Agent checks in with the AirWatch server. Reports beacon data to the AirWatch Console. The primary purpose of this report is to show compromised device status. However, beacon data also includes GPS, IP address and other minor data, such as model and OS version.
Data Sample Interval (min)	Enter the data sample time interval, which is how frequently the Agent collects data from the device. Collects interrogator data and reports all data collected by the Agent, including Telecom and Network data, as well as the battery, power and memory status.
Data Transmit Interval (min)	Enter the data transmit time interval, which is how frequently the Agent sends data to the AirWatch server. Reports interrogator data to the AirWatch Console. This value should always be greater than the Data Sample Interval value.
Profile Refresh Interval (min)	Enter the profile refresh time interval, which is how frequently the device profile list for the device is refreshed on the AirWatch server. Checks in with the AirWatch Console for profile updates or new profiles.
Require Google Account	Require a Google Account to leverage Google Cloud Messaging (GCM) to send remote commands to devices. Only deselect this option if you are utilizing AWCM.
Require Phone Number	Enable an additional prompt during enrollment. This phone number is recorded in AirWatch to serve as a backup contact number in case devices are lost, turned off or do not have access to Internet.
Block User Unenrollment	Select this option to ensure end users cannot unenroll their devices.

Application List

The Application List detects specific, blacklisted apps that are installed on a device, or detect all apps that are not whitelisted. You can either specifically prohibit certain apps, such as social media or entertainment apps, or specifically permit only the apps you specify, such as internal applications for business use.

Setting	Description
Application List Interval (min)	Enter the frequency at which the AirWatch Agent checks the application list.

Internal Applications

Setting	Description
Install Options	Select how end users will be prompted to install new internal applications. You can provide a **Direct Prompt**, a **Status Bar Notification**, or opt to have **No Notification**.

Samsung Knox

For more information about these settings or Samsung Knox in general, refer to the **VMware AirWatch Containerization with Samsung Knox Guide**, available on AirWatch Resources.

Setting	Description
Enable Containers	Select **Enabled** to allow profile creation for Samsung Knox Containers and to allow the Android Agent to create application containers for Samsung Knox devices.
Knox License Key	Enter your Samsung Knox License Key.
Enable Audit Logging	Select **Enabled** to turn on audit logging and the related settings below.
	The AirWatch Console has the ability to monitor errors that might prevent successful creation of the Knox container. The log provides the cause of the error and what needs to be resolved for successful Knox deployment.
	The audit logs are sent to the AirWatch Console from the Knox enabled devices and stored in the Device Details page. The **Transmits Logs Automatically** setting determines the threshold at which the log file is reported to the device details.
Logging Level	Determines how severe an error has to be in order for it to be sent to the log file. The logging levels are listed in order or severity where notice is the least severe and alert is the highest. The log levels are: • **Alert** • **Critical** • **Error** • **Warning** • **Notice**
Critical Log Size	Enter a percentage (up to 70 percent) to define the critical log size. When the log file passes this percentage, a critical log size alert is sent to the admin.
Maximum Log Size	Enter a percentage (up to 90 percent) to define the maximum log size. When the log file passes this percentage, a maximum log size alert is sent to the admin.
Full Log size	Set to 97 percent by default. When the log file reaches this percentage, a full log size alert is sent to the admin and immediate action is required.
Transmits Logs Automatically	Determines when the audit logs are to be transmitted to the console to notify the admins of errors: • **Never** – The log file will never be sent transmitted to the console. • **Critical** – The log file needs be at critical size to be transmitted to the console. • **Maximum** – The log file needs be at maximum size to be transmitted to the console. • **Full** – The log file needs be at full size to be transmitted to the console.

Location

Setting	Description
Collect Location Data	Select whether to collect location data from devices. Location is determined based on a device's Wi-Fi network. When it is available, it is reported to the AirWatch Console according to the Data Transmit Interval.
Force GPS On	Prevent the user from turning off GPS for certain devices.
GPS Time Poll Interval (min)	Enter the interval, in minutes, for which a time sample gets signaled. The minimum time is five minutes.

Telecom

Enable specific Telecom settings like Call Logs, SMS Logs and Cellular Data Usage to allow logging and tracking of device use.

Setting	Description
Enable Call Logs	Collects information from incoming and outgoing phone calls made devices registered with AirWatch.
Enable SMS Logs	Reports that log any incoming and outgoing SMS messages to devices.
Enable Cellular Data Usage	Allows the AirWatch Console to create reports which details data usage.

AirWatch Cloud Messaging

AirWatch Cloud Messaging (AWCM) provides an internal communication solution for the entire AirWatch solution as a comprehensive replacement for Google Cloud Messaging (GCM).

Setting	Description
Use AWCM Instead of C2DM As Push Notification Service	Set to **Enabled** to enable AWCM.
AWCM Client Deployment Type.	Set to Always Running if you want the system and device have a constant and ongoing line of communication.
AWCM Client Timeout Value (Mins)	Determines how much idle time can pass before the client responds to the AWCM server.

Remote Management

Remote Management allows you to directly control a device for troubleshooting or to ensure a device is properly provisioned.

Setting	Description
Download Remote Control Cab	Select this link to download the cabinet (CAB) installer file for AirWatch Remote Management.
Seek Permission	Enable Seek Permission if you want to prompt the end user to accept or decline the remote management request from the admin. • Enter a **Seek Permission Message** that the end user sees when a remote request is sent. • Enter the **Yes Caption** message for the accept button the end user sees on the Seek Permission request. • Enter the **No Caption** message for the decline button the end user sees on the Seek Permission request.
Advanced	
Remote Management Port	Enter the port used to communicate between the Remote Management Agent and the Tunnel Agent on the end-user device. This port is responsible for caching the different frames on the device for use with the screen sharing function. The default port is 7775. Consider leaving the default setting unless port 7775 is in use for other uses in your organization.
Device Log Level	Set the Device Log Level to control the verbosity of the remote management application on the device.
Log Folder Path	Define the Log Folder Path where the application saves the remote management log file on the device.
Display Tray Icon	Enable Display Tray Icon to show the remote management applet on the device.
Max Sessions	Enter the maximum number of concurrent sessions allowed on a device.
Number of Retries	Enter the number of retries allowed before communication attempts stop.
Retry Frequency (Seconds)	Enter the amount of time between attempts to communicate.
Heartbeat Interval (Seconds)	Enter the amount of time (in seconds) that passes between status updates that are sent from the device.
Connection Loss Retry Frequency (Seconds)	Enter the amount of time (in seconds) that passes between attempts to reestablish the connection.

Product Provisioning

- **Job Log Level** – A job occurs whenever files/actions are performed as part of product provisioning. With this setting, you can set the level of the job log level to meet your organization's logging level needs.

vmware airwatch

SDK Profile

Enterprises can integrate any existing company specific apps with the use of an AirWatch Software Development Kit (SDK). Select which SDK profile to deploy to your devices by using the SDK Profile V2 option in the agent settings.

- **SDK Profile V2** – Select the profile that will provide the AirWatch Agent with the SDK settings configured for that organization group.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Android / Auto-Enrollment

Auto enrollment is only available for Intel devices are apart of the Intel World's Ahead Program. Currently, no other OEM will support this process. Please refer to the Android Device Enrollment section of the Android Platform Guide for information on enrolling all other devices.

The **Auto-Enrollment** settings page is used to enable automatic enrollment for Android devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Auto-Enrollment	Select **Enabled** to turn on auto-enrollment features for devices.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Android / Android For Work

The Android for Work settings page lets you configure the various options for integrating with Android for Work prior to enrolling Android for Work devices. Android for Work configuration uses a wizard to help you set up the integration for devices.

Configuration

The Configuration tab walks you through the Android for Work setup. You will first be redirected to Google Play for Work to begin configuration, and upon completion you will be redirected back here. .

Enrollment Settings

Setting	Description
Work Managed Enrollment Type	Choose if devices should be associated with the enrollment user or device. When using paid apps, User Based is preferred for optimal license allocation. For scenarios where a single user will not be associated with the device (such as Kiosks), Device Based is preferred.

Enrollment Restrictions

Setting	Description
Define devices that are allowed to Utilize Android for Work	Limit Android for Work to specific device models or operating systems. Select whether to **Enroll all compatible devices**, **Do not use Android for Work**, or **Limit Android for Work enrollments to specific smart groups**.
Assignment Groups	Select a smart group from the drop-down menu. When a smart group(s) is selected, only devices or users that belong to that group(s) will go through enrollment through Android for Work. This is assuming that these devices are Android for Work capable. The remaining devices will go through legacy enrollment with Device Administrator.

Devices & Users / Android / Service Applications

Service Applications are apps downloaded in conjunction with the AirWatch Agent depending on a certain functionality needed by the customer. The two service apps deployed are the 'AirWatch Launcher' and 'Telecom Sampler'. This section will detail how to deploy these settings.

To access the Service Application settings navigate to: **Groups & Settings > All Settings > Devices & Users > Android > Service Applications**.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Require Service App	Select to ensure end users get the Service App.
Push Service App from Play Store	Select to install the OEM service through the Google Play Store before or during enrollment. Pushing the Service App simplifies enrollment for your end users by removing the need to accept "unknown sources" during the enrollment process.
Download Folder	Provide a location for the file download. This option only appears if **Push Service App from Play Store** is disabled.
Always use the Latest Version of Telecom Sampler	Select to use latest or de-select to choose a specific **Telecom Sampler Version.**

Setting	Description
Telecom Sampler Version	Select the desired Telecom Sampler version.
Always use the Latest Version of AirWatch Launcher	Select to use latest or de-select to choose a specific **AirWatch Launcher Version.**
AirWatch Launcher Version	Select the desired Launcher version.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Android / Security

The Security page adds additional security settings for Android devices to protect sensitive data from unauthorized access to the device database.

As part of the enrollment process, end users will create a passphrase code, which generates a key used to access the device database. When Key Encryption With User Input is enabled on the Security page and someone tries to access the database without that passphrase, access is denied. To enable this feature, Single Sign On must be enabled through the AirWatch SDK.

The passphrase requirements can be set to allow the end user to only enter the passphrase during enrollment for a one-time prompt by enabling **Allow Remember Authentication**.

> **Important**: If you enable Allow Remember Authentication, this stores the user key on the device but renders the sensitive data vulnerable to unauthorized access.

> **Note**: In order for the Agent for Android to share an application passcode or SSO session with other SDK apps, you must enable **Key Encryption with User Input**.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Key Encryption with User Input	Allows the Agent to encrypt the sensitive data with a user-derived key. Enable this only when required.
Allow Remember Authentication	Enable to save the user-derived key on the device so it does not need to be entered each time.

vmware airwatch

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / APNs for MDM

The APNs for MDM settings page lets you generate or upload your Apple Push Notification service (APNs) certificate, which is required to manage Apple devices. If you do not already have one, you can generate a new one on this page. If you do have one, you can upload it here.

> 💡 For more information, please see the **Generating and Renewing an APNs Certificate for AirWatch** KB article: https://support.air-watch.com/articles/115001662728.

Devices & Users / Apple / Apple iOS / APNs for Applications

The APNs for Applications page displays the APNs certificates that correspond to AirWatch apps on the app store. These are required for sending push notifications to apps, and in most cases these are settings you should not alter unless instructed to do so by AirWatch.

> 💡 For more information, please see the **Generating and Renewing an APNs Certificate for AirWatch** KB article: https://support.air-watch.com/articles/115001662728.

Devices & Users / Apple / Apple iOS / Agent Settings

The iOS Agent Settings page lets you configure various options that affect the iOS Agent mobile app.

General Tab

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
General	
Disable Un-Enroll in Agent	This setting disables the user's ability to unenroll from AirWatch MDM using the Agent. This setting is only available in the AirWatch Agent v4.9.2 and higher.

Setting	Description
Background App Refresh	This setting tells the AirWatch Agent the maximum allowed time interval to refresh app content. Some applications run for a brief period before reaching a suspended state. Background App Refresh is a feature in iOS where the application itself wakes from this suspended state. During this refresh, the AirWatch Agent reports information, such as compromised detection, hardware details, GPS, iBeacon, and telecom, to the AirWatch Console. The frequency at which the Agent refreshes is controlled by the OS and only completed during efficient times, such as when the device is plugged into a power source, frequency of use, or connected to Wi-Fi. To take advantage of the Background App Refresh feature, this setting must be enabled in the AirWatch Console, the AirWatch Agent cannot be killed on the device, and Background App Refresh must be enabled on the device for the AirWatch Agent under **Settings > General > Background App Refresh**.
Minimum Refresh Interval	Select the minimum amount of time that must pass before the device attempts to refresh app content.
Transmit on Wi-Fi only	Enable background refresh to occur over Wi-Fi connections only.
Area	
Collect Location Data	This setting enables the AirWatch Agent to collect GPS data from devices. Whether or not data is actually collected depends on the privacy settings set in **Devices > Device Settings > General > Privacy**.
Detect iBeacon Region	This setting enables the AirWatch agent to listen to iBeacon information in regions where the device is located.
Telecom	
Collect Cellular Data Usage	This setting enables the AirWatch Agent to collect cellular data use from devices. Whether or not data is actually collected depends on the privacy settings set in **Devices > Device Settings > General > Privacy**.
Self Service Setting	
Self Service Enabled	This setting allows users to view their user account status, device compliance status, and assigned compliance policies from within the AirWatch Agent. If enabled, users can see if their devices are compliant. For more information about enabling users to sync their devices to check for compliance status, see the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001662408.
SDK Profile	
SDK Profile (Legacy)	This setting specifies the SDK profile you want to apply to the AirWatch Agent. SDK profiles can be used to enforce geofencing, create custom branding for the Agent and more.
SDK Profile V2	This setting specifies the SDK V2 profile you want to apply to the AirWatch Agent. SDK profiles can be used to enforce geofencing, create custom branding for the Agent and more.

vmware airwatch

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Notification Tab

These notification settings ensure the AirWatch Agent can send push notifications.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Notification (iOS Only)

Use this tab to configure notifications that are sent to devices from the AirWatch Console.

