

VMware Skyline Collector Installation and Configuration Guide

VMware Skyline Collector 2.3



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About VMware Skyline Collector Installation and Configuration Guide



The VMware Skyline Collector Installation and Configuration Guide provide information about the VMware® Skyline™ Collector system requirements and instructions for installing and configuring the Skyline Collector.

Intended Audience

This information is intended for anyone who wants to install, configure, or update the VMware Skyline Collector. It is written for VMware® vSphere® administrators.

VMware Technical Publications Glossary

VMware Technical Publications provides a glossary of terms that might be unfamiliar to you. For definitions of terms as they are used in VMware technical documentation, visit <https://www.vmware.com/support/pubs/>.

Skyline Collector Overview

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VMware® Skyline™ Collector is a VMware® virtual appliance that collects diagnostic data about your VMware® vSphere®, VMware® NSX-V®, VMware® Horizon®, and VMware® vRealize Operations Manager® environments that enhances the product supportability through VMware Global Support Services.

Use of Skyline Collector requires registration with VMware.

The registration function includes:

- Agreeing to the Customer Experience Improvement Program (CEIP) Enhanced participation level.
- Authentication with VMware's My VMware Customer Portal.
- Customer Support Entitlement validation.

VMware Skyline enables an enhanced customer support experience for Production Support and Premier Services customers.

Skyline Collector System Requirements

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You must ensure that your system meets the required hardware and software requirements before installing the Skyline Collector virtual appliance.

Supported Web Browsers

The following web browsers are supported for accessing the Skyline Collector User Interface and Skyline Collector Appliance Management Interface (VAMI).

- Microsoft Edge
- Mozilla Firefox
- Google Chrome

Compatibility

You must deploy the Skyline Collector virtual appliance using vCenter Server. VMware recommends deploying the Skyline Collector virtual appliance on an ESXi host version 6.0 or later that is managed by a vCenter Server version 6.0 or later.

Skyline Collector Resource Requirements

You can run the Skyline Collector on any system that meets the minimum system requirements.

Table: Hardware Requirements for the Skyline Collector virtual appliance

Number of vCPUs	Memory	Disk Space
2	8 GB	87 GB (1.1 GB initial if thin provisioned)

Networking Requirements

Skyline Collector uses network connections to collect and transfer support information securely.

Skyline Collector needs access to all vCenter Server and NSX Manager collection endpoints within the environment to collect product information data. It also needs access to the Internet to upload data. An HTTP proxy server can be used to proxy connectivity to the Internet, but access to vCenter Server and NSX Manager must be direct.

The table below shows the default networking connectivity requirements.

Table: External Network Connectivity Requirements

Machine	Connection To	Connection Type	Protocol	Port
VMware Skyline Collector	vcsa.vmware.com	HTTPS	TCP/IP	443
VMware Skyline Collector	vapp-updates.vmware.com	HTTPS	TCP/IP	443

Table : Internal Network Connectivity Requirements

Machine	Connection To	Connection Type	Protocol	Port
Skyline Collector	vCenter Server	HTTPS	TCP/IP	443
Skyline Collector	ESXi	HTTPS	TCP/IP	443
Skyline Collector	PSC/SSO Service provider 5.5	HTTPS	TCP/IP	7444
Skyline Collector	PSC/SSO Service provider 6.0 / 6.5	HTTPS	TCP/IP	443
Skyline Collector	NSX Manager	HTTPS	TCP/IP	443
Skyline Collector	Horizon Connection Server	HTTPS	TCP/IP	443
Skyline Collector	vRealize Operations Manager	HTTPS	TCP/IP	443
Web browser	Skyline Collector	HTTPS	TCP/IP	443
Web browser	Skyline Collector (VAMI)	HTTPS	TCP/IP	5480

Note The tables contain the default port values and might not match a customized environment.

Skyline Collector User Accounts and Permissions

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This section details the Skyline Collector user accounts and permissions needed to add vCenter Server and NSX Manager to the Skyline Collector.

This chapter includes the following topics:

- [Skyline Collector Accounts](#)
- [Product User Account Permissions](#)

Skyline Collector Accounts

There are two built-in Skyline Collector accounts - admin and root.

admin

The admin account is the primary account to interact with the Skyline Collector. This account is used to log into the Skyline Collector user interface. The password for the admin account is set during the initial configuration of the appliance.

root

The root account must only be used for updating the appliance through the Virtual Appliance Management Interface (VAMI). The VAMI can be accessed at the following address:

https://skyline_collector_ip_address_or_fqdn:5480. The password for the root account is set during the deployment of the virtual appliance using the Deploy OVF Template wizard within vCenter Server.

Using the root account to log in to Skyline Collector through the console must only be performed when troubleshooting in coordination with VMware Global Support Services (GSS). Logging on and changing information inside the appliance with the root account is not supported.

Product User Account Permissions

Skyline Collector requires the specific permissions to successfully add a vCenter Server or NSX Manager to the Skyline Collector for the purpose of providing proactive support.

vCenter Server User Account Permissions

A user account with the following vCenter Server permissions is required to configure vCenter Server for the product use data collection.

- vCenter Server read-only role
- Global.Licenses
- Global.Diagnostics
- Global.Health
- Global.Settings

For detailed instructions for how to create a user account with the above permissions, see [Knowledge Base Article 59661](#).

NSX Manager User Account Permissions

An account with the following permissions in NSX Manager will be required to configure NSX Manager for product usage data collection.

- NSX Manager built-in Auditor role.
- Access to query information through APIs. Instructions for how to create a user with API privileges within NSX Manager can be found within [VMware Knowledge Base Article 2150736](#).

Note While VMware continues to recommend that an account with the NSX Manager built-in **Auditor** role be used, the **Auditor** role does not have permission to collect NSX Edge support log bundles using Skyline Log Assist.

If you want to enable the collection of NSX Edge support log bundles with Skyline Log Assist, you must use an account with the NSX Manager built-in **