Setting	Description
Application Type	Choose to configure the AirWatch Agent either as a system app or an internal AirWatch app to set system preferences. By default, the application type is set as System.
Application Name	Select an internal application from the drop-down menu. Ensure the Application Name appears the same way as it is does on the Internal List View page on the Apps & Books tab in the AirWatch Console. Only internal applications with APNs certificates that were uploaded at the time the application was uploaded to the Console are seen here.
Bundle ID	This field is populated based on the selections above. This Bundle ID matches the application bundle ID that has been uploaded internally or selected from the drop-down menu.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Apple iOS / Managed Settings

The iOS Managed Settings page lets you configure a few additional settings related to the AirWatch Agent and managing iOS devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Default Managed Settings

Setting	Description
Apply Default Settings To	Select which ownership types you want each of the default managed settings below to apply to.

Setting	Description
Voice Roaming	Select the checkbox to allow voice roaming.
Data Roaming	Select the checkbox to allow data roaming.
Personal Hotspot	Select the checkbox to allow personal hotspot functionality.
Activation Lock	Select the checkbox to allow activation lock functionality.

Default Wallpaper

Setting	Description
Apply Default Settings To	Select the ownership type(s) to which the following default managed settings are applied.
Lock Screen Image	Upload a lock screen image that displays when an end user locks their device.
Home Screen Image	Upload the home screen image that displays on the device.

Organization Information

Send notifications or other MDM prompts with customized organization information.

Setting	Description
Organization Name	Enter the name of the organization.
Organization Phone Number	Enter the organization phone number.
Organization Email	Enter the organization email address.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Apple macOS / Agent Application

The macOS Agent Application settings page lets you configure various options that affect the macOS Agent application.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Fully Qualified Path on local server to the Agent files for MAC devices	This is the default location where the AirWatch Agent is stored on the local server. Only change this if needed. If the file path is incorrectly defined, end users cannot download the Agent post-enrollment.

Setting	Description
Download Mac Agent Post Enrollment	Select this checkbox to allow the agent to be downloaded post-enrollment by side-loading or from a web browser.
Download Agent	Use this button to download the latest version of the AirWatch Agent from the server.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Apple macOS / Agent Settings

The macOS Agent Settings page lets you configure various options that affect the macOS Agent application. Use these settings to determine how often to collect data from devices, to allow passcode enforcement through Agent message prompts, to allow AirWatch Cloud Messaging so that devices receive push notifications and information about updates when available, and to choose how and when to allow updates.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
General	
Check-in Interval	Enter the time interval for device check-in.
Data Sample Interval	Enter the time interval for sample data to be collected prior to transmission.
Data Transmit Interval	Enter the time interval for the device to automatically transmit data to AirWatch.
Administrative Passcode	Enter a passcode to be applied to the app that the end user must enter to access Agent settings.
Enable Agent Uninstall	Select this check box to allow un-installation from the AirWatch Agent's main menu.
Location	
Collect Location Data	Select this check box to enable AirWatch to collect GPS information from the device when available. If **Collect Location Data** is enabled, the end user receives a prompt to enable location services for **airwatchd**. The alert persists until the user enables location services.
Password Enforcement	
Enforce Passcode	Select this check box to enforce passcode policy adherence on the device.

Setting	Description
AirWatch Cloud Messaging	
Use AWCM	Select this check box to enable AWCM communication to the AirWatch Agent and device.
Agent Updates	
Enable Automatic Updates	Select this check box to enable automatic updates to the AirWatch Agent when a new version is available.
Upgrade Silently	Select this check box to run silent updates without interruption. If this check box is not selected, users will receive a prompt to begin the upgrade process.
Remote Management	
Seek Permission	Enable Seek Permission if you want to prompt the end user to accept or decline the remote management request from the admin. When you enable this setting, more options appear. • Enter a **Seek Permission Message** that the end user will see when a remote request is sent. • Enter the **Yes Caption** message for the accept button the end user will see on the Seek Permission request. • Enter the **No Caption** message for the decline button the end user will see on the Seek Permission request.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Apple Configurator

The Apple Configurator settings page lets you create and export an MDM profile that you can then import into Apple Configurator when staging devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Automated Enrollment	Select this check box to display the staging settings you can configure.
Platform	Select which Apple platform this profile will be used for.

Setting	Description
Staging Mode	Select the appropriate **Staging Mode** depending on how the device is going to be used and how the device must enroll. You can choose to pre-register devices and enroll using Apple Configurator. By pre-registering devices and selecting the None or Single User mode, you can pre-assign the end user for each device. However, you cannot pre-register Multi User devices. • **None** – Does not stage device for other users. For non-registered devices, all devices will be enrolled under the Default Enrollment User. In this case, only non-staging users are available as default staging user options. > **Important:** If you do not pre-register your devices and select **None** and specify a default enrollment user, then all devices that receive the .mobileconfig file will be enrolled to that user. To ensure devices are enrolled to distinct users, pre-register them to specific users or create a staging user account and select **Single User** as your **Staging Mode**. • **Single User** – Stages device for a single, known or unknown user. Only staging users are available as Default Enrollment User options. When end users open the AirWatch Agent, they must enter credentials to fully enroll the staged device. At that time, the device details will update in the AirWatch Console and the device is associated with that end user. • **Multi User** – Places device into Shared Device Mode. This stages the device for multiple, known or unknown users. Only staging users are available as Default Enrollment User options. When end users open the AirWatch Agent, they must enter credentials to check out the device for use.
Default Staging User	Set a Default Staging user if you are using either the None or Single User staging modes.
MDM Server URL	This URL is used when using Apple Configurator on the staging macOS device. Select the **Copy** button to copy this URL for later use.

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Device Enrollment Program

The Device Enrollment Program settings page lets you configure DEP-based enrollment within AirWatch. DEP settings can be configured at any Organization Group. A wizard displays when you initially configure the DEP Profile, which walks you through the setup process.

The specific steps are not mentioned here because they are included as part of a separate guide.

Devices & Users / Apple / MDM Sample Schedule

The Apple MDM Sample Schedule settings page lets you configure the time intervals at which certain data samples from Apple devices are sent to the AirWatch Console server.

💡 For more information about the settings on this page, refer to the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001663068.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Device Information Sample	Enter the frequency by which device information is refreshed on the AirWatch server.
Application List Sample	Enter the frequency by which the application list is refreshed on the AirWatch server.
Certificate List Sample	Enter the frequency by which the certificate list is refreshed on the AirWatch server.
Profile List Sample	Enter the frequency by which the profile list is refreshed on the server.
Provisioning Profile List Sample	Enter the frequency by which the provisioning profile list is refreshed on the server. (iOS only)
Restriction List Sample	Enter the frequency by which the restrictions list is refreshed on the server. (iOS only)
Security Information Sample	Enter the frequency by which the security information is refreshed on the server.
Managed App List Sample	Enter the frequency by which the managed app list is refreshed on the server. (iOS only)
Agent Sample	Enter the frequency by which the scheduler determines how often a silent APNs is sent to the device to poll for compromised detection, data usage, and GPS, if these Agent settings are enabled for the device. This requires the AirWatch Agent v4.9 or higher and is only for iOS 7 or higher devices. (Reference macOS Agent Settings for information on macOS scheduling.)
Non-Compliant Device Sample	Enter the frequency by which AirWatch queries non-compliant devices, to decrease the delay between when an end user takes actions to make their device compliant and when AirWatch detects that action.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Profiles

The Apple profile page allows you to define security profile properties for your MDM profiles. You can optionally select to sign and encrypt profiles here. AirWatch recommends that you configure these settings during your initial set-up.

> 💡 For more information about SSL signing certificates, see the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001662348.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Encrypt Profiles	Select this checkbox to encrypt all MDM and device profiles that are installed on the devices.
Sign Profiles (Requires Server SSL Certificate)	Select this checkbox to sign MDM and device profiles with a SSL certificate that is used to establish trust with the device services server.
Prompt devices to update MDM profile for iOS 5 Permissions	This is a legacy setting used to provide compatibility with iOS 5. This checkbox does not need to be selected unless you are working with an iOS 5 device.
Signing Certificate	Use the **Upload** button to upload a third-party SSL certificate to sign the profile. The SSL certificate should be the same one used on the device services end point.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / SCEP

Use this page to configure settings for SCEP certificate enrollment on iOS devices. Select SCEP settings to retrieve a SCEP certificate instead of a self-signed enrollment certificate.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Use in Enrollment	Select this checkbox to retrieve a SCEP certificate during enrollment instead of a regular enrollment certificate.
SCEP Certificate Authority	Select the certificate. If one is not available, go to **Groups and Settings > All settings > System > Enterprise Integration > Certificate Authorities** and follow the prompts to add a certificate.

Setting	Description
SCEP Certificate Template	Select the certificate template. If one is not available, go to **Groups and Settings > All settings > System > Enterprise Integration > Certificate Authorities > Request Templates** and follow the prompts to add a certificate template.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Apple / Install Fonts

The iOS Install Fonts settings page lets you add fonts that you want to install on device.

Available to macOS Yosemite and devices running iOS 7 and higher, the AirWatch Console provides a means to upload fonts and install them onto devices. Installing specific fonts allows users to view and read text that is not supported by standard means.

Compatible font file types include .ttf or .otf. There is no limit to the number of fonts you are can install on devices and you can remove a font at any time.

Drag and drop a supported font file type (.ttf or .otf) onto the screen and select **Save**.

Devices & Users / Apple / Education

The Apple Education page can be used to enable Apple Education functionality, which then allows for integration with Apple School Manager.

> **Note:** This is functionality is only available to those with AirWatch Administrator roles and above.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	General
Enable Education Features	Select **Enable** to turn education functionality on.
Class Source	Select your Apple or AirWatch as your Education functionality provider. Note that changing sources and saving the configuration will delete all existing classes.
Set Maximum Resident Users	Specify the maximum number of users each device's memory can support. This value divides the local storage on the iPad evenly for that number of users. If the number of users exceeds this setting, additional users' information is stored on iCloud instead of on the device.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Blackberry / Blackberry 10 / General

Specify your company's PowerShell information so that the AirWatch Console can use PowerShell commands to push profiles using the Exchange ActiveSync protocol.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
PowerShell URL	Specify the URL where the AirWatch Console can access your PowerShell service.
Username	Specify the username that AirWatch Console needs to communicate with the PowerShell service.
Password	Specify the password for the user account.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Blackberry / Blackberry 10 / Agent Settings

The Blackberry 10 Agent Settings page lets you configure various options related to the Blackberry 10 Agent.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Heartbeat Interval (min)	Enter the time interval by which the Agent will check in with the AirWatch server.
Data Sample Interval (min)	Enter the time interval by which the Agent will collect data from the device.
Profile Refresh Interval (min)	Enter the time interval by which the device profile list is refreshed on the AirWatch server.
Administrative Passcode	Enter the passcode that is required to access the Agent settings on the device.
Enable GPS	Select whether to enable the AirWatch Agent to collect GPS coordinates of the device.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Blackberry / Blackberry 10 / BES 10 Settings

The Blackberry 10 BES Settings page lets you configure options related to your BES 10 component. For more information about integrating with your BES, refer to the BES 10 Server Integration section in the **VMware AirWatch BlackBerry Platform Guide**, available on AirWatch Resources.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
BES URL	Enter the URL for the BlackBerry Web Services that contains all the web service APIs used to synchronize the AirWatch solution and the BES 10 server. The URL format is *https://<BES_URL>:38443*.
BES Admin Username / Password	Enter the username and password needed to authenticate with the BES 10 server in the **BES Admin Username** field and the **BES Admin Password** field.
Authentication Method	Ensure that the **Authentication Method** field is set to **Active Directory** or **BlackBerry Administration Service**.
Domain	Enter a domain for the BES 10 server in the **Domain** field.
Ignore SSL Errors	If you want to ignore Secure Socket Layer (SSL) certificate errors between AirWatch component and the BES 10 server then select the **Ignore SSL Errors** checkbox.
BES Sync Batch Size	Enter a value in the **BES Sync Batch Size** field for the maximum size of the message to be sent from the BES 10 server through the AirWatch Console to the device.
Activation Code Expiration	Enter the number of hours in the **Activation Code Expiration** field for the amount of time the end user has to activate their BES 10 server.
Message Type	Select either the **Email** or **SMS** radio button to determine the method used to deliver the **BES Registration Message**.
BES Registration Message	Select from the **BES Registration Message** drop-down a message the end user receives upon registration.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Blackberry / Legacy Blackberry / Agent Application

The Legacy Blackberry Agent Application settings page lets you specify the fully qualified file path of the location on the AirWatch Console server where the AirWatch Agent is locates so it can be installed on devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

- **Fully qualified path on local server to the Agent files for Blackberry devices** – Enter the file path location of the AirWatch Agent in the **Download Path** field. The AirWatch Server finds the AirWatch Agent at this location to install it on the device.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Blackberry / Legacy Blackberry / Agent Settings

The Legacy Blackberry Agent settings page lets you configure options related to the legacy Blackberry Agent.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Heartbeat Interval	Set the time (in minutes) the agent waits before checking in with the AirWatch Console.
Data Sample Interval	Set the time (in minutes) the agent waits to collect data from the device.
Profile Refresh Interval	Set the frequency (in minutes) the profile list of each device will be refreshed on the server.
Collect Location Data	Set the AirWatch Agent to send GPS data to the AirWatch Console.
GPS Sample Interval	Set the interval at which the AirWatch Agent collects sample GPS data for the device.
Administrative Passcode	Set the passcode needed to access the **Settings** area of the AirWatch Agent.
Enable Branding	Brand the AirWatch Agent with attributes specific to your company. Set the following applicable options: ● **Login Title Text** – Specify the text users view to log in to the AirWatch Agent. ● **Toolbar** – Specify the color of the toolbar in the AirWatch Agent. ● **Background** – Specify the background color of the AirWatch Agent. ● **Background Image** – Set a specific image for the background of the AirWatch Agent. ● **Company Logo** – Import your company logo in to the AirWatch Agent.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / BlackBerry / Legacy BlackBerry / BES Settings

The Legacy Blackberry BES Settings page lets you configure options related to your BES component. For more information about integrating with your BES, refer to the BES 10 Server Integration section in the **BlackBerry Platform Guide**, available on AirWatch Resources.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
BWS URL	Enter the URL for the BlackBerry Web Services that contains all the web service APIs used to synchronize the AirWatch solution and the BES. The URL format is *https://<BES_URL>/enterprise/admin/ws*.
BWS Util URL	Enter the URL for the BlackBerry Web Services Utility that contains helper APIs used to form credentials for connecting to the BWS. The URL format is *https://<BES_URL>/enterprise/admin/util/ws*.
BES Locale	Enter the country location of the BES. For example, en_US.
Authentication Method	Ensure that the **Authentication Method** field is set to **Active Directory**.
BES Username and Password	Enter the username and password needed to authenticate with the BES in the **BES Username** field and the **BES Password** field.
Domain	Enter a domain for the BES in the **Domain** field.
Organization ID	Enter the applicable ID associated with the BES in the **Organization ID** field. This entry is typically **0**.
Sync Applications	Enable **Sync Applications** if you want to pull a list of applications from BlackBerry devices registered with the BES and **Save** the settings.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Symbian / Agent Application

The Symbian Agent Application settings page lets you specify the fully qualified file path of the location on the AirWatch Console server where the AirWatch Agent is locates so it can be installed on devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Fully qualified path on local server to the Agent files for Blackberry devices	Enter the file path location of the AirWatch Agent in the **Download Path** field. The AirWatch Server finds the AirWatch Agent at this location to install it on the device.
SIS Display Name	Enter the name of the agent application file.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Symbian / Agent Settings

The Symbian Agent Settings page lets you configure options that affect the Symbian Agent application.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Heartbeat Interval (min)	Select the time interval in minutes of sending the heartbeat sample from the device to the server.
Data Sample Interval (min)	Select the time interval in minutes for the agent to collect the data sample.
Agent Polling Interval (min)	Select the time interval in minutes for the agent to check for any profiles that might have been pushed to the device.
Administrative Passcode	Enter a passcode. This passcode is required to perform administrative actions on the device. For example, changing any agent settings ,deleting the agent etc.
Collect Location Data	Enable GPS on the device to collect the location details.
Ignore SSL Errors	Select the checkbox to ignore any SSL errors.
Use AWCM	Select the checkbox if AWCM is being used for communication.
Default Drive for Application Install	The default drive on the device where the apps get installed.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / QNX / Agent Settings

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

General

Setting	Description
Device ID Algorithm	Set the unique device identification algorithm used on the device.
Heartbeat Interval (min)	Set the time (in minutes) the agent waits before checking-in with the AirWatch Console.
Data Sample Interval (min)	Set the time (in minutes) the agent waits to collect data from the device.
Data Transmit Time Interval (min)	Set the time (in minutes) the agent waits to send data to the AirWatch Console.

Application List

Setting	Description
Applications Poll Interval (min)	Set the time (in minutes) the agent waits to check for new applications.

Certificate List

Setting	Description
Certificates Poll Interval (min)	Set the time (in minutes) the agent waits to check for new certificates.

Remote Management

Setting	Description
Mode	Select the Mode to define how the remote management applet and the device communicate over the network: • **Off** – Communication happens directly between the applet and the device. This mode is used when the computer that has the applet and the device you want to remotely manage are on the same network or virtual network. • **Inbound** – This is a legacy setting for the Remote Management Tunnel Server. • **Outbound** – This is a legacy setting for the Remote Management Tunnel Server. • **WebSocket** –Communication flows from the device to the applet. There is no direct connection available between the applet and the device. The applet and the device both proactively establish connections with the tunnel server. Use this when the device and the tunnel server are on different networks and the device can connect to the tunnel server on a public IP, for instance a device out in the field and the applet and tunnel located in a central location.
Enable Encryption	Enable to encrypt the data sent during remote management with AES 128 bit encryption.
Passphrase	Enter a passphrase used for authentication between the applet and the AirWatch Agent.
Remote Management Port	Enter the port used to communicate between the Remote Management Agent and the Tunnel Agent on the end user device. This port is responsible for catching the different frames on the device for use with screen sharing. The default port is 7775 and should not be changed unless port 7775 is in use for other uses in your organization.
Device Log Level	Set the level of verbosity for the device logs when using the remote control application.
Log Folder Path	Enter the folder path for storing the device log.
Max Sessions	Enter the maximum number of sessions allowed through remote management.
Number of Retries	The number of retries allowed before communication attempts stop. This setting is available when **WebSocket** is selected as the **Mode**.
Retry Frequency (Seconds)	The amount of time between attempts to communicate. This setting is available when **WebSocket** is selected as the **Mode**.
Heart Beat Interval (Seconds)	The amount of time (in seconds) that passes between status updates are sent from the device. This setting is available when **WebSocket** is selected as the **Mode**.

Setting	Description
Connection Loss Retry Frequency (Seconds)	The amount of time (in seconds) that passes between attempts to reestablish connection. This setting is available when **WebSocket** is selected as the **Mode**.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Tizen / Agent Settings

The Tizen Agent Settings page lets you configure various options that affect the Tizen Agent mobile app. Adjusting these intervals can impact battery life, with smaller values equating to more frequent pings and greater power consumption.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Beacon Interval (min)	Enter the heartbeat time interval, which is how frequently the Agent checks in with the AirWatch server. Reports beacon data to the AirWatch Console.
Data Sample Interval (min)	Enter the data sample time interval, which is how frequently the Agent collects data from the device.
Data Transmit Interval (min)	Enter the data transmit time interval, which is how frequently the Agent sends data to the AirWatch server.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Chrome OS / Agent Settings

The Chrome OS Agent Setting page lets you to configure the settings for the AirWatch Agent for Chrome OS devices.

To access the agent settings page, navigate to **Groups & Settings > All Settings > Devices & Users > Chrome OS > Agent Settings**.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Beacon Interval (min)	Enter the time interval (in minutes) at which the agent will check in with the AirWatch Console.
Data Sample Interval (min)	Enter the time interval (in minutes) at which the agent will collect a data sample from the device.
Data Transmit Interval (min)	Enter the time interval (in minutes) at which the agent will transmit the collected data sample to the console.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Auto-Discovery

The Windows Auto-Discovery (WADS) settings page lets you set the type of WADS deployment you want to use and configure the related options. Windows Auto-Discovery is a service that allows users to enroll using only their email address and removes the need for end users to enter in a server address and a group identifier.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Auto-Discovery Mode – Select whether to use an on-premises WADS solution or to use AirWatch Cloud-Hosted WADS.

- **On-Premises**

  - **Download Windows Auto-Discovery Installer** – Select to download the installer for creating an on-premises WADS solution.

- **Cloud-Hosted**

  - **Register Domain for Windows Auto-Discovery** – Select to launch the domain registry wizard for configuring a cloud-hosted WADS solution.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Devices & Users / Windows / Windows Rugged / Agent Application

The Windows Rugged Agent Application settings page lets you configure the options for downloading the specific AirWatch Agent for Windows Rugged devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Use Default Cab	Enable to use the default AirWatch Agent for Windows Rugged cab file available from the AirWatch Console. Disable this option to use custom cabs you upload. • **Fully qualified path on local server to the Agent files for Windows Rugged devices** – Enter the file path on the local server for the default cab if you enable the default cab.
Add Application	Select to upload a custom cab file to push to Windows Rugged devices. • **Platform** – Choose the cab file's specific OS. This option allows you to upload different cabs for different operating systems that your Windows Rugged devices use.
WM enrollment cab	Select the custom cab you want to push to devices running Windows Mobile.
CE enrollment cab	Select the custom cab you want to push to ARM-based devices running Windows CE.
x86 CE enrollment cab	Select the custom cab you want to push to x86-based devices running Windows CE.

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Rugged / Agent Settings

The Windows Rugged Agent Settings page lets you configure the options for the AirWatch Agent for Windows Rugged devices.

• **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

General

Setting	Description
Device ID Algorithm	Set the unique device identification algorithm used on the device.
Heartbeat Interval (min)	Set the time (in minutes) the agent waits before checking in with the AirWatch Console.

Setting	Description
Data Sample Interval (min)	Set the time (in minutes) the agent waits to collect data from the device.
Data Transmit Time Interval (min)	Set the time (in minutes) the agent waits to send data collected from the device to the AirWatch Console.
Check-In on Condition (Event)	Enable to limit the agent to check-in or beacon to the AirWatch Console only when certain conditions (Wi-Fi connection, AC Power, or NW Adapter) are met. This helps reduce bandwidth issues as devices typically meet the condition when they are stored for after hours.

Shared Devices (Check-in / Check-out)

Setting	Description
Enable Shared Device Mode	Select this check box to enable shared device functionality. For more information, see the Windows Rugged Launcher Profile Overview**VMware AirWatch Windows Rugged Platform Guide**, available on AirWatch Resources.

Notifications

Setting	Description
Enable Agent Installation Complete Notification	Select this check box to enable or disable notifications for Agent installation completion.
Enable Product Install Status Notification	Select this check box to enable or disable notifications through the Agent for product installation completion.

Location

Setting	Description
Collect Location Data	Enable to allow the agent to determine the device location based on a device's Wi-Fi network. When available, the agent will report the location to the AirWatch Console using the Data Transmit Interval.

Application List

Setting	Description
Applications Poll Interval (min)	Set the time interval (in minutes) at which the applications list for each device will refresh on the AirWatch Console.

Certificate List

Setting	Description
Certificate Poll Interval (min)	Set the time interval at which the certificate list for each device will refresh on the AirWatch Console.

Proxy

Setting	Description
Proxy Configuration	Enable to allow the configuration of a proxy settings.

Application Manager Package Scheduler (Only for AirWatch 3.3 Agent)

These settings are for the legacy AirWatch Agent v3.3.

Use the **APPLICATION MANAGER SCHEDULER** to define a schedule for devices with the AirWatch Agent v3.3+ to retrieve products provisioned on schedule.

Setting	Description
Add	Select to create schedules for provisioning products using Products (Legacy).
Application Manager Scheduler	Select the hour the product begins to push to devices.
Randomization Window (min)	Select the amount of time the product is pushed over. The order of devices is randomized.

Remote Management

Setting	Description
Download Remote Control Cab	Select this link to download the cabinet (CAB) installer file for AirWatch Remote Management.
Seek Permission	Enable Seek Permission if you want to prompt the end user to accept or decline the remote management request from the admin. • Enter a **Seek Permission Message** that the end user sees when a remote request is sent. • Enter the **Yes Caption** message for the accept button the end user sees on the Seek Permission request. • Enter the **No Caption** message for the decline button the end user sees on the Seek Permission request.

Setting	Description
<td colspan="2" align="center">**Advanced**</td>	
Remote Management Port	Enter the port used to communicate between the Remote Management Agent and the Tunnel Agent on the end-user device. This port is responsible for caching the different frames on the device for use with the screen sharing function. The default port is 7775. Consider leaving the default setting unless port 7775 is in use for other uses in your organization.
Device Log Level	Set the Device Log Level to control the verbosity of the remote management application on the device.
Log Folder Path	Define the Log Folder Path where the application saves the remote management log file on the device.
Display Tray Icon	Enable Display Tray Icon to show the remote management applet on the device.
Max Sessions	Enter the maximum number of concurrent sessions allowed on a device.
Number of Retries	Enter the number of retries allowed before communication attempts stop.
Retry Frequency (Seconds)	Enter the amount of time between attempts to communicate.
Heartbeat Interval (Seconds)	Enter the amount of time (in seconds) that passes between status updates that are sent from the device.
Connection Loss Retry Frequency (Seconds)	Enter the amount of time (in seconds) that passes between attempts to reestablish the connection.

Product Provisioning

Settings	Descriptions
Job Log Level	Select the level of detail your job logs contain. You can choose between the following options. **Error** – The log contains errors only. This setting produces the smallest amount of detail. **Warning** – The log contains errors and all warnings. **Information** – The log contains all errors, all warnings, and all supplemental information. **Verbose** – The log contains all of the above plus the entire ledger of exchanges between the device and the server, no matter how trivial. Select this option for troubleshooting purposes. This option produces the largest log.

Wipe

Settings	Descriptions
Retain Agent Executables After Enterprise Wipe	Enable to keep the agent executable files after an enterprise wipe command is issued to the device.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Rugged / Power On Password

The Windows Rugged Power On Password settings page lets you configure the options for requiring a password on device startup.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Force Password Expiration	Enable to force the password to expire so that the user must change the password.
View Power On Password	Enable to allow the user to see the password they enter.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Rugged / Metrics

The Windows Rugged Metrics settings page lets you configure the options for downloading the MotoDC metrics application as well as configure the metrics collected.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Download MotoDC	Select to download the MotoDC cab to collect device metrics. You can set which metrics to collect below the download link.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Rugged / Advanced

The Windows Desktop Advanced settings page lets you configure the various advanced options for the AirWatch Agent for Windows Rugged.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Path to App Update	Enter the default directory for app updates on devices.
Intermec Reboot Exe	Enter the default path to the reboot executable (Intermec Devices).

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Phone / Agent Application

The Windows Phone Agent Application settings page lets you configure the options for hosting the AirWatch Agent for Windows Phone devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Agent Download URL	Enter the AirWatch Agent for Windows Phone download URL.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Phone / Agent Settings

The Windows Phone Agent Settings page lets you configure the options for the AirWatch Agent for Windows Phone devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

DM Sessions Settings

Setting	Description
Enterprise Name	Set the Enterprise Name that the Workplace feature of the Windows Phone device shows when a device is enrolled in AirWatch.
Device Sync Interval (min)	Set the time (in minutes or hours) the native DM client waits before checking in with the AirWatch Console.

AirWatch Agent Settings

Setting	Description
Heartbeat Interval (min)	Set the time (in minutes) the agent waits before checking in with the AirWatch Console.
Data Sample Interval (min)	Set the time (in minutes) the agent waits to collect data from the device.
Profile Refresh Interval (min)	Set the frequency (in minutes) the profile list of each device refreshes on the server.
Enable Passcode	Enable the use of a passcode to access the agent settings on the device.
Administrative Passcode	Enter the administrative passcode to enter for access to agent settings on the device.
Collect Location Data	Enable to collect the location data from the device. The location is determined based on the Wi-Fi network of the device. When located data is available, the agent sends the location data to the console at the Transmit Interval.
GPS Sample Interval (min)	Set the time (in minutes) the agent waits before collecting GPS data from the device.
Enable Push Notification Services	Enable to allow the console to send Push Notifications to devices.

Enterprise App Management

Setting	Description
Enable Enterprise App Management	Enable to use the Enterprise Application Management feature for pushing internal applications to Windows Phone devices.
Upload Enterprise Token	Select Change to upload an Enterprise Token for use with Enterprise Application Management.

Important: This token expires annually. If the token is expired and still enabled, you cannot enroll into this organization group.

About Page Configuration

Setting	Description
Customize About Page Content	Enable to display a text field for customizing the agent about page.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means

they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Phone / Company Hub Settings

The Windows Phone Company Hub settings page lets you configure the options for using the company hub applications with Windows Phone.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Company Hub	Enable to use the Company Hub functionality to silently push an enhanced AirWatch Agent to devices after enrollment. Company Hub requires the use of Enterprise Application Tokens.
Company Hub Name	Enter the display name of the Company Hub application.
Company Hub Application	Select the Company Hub application from the drop-down list of all Windows Phone internal application.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Phone / MDM Sample Schedule

The Windows Phone MDM Sample Schedule settings page lets you configure the time intervals at which certain data samples are sent to the AirWatch Console server.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Application List Sample	Enter the frequency by which application list information is refreshed on the AirWatch server.
Certificate List Sample	Enter the frequency by which certificate list information is refreshed on the AirWatch server.
Device Details Sample	Enter the frequency by which device information is refreshed on the AirWatch server.
Email EAS Active Sync Sample	Enter the frequency by which EAS information is refreshed on the AirWatch server.

Setting	Description
Enterprise Application Token	Enter the frequency by which enterprise application token information is refreshed on the AirWatch server.
Internet Email Accounts Sample	Enter the frequency by which internet email account information is refreshed on the AirWatch server.
Security Information Sample	Enter the frequency by which security information is refreshed on the AirWatch server.
Health Attestation Sample	Enter the frequency by which health attestation information is refreshed on the AirWatch server.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Phone / Windows Health Attestation

The Health Attestation settings page allows you to configure the compromised status definitions for Windows Phone devices.

Settings	Descriptions
Compromised Status Definition	
Use Custom Server	Select to configure a custom server for Health Attestation. This option requires a server running Windows Server 2016 or newer. Enabling this option displays the **Server URL** field.
Server URL	Enter the URL for your custom Health Attestation server.
Secure Boot Disabled	Enable to flag compromised device status when Secure Boot is disabled on the device. Secure Boot forces the system to boot to a factory trusted state. When Secure Boot is enabled, the core components used to boot the machine must have the correct cryptographic signatures that the OEM trusts. The UEFI firmware verifies the trust before it allows the machine to start. Secure boot prevents the startup if any it detects any tampered files.
Attestation Identity Key (AIK) Not Present	Enable to flag compromised device status when the AIK is not present on the device. Attestation Identity Key (AIK) is present on a device, it indicates that the device has an endorsement key (EK) certificate. It can be trusted more than a device that does not have an EK certificate.
Data Execution Prevention (DEP) Policy Disabled	Enable to flag compromised device status when the DEP is disabled on the device. The Data Execution Prevention (DEP) Policy is a memory protection feature built into the system level of the OS. The policy prevents running code from data pages such as the default heap, stacks, and memory pools. DEP is enforced by both hardware and software.

Settings	Descriptions
BitLocker Disabled	Enable to flag compromised device status when BitLocker encryption is disabled on the device.
Code Integrity Check Disabled	Enable to flag compromised device status when the code integrity check is disabled on the device.
	Code integrity is a feature that validates the integrity of a driver or system file each time it is loaded into memory. Code integrity checks for unsigned drivers or system files before they load into the kernel. The check also scans for users with administrative privileges running system files modified by malicious software .
Early Launch Anti-Malware Disabled	Enable to flag compromised device status when the early launch anti-malware is disabled on the device.
	Early launch anti-malware (ELAM) provides protection for the computers in your network when they start up and before third-party drivers initialize.
Code Integrity Version Check	Enable to flag compromised device status when the code integrity version check fails.
Boot Manager Version Check	Enable to flag compromised device status when the boot manager version check fails.
Boot App Security Version Number Check	Enable to flag compromised device status when the boot app security version number does not meet the entered number.
Boot Manager Security Version Number Check	Enable to flag compromised device status when the boot manager security version number does not meet the entered number.
Advanced Settings	Enable to configure advance settings in the Software Version Identifiers section.
Software Version Identifiers	
Code Integrity Policy Hash Check	Enable to define a whitelist of known, valid hash values for the **Code Integrity** software. If the hash is not a whitelisted value, health attestation compliance fails.
Secure Boot Config Policy Hash Check	Enable to define a whitelist of known, valid hash values for the **Secure Boot Config** software. If the hash is not a whitelisted value, health attestation compliance fails.

Settings	Descriptions
PCR0 Check	Enable to define a whitelist of known, valid measurements for the **PRC0 Check** software. This measurement checks the BIOS trusted code to ensure that it has not been compromised. If the measurement is not a whitelisted value, health attestation compliance fails.

Devices & Users / Windows / Windows 7 / Agent Application

The Windows 7 Agent Application settings page lets you configure the options for hosting the AirWatch Agent for Windows 7 devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Fully qualified path on local server to the Agent files for Windows PC	Enter the file path on the local server to the agent files for the AirWatch Agent for Windows 7 devices.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows 7 / Agent Settings

The Windows 7 Agent Settings page lets you configure the options for the AirWatch Agent for Windows 7 devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Beacon Interval (min)	Enter the time interval (in minutes) at which the agent will check in with the AirWatch Console.
Data Sample Interval (min)	Enter the time interval (in minutes) at which the agent will collect a data sample from the device.
Data Transmit Interval (min)	Enter the time interval (in minutes) at which the agent will transmit the collected data sample to the console. This settings also controls how often the AirWatch Agent checks for a new automatic upgrade if enabled.

Setting	Description
Block Enrollment if Windows Genuine validation fails	Enable to block devices with non-genuine copies of Windows Operating Systems from enrolling into AirWatch. • If a device is enrolled and the agent detects the Windows copy is not genuine, the agent will send an Enterprise Wipe command to the device. • If a device attempts to enroll and the copy of Windows is not genuine, a Non-Compliance message will display and immediately unenroll a device.
Enforce Passcode Profile	Enable to force the agent to prompt end users for password changes when a passcode profile is installed or updated. This option does not apply to domain-joined devices.
Windows Agent Automatic Updates	Enable to automatically update the AirWatch Agent when an update becomes available.

Remote Management

Setting	Description
Download Remote Control Cab	Select this link to download the cabinet (CAB) installer file for AirWatch Remote Management.
Seek Permission	Enable Seek Permission if you want to prompt the end user to accept or decline the remote management request from the admin. • Enter a **Seek Permission Message** that the end user sees when a remote request is sent. • Enter the **Yes Caption** message for the accept button the end user sees on the Seek Permission request. • Enter the **No Caption** message for the decline button the end user sees on the Seek Permission request.
Advanced	
Remote Management Port	Enter the port used to communicate between the Remote Management Agent and the Tunnel Agent on the end-user device. This port is responsible for caching the different frames on the device for use with the screen sharing function. The default port is 7775. Consider leaving the default setting unless port 7775 is in use for other uses in your organization.
Device Log Level	Set the Device Log Level to control the verbosity of the remote management application on the device.
Log Folder Path	Define the Log Folder Path where the application saves the remote management log file on the device.
Display Tray Icon	Enable Display Tray Icon to show the remote management applet on the device.
Max Sessions	Enter the maximum number of concurrent sessions allowed on a device.

Setting	Description
Number of Retries	Enter the number of retries allowed before communication attempts stop.
Retry Frequency (Seconds)	Enter the amount of time between attempts to communicate.
Heartbeat Interval (Seconds)	Enter the amount of time (in seconds) that passes between status updates that are sent from the device.
Connection Loss Retry Frequency (Seconds)	Enter the amount of time (in seconds) that passes between attempts to reestablish the connection.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / General

The Windows Desktop General settings page lets you configure the options for using Powershell with Windows 8.0/RT devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Settings	Descriptions
PowerShell URL	Enter the URL where the AirWatch Console can access your PowerShell service.
Username	Enter the username the AirWatch Console needs to communicate with the PowerShell service.
Password	Enter the password the AirWatch Console needs to communicate with the PowerShell service.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / Agent Application

The Windows Desktop Agent Application page lets you configure the various options for the AirWatch Protection Agent.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Publish AirWatch Protection Agent	Enable to use the AirWatch Protection Agent for Windows 8.1 devices to configure device security and protection settings.
Device Ownership Type	Select the ownership types you want to require enrolling with the AirWatch Protection Agent enrollment method.
Protection Agent Automatic Updates	Enable to automatically update the AirWatch Protection Agent when a new version is available.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / Agent Settings

The Windows Desktop Agent Settings page lets you configure the various options for the AirWatch Agent for Windows Desktop devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Modern Agent

Settings	Descriptions
Heartbeat Interval (min)	Defines the intervals at which the AirWatch Agent and the AirWatch Console confirm a continued connection and synchronize.
Data Sample Interval (min)	Defines the intervals at which the AirWatch Agent takes samples of data.
Administrative Passcode	Sets the passcode to access administrative settings on the device.

AirWatch Protection Agent

Setting	Description
Data Sample Interval (min)	Defines the intervals at which the AirWatch Protection Agent takes a sample of data from the device.

Remote Management

Setting	Description
Download Remote Control Cab	Select this link to download the cabinet (CAB) installer file for AirWatch Remote Management.
Seek Permission	Enable Seek Permission if you want to prompt the end user to accept or decline the remote management request from the admin. • Enter a **Seek Permission Message** that the end user sees when a remote request is sent. • Enter the **Yes Caption** message for the accept button the end user sees on the Seek Permission request. • Enter the **No Caption** message for the decline button the end user sees on the Seek Permission request.
Advanced	
Remote Management Port	Enter the port used to communicate between the Remote Management Agent and the Tunnel Agent on the end-user device. This port is responsible for caching the different frames on the device for use with the screen sharing function. The default port is 7775. Consider leaving the default setting unless port 7775 is in use for other uses in your organization.
Device Log Level	Set the Device Log Level to control the verbosity of the remote management application on the device.
Log Folder Path	Define the Log Folder Path where the application saves the remote management log file on the device.
Display Tray Icon	Enable Display Tray Icon to show the remote management applet on the device.
Max Sessions	Enter the maximum number of concurrent sessions allowed on a device.
Number of Retries	Enter the number of retries allowed before communication attempts stop.
Retry Frequency (Seconds)	Enter the amount of time between attempts to communicate.
Heartbeat Interval (Seconds)	Enter the amount of time (in seconds) that passes between status updates that are sent from the device.
Connection Loss Retry Frequency (Seconds)	Enter the amount of time (in seconds) that passes between attempts to reestablish the connection.

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / App Deployments

The Windows Desktop App Deployments page lets you configure software package deployment for Win32 applications.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Software Package Deployment	Select Enabled to enable the ability to deploy Win32 applications from the Apps & Books section so that you can use the application life cycle flow that exists for all internal applications.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / Enterprise Apps

The Windows Desktop Enterprise Apps settings page lets you configure the various options for Enterprise Application Management.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Enable Enterprise Application Management	Enable to use the Enterprise Application Management feature for pushing internal applications to Windows Desktop devices.
Side Loading Key	Enter the Side Loading Key required for pushing internal applications to Windows Desktop devices.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / Windows Sample Schedule

The Windows Desktop Sample Schedule settings page lets you configure the time intervals at which certain data samples are sent to the AirWatch Console server.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Device Details Sample	Enter the frequency by which device information is refreshed on the AirWatch server.
Security Information Sample	Enter the frequency by which security information is refreshed on the AirWatch server.
Browser Information Sample	Enter the frequency by which browser information is refreshed on the AirWatch server.
Application List Sample	Enter the frequency by which application information is refreshed on the AirWatch server.
Certificate List Sample	Enter the frequency by which certificate information is refreshed on the AirWatch server.
Restriction Information Sample	Enter the frequency by which restriction information is refreshed on the AirWatch server.
Health Attestation Sample	Enter the frequency by which health attestation information is refreshed on the AirWatch sever.
Update Sample	Enter the frequency by which Windows update information is refreshed on the AirWatch server.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Windows / Windows Desktop / Windows Health Attestation

The Health Attestation settings page allows you to configure the compromised status definitions for Windows Desktop devices.

Settings	Descriptions
Compromised Status Definition	
Use Custom Server	Select to configure a custom server for Health Attestation. This option requires a server running Windows Server 2016 or newer. Enabling this option displays the **Server URL** field.
Server URL	Enter the URL for your custom Health Attestation server.
Secure Boot Disabled	Enable to flag compromised device status when Secure Boot is disabled on the device. Secure Boot forces the system to boot to a factory trusted state. When Secure Boot is enabled, the core components used to boot the machine must have the correct cryptographic signatures that the OEM trusts. The UEFI firmware verifies the trust before it allows the machine to start. Secure boot prevents the startup if any it detects any tampered files.

Settings	Descriptions
Attestation Identity Key (AIK) Not Present	Enable to flag compromised device status when the AIK is not present on the device. Attestation Identity Key (AIK) is present on a device, it indicates that the device has an endorsement key (EK) certificate. It can be trusted more than a device that does not have an EK certificate.
Data Execution Prevention (DEP) Policy Disabled	Enable to flag compromised device status when the DEP is disabled on the device. The Data Execution Prevention (DEP) Policy is a memory protection feature built into the system level of the OS. The policy prevents running code from data pages such as the default heap, stacks, and memory pools. DEP is enforced by both hardware and software.
BitLocker Disabled	Enable to flag compromised device status when BitLocker encryption is disabled on the device.
Code Integrity Check Disabled	Enable to flag compromised device status when the code integrity check is disabled on the device. Code integrity is a feature that validates the integrity of a driver or system file each time it is loaded into memory. Code integrity checks for unsigned drivers or system files before they load into the kernel. The check also scans for users with administrative privileges running system files modified by malicious software .
Early Launch Anti-Malware Disabled	Enable to flag compromised device status when the early launch anti-malware is disabled on the device. Early launch anti-malware (ELAM) provides protection for the computers in your network when they start up and before third-party drivers initialize.
Code Integrity Version Check	Enable to flag compromised device status when the code integrity version check fails.
Boot Manager Version Check	Enable to flag compromised device status when the boot manager version check fails.
Boot App Security Version Number Check	Enable to flag compromised device status when the boot app security version number does not meet the entered number.
Boot Manager Security Version Number Check	Enable to flag compromised device status when the boot manager security version number does not meet the entered number.

Settings	Descriptions
Advanced Settings	Enable to configure advance settings in the Software Version Identifiers section.
Software Version Identifiers	
Code Integrity Policy Hash Check	Enable to define a whitelist of known, valid hash values for the **Code Integrity** software. If the hash is not a whitelisted value, health attestation compliance fails.
Secure Boot Config Policy Hash Check	Enable to define a whitelist of known, valid hash values for the **Secure Boot Config** software. If the hash is not a whitelisted value, health attestation compliance fails.
PCR0 Check	Enable to define a whitelist of known, valid measurements for the **PRC0 Check** software. This measurement checks the BIOS trusted code to ensure that it has not been compromised. If the measurement is not a whitelisted value, health attestation compliance fails.

Devices & Users / Windows / Windows Desktop / Staging & Provisioning

The Staging & Provisioning page displays the information you need to create a provisioning pack for bulk staging of Windows 10 devices. The information displayed is used in the creation. When you visit the page for the first time, a staging user is created that the information applies to.

Devices & Users / Advanced / Bulk Management

The Bulk Management settings page lets you determine the maximum number of devices that can be affected by a bulk management action performed by an administrator in the AirWatch Console.

Next to each action, enter the maximum number of allowable device changes that you want to occur at once using bulk management.

Setting	Description
Query	Enter the maximum number of device queries you can run in a bulk command.
Send Message	Enter the maximum number of devices that can receive a bulk message.
Enterprise Wipe	Enter the maximum number of devices you may wipe in a bulk command.
Delete Device	Enter the maximum number of devices you may remove from AirWatch as part of a bulk command.
Enterprise Reset	Enter the maximum number of devices you may invoke an enterprise reset in a bulk command.
Device Wipe	Enter the maximum number of devices you may wipe in a bulk command.
Lock Device	Enter the maximum number of devices you may lock in a bulk command.
GPS	Enter the maximum number of devices from which you may request GPS data in a bulk command.

Setting	Description
Change Organization Group	Enter the maximum number of devices for which you may change the organization group in a bulk command.
Change Ownership	Enter the maximum number of ownership changes you may invoke upon devices as part of a bulk command.
Warm Boot	Enter the maximum number of devices you may invoke a warm boot operation in a bulk command.
Provision Now	Enter the maximum number of devices you may concurrently provision as part of a bulk command.
Shutdown and Reboot	Enter the maximum number of devices upon which you may invoke a shutdown and reboot bulk command.
Do Not Disturb	Enter the maximum number of devices you may set to Do Not Disturb as part of a bulk command.
Add Tag	Enter the maximum number of devices to which you are able to add a bulk tag.
Enable Lost Mode	Enter the maximum number of devices for which you may enable lost mode in a bulk command.
Disable Lost Mode	Enter the maximum number of devices for which you may disable lost mode in a bulk command.
Custom Command	Enter the maximum number of devices upon which you may invoke a custom bulk command.
iOS Update	Enter the maximum number of iOS devices whose operating systems can be updated concurrently as part of a bulk command.

Devices & Users / Advanced / Custom Fields

The Custom Field Definitions settings page correlates with a legacy AirWatch Agent for Windows Rugged devices. If you are using up-to-date versions of the Agent this setting page does not apply to you. You should not modify the settings on this page unless you know what they do and have talked to AirWatch about modifying them.

Devices & Users / Advanced / Device Groups

Device Groups is a legacy setting that defines a group of devices without reference to their location. In the current version of AirWatch, this functionality is much better served by making use of device tags or smart groups.

Setting	Description
Add New Device Group	Select this button to display the Add New Device Group screen and complete the following options. • **Device Group** – Required field used to label the device group. • **Organization Group** – Required field used to identify the OG in which this device group resides. • **Location** – This optional field allows you to define a single location for the device group, independent from the organization group. • **Description** – Enter a description of the device group's purpose.

Devices & Users / Advanced / Area

The Area settings page lets you add geofences or iBeacons for use in the AirWatch Console.

AirWatch enables you to define your profile with a Geofence. A geofence limits the use of the device to specific areas including corporate offices, school buildings, and retail department stores. You can think of a Geofence as a virtual perimeter for a real-world geographic area.

For example, a Geofence with a 1-mile radius may apply to your office, while a much larger Geofence may apply approximately to an entire state. Once you have defined a Geofence you can apply it to profiles, SDK applications, and AirWatch apps such as the VMware Content Locker, and more.

Devices & Users / Advanced / Tags

The tags settings page lets you add tags for use in the AirWatch Console. Tags allow you to easily identify a specific device without requiring a device profile, smart group or compliance policy and without requiring the creation of a note.

Devices & Users / Advanced / User Categories

User Categories is a legacy setting that defines a user or a group of users without reference to their location or role. In the current version of AirWatch, this functionality is much better served by making use of child organization groups and user groups.

For Windows Rugged devices only, User Categories are the way to establish multi-user device staging. In such a case, you would create a User Category for each user that needs to share a single Windows Rugged device. You would then associate the Windows Rugged Launcher with the established User Categories, thereby effectively implementing multi-user device staging.

Select the **Add** button to create a user category and complete the following options.

Setting	Description
Name	Required field used to label the user category.
Description	Enter a description of the user category's purpose.

Devices & Users / Advanced / User Migration

The User Migration settings page lets customers with Basic Users intending to switch over to LDAP users employ the User Migration feature. The User Migration tool provides an easy way to check existing Basic Users against current directory users and consolidate information throughout. Additionally, customers using Auth Proxy or legacy SAML who want to start utilizing user groups may employ the User Migration feature to update their users.

> 💡 For more information about the User Migration feature, refer to the following AirWatch Knowledge Base article: https://support.air-watch.com/articles/115001701188.

Devices & Users / Advanced / Unmanaged Device Wipe Protection

The Unmanaged Wipe Protection settings page lets you configure options that let you exert more control over how and when **unmanaged devices** can be wiped to avoid mass wiping devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Unmanaged Device Wipe Protection

Setting	Description
Wiped Devices	Enter the number of **Wiped Devices** that acts as your threshold for triggering wipe protection.
Within (minutes)	Enter the value for **Within (minutes)** which is the amount of time the wipes must occur in order to trigger wipe protection.
Email	Select a message template to email to administrators. Create a message template for wipe protection by navigating to **Devices & Users > General > Message Templates**. Then add a new template and select **Device Lifecycle** as the **Category** and **Wipe Protection Notification** as the **Type**. You can use the following lookup values as part of your message template. • {EnterpriseWipeInterval} – The value of **Within (minutes)** on the settings page. • {WipeLogConsolePage} – A link to the Wipe Log page.
To	Enter the email addresses of administrators who should receive this notification message. You should only notify administrators who have access to the Wipe Log page.
Allow Enterprise Wipes	Enable the enterprise wiping of unmanaged devices. The default setting is enabled.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Advanced / Managed Device Wipe Protection

The Wipe Protection settings page lets you configure options that let you exert more control over how and when **managed devices** can be wiped to avoid mass wiping devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Managed Device Wipe Protection

Setting	Description
Wiped Devices	Enter the number of **Wiped Devices** that acts as your threshold for triggering wipe protection.
Within (minutes)	Enter the value for **Within (minutes)** which is the amount of time the wipes must occur in order to trigger wipe protection.
Email	Select a message template to email to administrators. Create a message template for wipe protection by navigating to **Devices & Users > General > Message Templates**. Then add a new template and select **Device Lifecycle** as the **Category** and **Wipe Protection Notification** as the **Type**. You can use the following lookup values as part of your message template. • {EnterpriseWipeInterval} – The value of **Within (minutes)** on the settings page. • {WipeLogConsolePage} – A link to the Wipe Log page.
To	Enter the email addresses of administrators who should receive this notification message. You should only notify administrators who have access to the Wipe Log page.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Devices & Users / Advanced / Profile Options

The Profile Options settings page lets you enable a setting that lets administrators select the **Interactive Assignment Type** for device profiles. The Interactive settings means the only way a profile can be installed on a device is if the user logs in to the Self-Service Portal and initiates the installation.

Chapter 4:
Apps

Office 365 Settings

Apps / App Scan / Third Party Integration

The Third Part Integration settings page allows you to add your App Scan service information to the AirWatch Console so that the systems can share applications and scan results.

> **Note**: Ensure you are in the desired organization group that is a **Customer** type.

Common Settings

Setting	Description
Enable Third Party App Scan Analysis	Select to enable communication between AirWatch and the App Scan Vendor and to display available options on the page.
Choose App Scan Vendor	Select the applicable third-party vendor.

Setting	Description
Save	Saves configurations and syncs with the App Scan Vendor when the AirWatch scheduler task runs.
Sync Now	Saves configurations and begins a manual sync with the App Scan Vendor without waiting for the scheduler task to run.

Veracode Mobile Application Reputation Service (MARS) Settings

Setting	Description
Veracode Username	Enter the username for your Veracode MARS.
Veracode Password	Enter the password for the username to authenticate to your Veracode MARS.
Veracode REST API URL	Enter the URL for your Veracode MARS to direct AirWatch to the service.

Setting	Description
Enable Email Notification	Displays the **Application Group Creation** area to configure the system to send notifications to admins when analysis creates new app groups in AirWatch.
Send Email To	Enter email addresses to receive notifications about new app groups created by analysis. Use a comma to separate addresses.
Message Template	Use **Message Preview** to see the email that the system sends upon the creation of new app groups using the **Vendor Application Group Creation Notification** template.

Palo Alto Networks WildFire Settings

Setting	Description
WildFire API Key	Enter the key for your WildFire system so AirWatch can send application hashes directly to WildFire.

Pradeo Security System

Setting	Description
Pradeo Username	Enter the username for your Pradeo.
Pradeo Password	Enter the password for the username to authenticate to your Pradeo.
Pradeo REST API URL	Enter the URL for your Pradeo to direct AirWatch to the service.

Setting	Description
Enable Email Notification	Displays the **Application Group Creation** area to configure the system to send notifications to admins when analysis creates new app groups in AirWatch.
Send Email To	Enter email addresses to receive notifications about new app groups created by analysis. Use a comma to separate addresses.
Message Template	Use **Message Preview** to see the email that the system sends upon the creation of new app groups using the **Vendor Application Group Creation Notification** template.

Appthority

Setting	Description
Appthority Username	Enter the username for your Appthority.
Appthority Password	Enter the password for the username to authenticate to your Appthority.
Appthority REST API URL	Enter the URL for your Appthority to direct AirWatch to the service.

Setting	Description
Enable Email Notification	Displays the **Application Group Creation** area to configure the system to send notifications to admins when analysis creates new app groups in AirWatch.
Send Email To	Enter email addresses to receive notifications about new app groups created by analysis. Use a comma to separate addresses.
Message Template	Use **Message Preview** to see the email that the system sends upon the creation of new app groups using the **Vendor Application Group Creation Notification** template.

Apps / Application Integration / TouchDown

The NitroDesk TouchDown settings page lets you configure some options related to the NitroDesk TouchDown email client.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
TouchDown for iOS Type	Select the type of iOS Touchdown app. Options are Standard, Government, and Custom.
Bundle	The ID used by iOS to uniquely identify an application. It follows the reverse DNS format.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Application Integration / Workspace Portal

If you have never set up NAPPS integration using this settings page, then you can safely ignore it. It is not used to provide Workspace ONE functionality. This page is only intended for customers who have already used it to set up integration.

Newer Integration Method

For more information about integrating AirWatch with Identity Manager and deploying Workspace ONE with single sign-on to devices, see the Workspace ONE Quick Start Guide, available at https://docs.vmware.com/en/VMware-Identity-Manager/3.2/ws1_quickconfiguration.pdf.

Apps / Browser

The Browser settings page lets you configure settings related to the VMware Browser app.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Browser Settings

Setting	Description
Settings and Policies	
Application Profile	Select an application profile to apply SDK functionality to your app. - **Default** – Allow applications to use the default security policies and settings defined under **Apps and Books > Settings > Settings and Policies**. - **Custom** – Override default settings and apply custom profiles. Custom profiles use the security policies and settings defined under **Apps and Books > Settings > Settings and Policies > Profiles**.

iOS SDK Profile	Select the appropriate profile from the drop-down menu that appears when you enable a **Custom Application Profile** to override default SDK settings.
Android SDK Profile	Select the appropriate profile from the drop-down menu that appears when you enable a **Custom Application Profile** to override default SDK settings.
Use Legacy Settings and Policies	Enable to configure settings and policies for legacy browsers only.
Disable Copy	(Legacy Browsers only) Enable this option to prevent copying from device. Configure this option under **Data Loss Prevention** in **Settings > Apps > Settings and Policies**.
Disable Printing	(Legacy Browsers only) Enable this option to prevent printing from device. Configure this option under **Data Loss Prevention** in **Settings > Apps > Settings and Policies**.
Force Downloads To Open in Content Locker	(Legacy Browsers only) Enable this option to open the force downloaded documents in Content Locker. Configure this option under **Data Loss Prevention** in **Settings > Apps > Settings and Policies**.
Enable AW Tunnel Proxy	(Legacy Browsers only) Enable AW App Tunnel Proxy to access internal network. Configure this option under **Data Loss Prevention** in **Settings > Apps > Settings and Policies**.
iOS SDK Profile (Legacy)	Select the appropriate iOS SDK profile from the drop-down menu for the legacy browser.
General	
Accept Cookies	**Enable** to accept cookies from websites viewed in the VMware Browser.
Clear Cookies Upon Exit	**Enable** to clear cookies when the app fully closes.
Encrypt Cookies	Select **Disabled** for maximum app performance. **Enable** cookie encryption to add a further layer of security.
Clear Cookies and History if Idle	**Enable** to clear cookies and history if the Browser is idle for x minutes.
Clear Cookies and History if Idle for (mins)	Set the idle time in minutes to a value between 0.5 and 60 to ensure cookies and history are clear.
Remember History	**Enable** to keep track of the sites visited by the user.
Remember History From	Select the length of time you want the app to remember history to from the drop-down menu.
Caching	**Enable** to enhance web performance and reduce perceived lag time. **Disable** to protect browsing data on compromised devices.

Allow Connection to Untrusted Sites	**Disable** if navigating to untrusted sites is a security concern for your organization. **Enable** to give end users maximum navigation flexibility and ease of use.
Sync User Bookmarks	**Enable** this to sync bookmarks across various devices of the same user.
Default View Mode	Set the default view mode for VMware Browser. Select Desktop to set desktop as the default view mode. When selected, the VMware Browser renders the web pages in desktop mode if the websites supports the mode.
Mode	
Kiosk Mode	**Enable** for VMware Browser to function in **Kiosk Mode**. Kiosk Mode removes the navigation bar and limits browsing to the homepage and its available links.
Return Home After Inactivity	Direct the browser back to the home page after a period of **Inactivity (min)**. The values can be greater than or equal to 0.5 minutes.
Clear Cookies and History with Home	Prevent users from accessing the previous user's secure information after they finish using the Browser.
Enable Multiple Tabs Support	You can have multiple tabs opened within kiosk mode. This feature is supported only on iOS and Android devices.
Home Page URL	Define the URL displayed when the browser starts. Leave this field blank to display a 'Recently Visited' page by default.
Selection Mode	**Allow** to limit browsing to domains white listed in the **Allowed Site URLs** field. **Deny** to allow browsing to all sites except those blacklisted in the **Denied Site URLs** field.
Allowed/Denied Site URLs	Utilize the following recommendations to whitelist allowed domains and blacklist denied domains. ● Define domain names without including full URLs. The browser filters by domain only, not by folder or page level. ● Separate domains with a space, comma, or a new line. ● Define wildcards as part of the domains; listing items from most general to specific. Example: *google.com is more general than http://yahoo.com. Entering *.google.com whitelists <text>.google.com, but it *does not* allow access to http://google.com. ● Leave out the scheme (http:// or https://) to test the domain for both schemes. Include the scheme to limit testing to the specified scheme. ● You can enter Port value separately. Restricted URL can contain the complete path, for example, http:// google.com:9191.
Allow IP Browsing	Select to whitelist IP addresses for browsing. A user can navigate to a whitelisted IP address even if the actual domain for the IP address was included in the Denied Site URL listing.

Allowed IP Addresses	Whitelist IP addresses using the following recommendations: • Enter values in IPv4 formatting with four octets each separated by a period. • Enter wildcards to whitelist octets. Adding an entry that includes a * in each octet allows browsing to any IP address.
Terms of Use	
Required Terms of Use	Select the appropriate agreement from the drop-down menu. For all internal AirWatch apps, including the VMware Browser, you can implement a single Terms of Use Agreement for end users to accept. This agreement applies to all AirWatch internal applications, and eliminates the need for end users to accept the same agreement multiple times, across apps. You can configure and manage your Terms of Use Agreements by navigating to **Groups and Settings > All Settings > System > Terms of Use.** For more information, please see the **Mobile Device Management Guide** on the [Resource Portal](#).

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Bookmarks

Setting	Description
URLs for Predefined Bookmarks	Configure bookmarks to display as a URL address or with a friendly name.
Name	Provide text in this field to display as the friendly name. Leave this field blank to display the URL as the bookmark name.
URL	Provide the bookmark URL.
Add	Select to add additional bookmarks.

Notification

Do not configure any settings on this tab unless you have been provided with specific instructions on how to complete the fields from AirWatch.

Apps / Workspace ONE / Catalog / General

The Catalog / General settings page lets you configure several options related to the AirWatch App Catalog.

• **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Authentication

Setting	Description
Require Authentication	Require users to log in with their username and password before they can access the app catalog. This option is disabled by default which sets AirWatch to require no authentication to access the app catalog.
Reauthenticate	Select a reauthentication option. • **Never - Keep User Signed In** – Keeps users signed in and does not require them to log in each time. • **After XX day(s)** – Require users to authenticate (log in) after a set number of days. Users still have to reauthenticate if they clear cookies on their devices, even with this option enabled.

Publishing

Setting	Description
Catalog Title	Enter a name for your app catalog. This title appears on the home screen of the device.
Platforms	Select the supported platforms for your app catalog. If this is enabled for the platform, the profile gets pushed to the device. Apple iOS offers the option to open the app catalog web clip in full screen mode, if desired. Set this using the **Full Screen** option for iOS 6+ devices.
Icon	Upload an icon for your app catalog. This icon appears on the home screen of the device. If you do not upload an icon, AirWatch pushes a default icon to devices.

Customization

Setting	Description
Branding Logo	Upload a logo to brand the app catalog for your organization. • This logo overrides any logo you set in **Groups & Settings > All Settings > System > Branding**. • If you do not upload a logo for the app catalog, AirWatch uses the logo from your **System > Branding** settings. • If you do not configure any branding scheme or logo the **System > Branding** settings, AirWatch uses a default scheme.
Default Filter	Sets the app catalog to open with this filter enabled on the catalog's main page. However, if users need to install featured applications, the app catalog defaults to open with the **Featured** filter. Users can change the default filter at any time and their selection stays active if they use the app catalog within a 24 hour period. After more than 24 hours of inactivity, the app catalog returns to the set default filter.

vmware airwatch

Setting	Description
Default Sort	Sets the app catalog to open with a configured sorting option enabled. Users can change the default sort at any time and their selection stays active and does not depend on activity.
Pinned Categories	Pins specific categories to the default menu. Users can elect to see more categories.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Workspace ONE / Catalog / Standalone Catalog

The Standalone Catalog settings page lets you configure various options related to the standalone app catalog.

Many organizations do not need to manage devices for their mobile fleets for various reasons, including possible privacy or legal issues. However, they may need to distribute mobile applications, so AirWatch offers the flexibility of deploying the Standalone Catalog.

Users do not have to enroll with AirWatch using an Agent, but rather enroll with the AirWatch Standalone Catalog. This catalog distributes all application types, public, purchased, internal, and web.

Although end user devices are not enrolled in MDM, you can access a device record in the AirWatch Console. The device record is for auditing purposes and the status of these devices in the AirWatch Console displays as **App Catalog Only**.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Standalone Catalog	Enable the **Standalone Catalog** to prevent users that enroll into the selected App-Catalog-Only-Organization-Group from enrolling into MDM. Configure this setting in the App-Catalog-Only-Organization-Group or in a parent above it.
Allow New User Registration	Enable the **Allow New User Registration** check box to allow new users to register for access to the Standalone Catalog.
Enable Email Domain Validation	Select the **Enable Email Domain Validation** option to use specified email domains to validate users when they register to access to the Standalone Catalog. Enter email domains in the **Allowed Email Domains** field for the standalone MAM users. End users enter their email addresses and a Group ID to enroll with this Standalone Catalog. AirWatch matches the domains entered in this field to the domains of MAM-only users.
Catalog Title	Enter a title in the **Catalog Title** field.
Icon	Upload an image in the **Icon** field for the Standalone Catalog.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Workspace ONE / App Restrictions

The App Restrictions settings page lets you configure a setting that lets you control which public apps can be installed on devices.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Restricted Mode for Public iOS Applications	Enable this setting to restrict devices to only install assigned public apps from the iTunes App Store. This setting will send a restriction profile that blocks iTunes App Store access on iOS devices in the organization group so you do not have to configure any additional restriction profiles to block app store access.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Workspace ONE / Application Categories

You can define your own application categories to filter applications and books by type or function. Although they are labeled application categories, they apply to AirWatch books, as well. You can create, view, edit, delete, and assign one or more categories for both public and internal applications and books in a selected organization group. The App and Book Catalogs display these categories, allowing end users to browse and filter.

Apps / Workspace ONE / External App Repository

The External App Repository settings page is where you can set up a connection to your own external app repository server.

Host internal applications on your network with an external application repository and manage the applications with AirWatch. AirWatch uses Windows File Share protocols to make externally hosted applications available to user devices. Communication is secure because on-premises deployments must use the Content Gateway for Windows to transfer data from the on-premises network to AirWatch.

Setting	Description
Username	Enter the username for the external app repository.
Password	Enter the password for the external app repository.

Apps / Workspace ONE / Application Removal Protection

The app removal protection feature helps ensure that the system does not remove business-critical applications unless approved by the admin. Internal applications are often developed to perform enterprise-specific tasks. Their abrupt removal can cause user frustration and halt work. To prevent the removal of important internal applications, the feature holds removal commands according to entered threshold values. Until an admin acts on the held commands, the system does not remove internal applications.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Devices Affected	Enter the maximum amount of devices that can loose a critical application before the loss hinders the work of the enterprise.
Within (minutes)	Enter the maximum amount of minutes that the system sends removal commands before the loss of a critical application hinders devices from performing business tasks.
Email Template	Select an email notification template and make customizations. The system includes the **App Remove Limit Reached Notification** template, which is specific to app removal protection.
Send Email to	Enter email addresses to receive notifications about held removal commands so that the recipients can take actions in the app removal log.

Apps / Workspace ONE / Catalog / Featured Applications

Use the featured application option to set a few select applications apart from other applications and to highlight specific applications within the AirWatch Catalog for your end users.

Supported Platforms and App Types

You can configure Featured Applications for the following platforms:

- Android
  - Internal applications
  - Public applications
- Apple iOS
  - Internal applications
  - Public applications

Configuring Featured Applications

The AirWatch Catalog lists featured apps in the main list of applications. You can feature public and internal applications.

Devices & Users / Apple / VPP Managed Distribution

Use Apple's Managed Distribution system integrated with AirWatch Express to distribute your free and purchased Volume Purchase Program (VPP) applications and books to Apple iOS 7+ devices. The managed distribution model uses service tokens (also called sTokens) to retrieve your VPP contents and distribute them to devices using the AirWatch Console.

Navigate to **Groups & Settings > All Settings > Devices & Users > Apple > VPP Managed Distribution**.

Setting	Description
Description	Enter your VPP Account ID. Using your VPP Account ID as the description has several advantages: • Identifies the correct account if you use multiple sTokens. • Reminds you the correct account when you renew the sToken. • Identifies the correct account to others in your organization who take over managing the VPP account.
SToken Upload	Select **Upload** to navigate to the sToken on your network.
Country	Select where AirWatch should validate the sToken. This value reflects the region from where you bought content and ensures AirWatch uploads the correct versions of your purchases. When you sync your licenses, AirWatch pulls the correct regional version of the content. If AirWatch cannot find the content in the app store from the region entered, AirWatch automatically searches the iTunes App Store in the United States.
Automatically Send Invites	Send invitations to all the users immediately after you save the token. This is an invitation to join and register with Apple's VPP, so that users access the terms of use for participating in the program. Use the **Message Preview** option to review the invitation. AirWatch automatically sends users of Apple iOS v7.0.3+ an invite command when you enable this option. It does not send them an email message. You do not have to enable this immediately. You can leave it disabled and still upload your token. Return and enable this feature to send invitations to all the enrolled devices whose users have not yet accepted to join the VPP.
Message Template	Select an email template for an email message invitation for Apple iOS devices on Apple iOS v7.0.0 through v7.0.2.

Apps / Workspace ONE / Paid Public Applications

The Paid Public Applications settings page lets you enable the management of paid public iOS apps when using Apple's Volume Purchase Program is not an option.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the

current OG's settings directly.

Setting	Description
Management Of Paid Public Application	Enable this setting to upload paid public iOS apps and distribute them in those distribution scenarios where using the VPP is not feasible. AirWatch can apply deployment options to offer control over the use of the app.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Container

This Workspace settings page allows you to configure an AirWatch Container application with a different Bundle ID.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Notification	
Apple	Select to set iOS device system preferences.
Android	Select to set Android device system preferences.
Application Type	Leave the application type as **System** or select **Internal** to set system preferences. - **System** – Download this app type from an app store. - **Internal**– Upload this app type to the AirWatch Console.
Application Name	Provide an app name for **Internal** applications. AirWatch recommends that you navigate to **Apps & Books > Internal List View**and scan the list for an app name that matches the app name you entered. This list view only displays internal applications were uploaded with a matching APNs certificate.
Bundle ID	Review the auto-populated field. This Bundle ID matches the application bundle ID that was uploaded internally or selected from the drop-down menu.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Inbox

The Inbox settings page lets you configure options related to the AirWatch Inbox application.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Application Type	Leave the application type as **System** or select **Internal** to set system preferences. - **System** – Download this app type from an app store. - **Internal**– Upload this app type to the AirWatch Console.
Application Name	Provide an app name for **Internal** applications. AirWatch recommends that you navigate to **Apps & Books > Internal List View**and scan the list for an app name that matches the app name you entered. This list view only displays internal applications were uploaded with a matching APNs certificate.
Bundle ID	Enter the bundle ID of the application.
Settings and Policies	
Application Profile	Select an application profile to apply SDK functionality to your app. - **Default** – Allow applications to use the default security policies and settings defined under **Apps and Books > Settings > Settings and Policies**. - **Custom** – Override default settings and apply custom profiles. Custom profiles use the security policies and settings defined under **Apps and Books > Settings > Settings and Policies > Profiles**.
iOS SDK Profile	Select the corresponding profile from the drop-down menu. This profile applies the default security policies and settings defined under **Settings & Policies** OR the custom security policies and settings defined under **Profiles**. This is an optional, advanced management feature. Instructions for configuring default SDK settings are available in the **VMware AirWatch Mobile Application Management Guide**, available on on [AirWatch Resources](#).

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Video

The Video settings page lets you configure various settings related to the AirWatch Video mobile app.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the

current OG's settings directly.

Setting	Description
Settings and Policies	
Application Profile	Select an application profile to apply SDK functionality to your app. • **Default** – Allow applications to use the default security policies and settings defined under **Apps and Books > Settings > Settings and Policies**. • **Custom** – Override default settings and apply custom profiles. Custom profiles use the security policies and settings defined under **Apps and Books > Settings > Settings and Policies > Profiles**.
iOS SDK Profile	Select the appropriate profile from the drop-down menu that appears when you enable a **Custom Application Profile** to override default SDK settings.
Android SDK Profile	Select the appropriate profile from the drop-down menu that appears when you enable a **Custom Application Profile** to override default SDK settings.
General	
Require MDM Enrollment	Select to require AirWatch MDM enrollment for AirWatch Video access.
Notification	
Apple	Select to set iOS device system preferences.
Android	Select to set Android device system preferences.
Application Type	Leave the application type as **System** or select **Internal** to set system preferences. • **System** – Download this app type from an app store. • **Internal**– Upload this app type to the AirWatch Console.
Application Name	Provide an app name for **Internal** applications. AirWatch recommends that you navigate to **Apps & Books > Internal List View**and scan the list for an app name that matches the app name you entered. This list view only displays internal applications were uploaded with a matching APNs certificate.
Bundle ID	Review the auto-populated field. This Bundle ID matches the application bundle ID that was uploaded internally or selected from the drop-down menu.

• **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Apps / Settings and Policies / Security Policies

The Settings and Policies – Security Policies page lets you configure options that affect AirWatch apps and wrapped apps.

Not all of the settings here apply to all apps.

Apps / Settings and Policies / Settings

The Settings and Policies – Settings page lets you configure options that affect AirWatch apps and wrapped apps.

Not all of the settings here apply to all apps.

Apps / Settings and Policies / Profiles

The Settings and Policies – Profiles page lets you create custom app wrapping and SDK profiles that you can assign to your internal apps. Custom settings for profiles offer granular control for specific applications and the ability to override default (security policies) settings. However, they also require separate input and maintenance.

Not all of the settings here apply to both app wrapping profiles and SDK profiles. For a comparison matrix of the two, see Settings and Policies Compatibility Matrices on page 1.

Apps / Office 365 Settings

You can configure the data loss prevention (DLP) application policies for your Office 365 applications in Workspace ONE UEM. Office 365 DLP App Policies allow administrators to configure policies to protect Office 365 apps and data using Microsoft Graph APIs. After you integrate the two systems, you can manage the DLP application policies in the Workspace ONE UEM console so that the integration stays current.

For more information, see Integrating Workspace ONE UEM with Office 365.

Chapter 5:
Content

Content / Applications / Content Locker Sync

The VMware Content Locker Sync settings page lets you configure the various options for using the VMware Content Locker Sync client.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Content Locker Sync	Enable to allow end users to use the VMware Content Locker Sync client.
Client Download	Enable to allow end users to download the VMware Content Locker Sync client to their macOS or Windows 7 devices from the Self-Service Portal.
Require MDM Enrollment	Enable to require MDM enrollment before devices sign in to VMware Content Locker Sync to enforce compliance.

Terms of Use

Setting	Description
Required Terms of Use	Select the Terms of Use end users must agree to follow before using VMware Content Locker Sync.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Content / Applications / Content Locker

The VMware Content Locker settings page lets you configure the various options for the VMware Content Locker application.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Settings and Policies

Setting	Description
Application Profile	Set to define the security policies and settings used by this application. Leave as **Default** and configure the Recommended Default SDK settings to define app behavior using AirWatch recommendations. Alternatively, select **Custom** application settings to override the default SDK settings and configure a unique set off behaviors for the app.
iOS Profile	Select a custom-created SDK profile from the drop-down list.
Android Profile	Select a custom-created SDK profile from the drop-down list.
Use Legacy Settings and Policies	Only enable legacy settings if directed to do so by an AirWatch representative. Legacy settings do not leverage Shared SDK profile settings and should only be implemented in certain edge cases.
Default Authentication Method	Select the authentication method for the applications.
Enable "Keep me signed in"	Enable to allow end users to remain signed in between uses.
Maximum Number of Failed Attempt	Set the number of passcode entry attempts allowed before all data in the VMware Content Locker will be wiped from a device.
Authentication Grace Period (min)	Enter the time (in minutes) after closing the VMware Content Locker before reopening the VMware Content Locker will require users to enter credentials again.
Prevent Compromised Devices	Enable to prevent compromised devices from accessing VMware Content Locker.
Enable Offline Login Compliance	Enable to allow offline login compliance.
Maximum Number of Offline Logins	Enter the number of offline logins allowed before you have to go online.

General

Setting	Description
Numbers of Days to Keep Content New	Select the number of days recently added documents will be labeled as new in the VMware Content Locker.

Setting	Description
Block Enrollment via Content Locker, Boxer, and Browser	Enable to prevent enrollment through VMware Content Locker, VMware Boxer, and VMware Browser. If Content Locker uses the VMware AirWatch SDK for iOS in Objective-C, then MDM enrollment is required for the single-sign on SDK setting to function correctly.
Change Repository Name	Enable to change the repository name in the **Root Repository Name** field that appears.
Root Repository Name	Enter the new repository name you want to use.
Allow Hyperlinks	Enable to allow end users to open hyperlinks located in documents in the **Open Internet Links with** field that appears.
Open Internet Links with	Select the application in which to open hyperlinks.
Local Storage	Enable to provide a storage alternative for user content. Local storage saves on the device and doesn't sync with other Personal Content in the cloud. Disable local storage to force all user content to save in a location that syncs with other Personal Content in the cloud.
Upload on Wi-Fi Only	Enable to restrict uploads from VMware Content Locker to Wi-Fi connections only.

Terms of Use

Setting	Description
Required Terms of Use	Select the Terms of Use end users must accept.

Notification

Setting	Description
Platform	Select the platform for which to configure notification settings.
Application Type	Select to use a **System** or **Internal** application.
Application Name	Select the application's name.
Bundle ID	Select the Bundle ID number used to identify the app in the app store.
Badge Count	Select the type of notifications that create app badges.

VMware Content Locker for Windows PC

Setting	Description
Client Download	Enable to allow end users to download VMware Content Locker for Desktop using the download link in the Self-Service Portal.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means

they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Content / Applications / Outlook Add-In

The Outlook Add-In settings page lets you configure options related to the Outlook Add-In for Windows 7.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Client Download	**Enable** to allow end users to download the Outlook Add-In client from the Self-Service Portal. **Disable** if your organization does an enterprise deployment of Outlook Add-In.
Automatically convert attachments to links	**Enable** to automatically convert large attachments into a link. Enter the amount that triggers the conversion of attachments to links into the field that appears.
Recommend converting attachments to links	**Enable** to recommend end users convert attachments into a link. Enter the amount that triggers the conversion of attachments to links into the field that appears.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Content / Content Gateway

The Content Gateway settings page is used to configure the Content Gateway component.

Content / Personal Content

The Personal Content settings pages lets you configure the various options for personal content.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Storage Allocation

Setting	Description
Storage Quota	Divide the allocated storage between the AirWatch Managed and Personal Content repositories, dedicating an amount of the available storage to Personal Content. By default, all available storage gets dedicated to Personal Content, indicated by the far-right position of the slider.
User Quota	Set the maximum amount of storage any one user can consume, in MB. This quota applies to users in the same Organizational Group hierarchy as Storage Quota.
User Group Quota(s)	Select **Add New** and configure storage exceptions on a user group basis.

Shared Links

Setting	Description
Link Sharing	Enable link sharing of documents.
Auto Expire Days	Enable and fill in a numerical value to specify the number of **Days** links remain available for sharing. Disable to leave the option open for end users to configure when they share their links.
Auto Expire Downloads	Enable and input a numerical value to set the maximum number of **Downloads** before the link expires. Disable to leave the option open for end users to configure when they share their links.
Require Password Protection	Enable and set the **Minimum Length** in characters and the **Complexity** of the password. Disable to leave the option open for end users to configure when they share their links.

Shared Folders

Setting	Description
Folder Sharing	Enable to provide end users with the option to share folders with other users.
Share with User Groups	Enable to provide end users with the option to share folders with entire user groups in lieu of manually listing each user they want to share their folder with.
Available Sharing Roles	Set the access privilege role for those that end users share a folder with. See the Sharing Roles matrix below, for an overview of sharing roles and their permissions.
Share with External Users	Enable to allow end users to share folders with external users.

Setting	Description
Available Sharing Roles	Set the role for those that end users share their folder with. See the Sharing Roles matrix below, for an overview of sharing roles and their permissions.
User Quota	Leave the quota at 0 to have all external user uploads count against the folder sharer's quota. Set a quota to give external users dedicated space for uploads.

Sharing Roles

The matrix below displays the available roles and their permissions available for selection when you enable user group and external user sharing. These permissions apply to the user group or external user that an end-user shares a folder with.

	Co-Owner	Editor	Reader
View File and Folders	✓	✓	✓
Download Files to Computer	✓	✓	✓
Add Comments to Files	✓	✓	✓
Upload Files to Folder	✓	✓	
Delete Files or Sub-folders	✓	✓	
Edit Files	✓	✓	
View Other Folder Collaborators	✓	✓	
View Other Collaborators Activity in Feed	✓	✓	✓
Modify Sharing of Folder	✓		
Generate Shared Links to Files			
Transfer Folder Ownership			

Email Notification

Setting	Description
Email Notifications	Enable to alert users through email when a folder is shared with them.

Data Loss Prevention

Setting	Description
Allow Open in Email	Enable to allow content to open in emails. Disable for maximum security.
Allow Open in Third Party Apps	Enable to open personal content in other applications. You can set a list of approved apps in the SDK Profile. Disable for maximum security.

Setting	Description
Allow Printing	Enable iOS devices to print personal content PDFs using AirPrint. Disable for maximum security.
Watermark	Enable to apply a dynamic watermark to the files rendered in the HTML5 Viewer. By default, the user's email is applied as the file's watermark. You can reconfigure the watermark text in the SDK.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Content / User Storage

The User Storage settings page lets you edit and remove the user content storage quotas. View the available content using the Summary overview available on the main screen. Select **Edit** to override User Storage on an individual level. This takes precedence over organization group or user group storage quota configurations. Select **Delete** to enter a pin and delete a user's content. A pin configuration is in place to protect user content from being deleted by administrators without precaution.

Content / Remote Storage

The Remote Storage settings page lets you configure the various options for remote file storage of personal content.

Standalone RFS	
SaaS	**On-Premise**
Use RFS instead of the cloud-based AirWatch Database to store your organization's personal content. Benefits include: - Addressing security concerns about storing private information in the cloud. - Meeting requirements to utilize the Content Rendering Engine.	Use RFS instead of the AirWatch Server to store your organization's personal content. Benefits include: - Meeting requirements to utilize the Content Rendering Engine. - Leveraging existing storage infrastructure. - Complying with physical data storage regulatory requirements. - Minimizing Internet bound bandwidth consumption.
RFS with CRE	

- Rendering of personal content files store in RFS in an HTML5 enabled browser.

- Sharing content without losing control of data.

- Protecting sensitive documents with a dynamic watermark.

- Enforcing "View Only" restrictions for content shared with external parties.

- Improving usability.

Content / Content Viewer

The Content Viewer settings pages lets you configure the various options for the Content Viewer.

If you do not have an RFS instance set up, select **Configure**.

If you previously installed an RFS instance, select **Add**.

Enter the following information about your RFS node:

1. Navigate to **Content > Settings > Content Viewer**, at a Customer level Organization Group.

2. Select **Configure** if configuring the first CRE instance. After the first instance, the option switches to **Add**.

3. On the **Assignment** screen, select an **RFS Node** from the same data-center or network as CRE to have content rendered in the SSP. AirWatch recommends limiting one CRE instance per RFS node. Select **Next**.

4. Configure the fields on the **Details** screen. Select **Next**.

Setting	Description
Name	Provide a name for the content viewer. This name displays in the AirWatch Console.
CRE URL	Provide the externally accessible URL for the CRE you set up on your server.

5. Assign a **Public SSL Certificate** on the **Authentication** screen to establish trust between RFS and the Content Viewer. Select **Next**.

6. Select the **Edit** icon from the actions menu for the CRE node.

7. Select the **Advanced** tab.

   - Copy and record the **Client ID**.

   - Select **Generate PEM**. Copy and paste the text into a text editor, saving it as a .pem file.
     Example: Save the text as **CreClientCertificate.pem**.

8. Review the **Summary** screen. Select **Save** after reviewing the newly configured settings.

9. Select **Download** under the **Installer** column and follow the prompts.

10. Use the manual utility to upload the SSL certificate to the RFS Tokens server selected during configuration.

Content / Advanced / File Extensions

The File Type settings page lets you configure the various options for supported file types for personal content.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Allowed File Extensions	Specify the file type allowed for upload and repository sync.
Apply Restrictions to Personal Content	Set to **Yes** to apply restrictions to personal content.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Content / Advanced / Onboarding

The Onboarding settings page lets you configure the various options for required content in the VMware Content Locker.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Onboarding	Enable to lock the end user's iOS device in the VMware Content Locker application until the end user has competed all required content.
Administrative Unlock Code	Enter the code that allows administrators to unlock iOS devices that are locked in Onboarding.
Entrance Message	Enable to display a message to users when signing in to VMware Content Locker for the first time when onboarding is enabled. • **Message Text** – Enter the message to display as an entrance message.
Exit Message	Enable to display a message when exiting onboarding mode. • **Message Text** – Enter the message to display as an exit message.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Chapter 6:
Email

Configuration

Email Notification

vmware airwatch

Email / Configuration

The Email Configuration page lets you configure the various options for using Mobile Email Management. Mobile Email Management configuration uses a wizard to help you set up email for devices.

Email / Email Notification

The Email Notification page provides access to the Email Notification Service installer. The ENS provides email notification for AirWatch Inbox and VMware Boxer applications.

Select the **Enable Email Notification** check box to enable the email notification for AirWatch Inbox or VMware Boxer mail clients.

General

- **AirWatch Cloud Notification Service URL** - Enter the AirWatch cloud notification service URL. This is the URL to which the Email Notification Service (ENS) server sends notifications.

On selecting **Save**, the **Download Email Notification Installer** link appears on the screen.

Select the **Download Email Notification Installer** link, create a password for Email Notification Certificate, and download the installer to the local folder.

Advanced

View the generated certificates and API key on the advanced page.

- **Regenerate Certificates** - Select this to generate a new certificate.

- **Regenerate API Key** - Select this to generate a new API key.

Chapter 7:
Telecom

General

Jasper Integration

Telecom / General

The Telecom General page displays the current Telecom configuration and lets you change the various options available through Telecom Management.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

- **Enable Telecom Management** – Enable to use the AirWatch Telecom Management system and configure the various options.

Changing the Pooled Plan Usage ranges in the System Settings menu only configures how users' plan consumption is displayed on the Telecom Dashboard, and is for reference purposes only. Data presented and configured in the AirWatch Console may not reflect actual carrier billing.

AirWatch default values for Usage Ranges are:

Range	Calls	Data	Messages
Very Low	0 to 499 minutes	0 up to 1 GB	0 to 499 messages
Low	500 to 999 minutes	1 up to 2 GB	500 to 999 messages
Medium	1000 to 1499 minutes	2 up to 3 GB	1000 to 1499 messages
High	1500 to 1999 minutes	3 up to 4 GB	1500 to 1999 messages
Very High	2000+ minutes	4+ GB	2000+ messages

Apple iOS

- **Change These Settings** – Selecting this option opens Devices & Users / Apple / Apple iOS / Agent Settings on page 61.

Android

- **Change These Settings** – Selecting this opens Devices & Users / Android / Agent Settings on page 53.

Privacy

- **Change These Settings** – Selecting this opens Devices & Users / General / Privacy on page 49.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Telecom / Jasper Integration

The Telecom Jasper Integration page lets you connect your Jasper account to manage SIM cards through AirWatch.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the

current OG's settings directly.

Setting	Description
Jasper Integration	Enable to use the Jasper Integration system to configure the user settings.
Username	Enter the username associated with your Jasper account.
Password	Enter the password associated with your Jasper account.
API Key	Enter your API key generated from your Jasper console.
API URL	Enter the API URL associated with your Jasper account.

- **Test Connection** – Select to check if there is connectivity between the AirWatch Console and the Jasper account.

- **Clear Account** – Select to clear all the Jasper Integration settings.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Chapter 8:
Admin

Custom Attribute Settings

Product Provisioning

UEIP

Admin / Custom Attribute Settings

When custom attribute auditing is enabled through this system settings page, the AirWatch Console creates a log record any time the value of a custom attribute for a device is changed. The record contains the device ID, attribute ID, original values and new values, and the date/time it was modified. Access these records through **Device > Custom Attributes – Search > Change Report API.**

Admin / Product Provisioning

The Product Provisioning page is where you can enable Job Statistics logging to record each job action performed as part of product provisioning.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Settings	Description
Enable Job Statistics	Enable to record each action performed in a job for product provisioning. Such statistics include actions such as "Job Received" and "Job Complete."
Display Offline Provisioning Help	Enable to turn on a button that displays on the Device Details Page under Products. When this button is selected, the AirWatch Console creates an offline .zip (or a tar.gz file depending on the platform) containing all of the products or product set jobs and components. Download this .zip file for use offline.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Admin / Product Improvement Programs

VMware's Product Improvement Programs enable our Research & Development team to test on a scrubbed version of our customers' production data, which is essential to ensuring our customers' real-world needs are met. You can opt-in or opt-out of each of our Product Improvement Programs at any time using the settings page.

VMware's Product Quality Improvement Program collects and uses sanitized production configurations for testing. Testing with sanitized data helps Research and Development create relevant products with improved quality upon initial release.

VMware's User Experience Improvement Program collects and uses technical information related to the performance, configuration and use of AirWatch to improve and benchmark its products and services, fix problems, and to advise customers on how to use its products and services.

> For more information on the system setting values that are collected through this program, refer to the following Knowledge Base article: https://support.air-watch.com/articles/115001664788.

- **Current Setting** – Select whether to **Inherit** or **Override** the displayed settings. Inherit means use the settings of the current organization group's parent OG, while Override enables the settings for editing so you can modify the current OG's settings directly.

Setting	Description
Participate in VMware's Product Quality Improvement Program	Select **Yes** to enable data collection.
Participate in VMware's User Experience Improvement Program	Select **Yes** to enable data collection. All usage data is collected at the top-level Organization Group in an environment ('Global', 'Partner', or 'Customer' group types depending on the environment). Any new modules or settings enabled at a lower level will be tied to the top group.

- **Child Permission** – Select the available behavior of child organization groups that exist below the currently selected organization group. *Inherit only* means child OGs are only allowed to inherit these settings. *Override only* means they override the settings, and *Inherit or Override* means you can choose to inherit or override settings in child OGs that exist below the currently selected OG.

Accessing Other Documents

While reading this documentation you may encounter references to documents that are not included here.

The quickest and easiest way to find a particular document is to navigate to https://my.air-watch.com/help/9.2/en/Content/Release_Notes/Doc_List_PDFs.htm and search for the document you need. Each release-specific document has a link to its PDF copy on AirWatch Resources.

Alternatively, you can navigate to AirWatch Resources on myAirWatch (resources.air-watch.com) and search. When searching for documentation on Resources, be sure to select your AirWatch version. You can use the filters to sort by PDF file type and AirWatch v9.3.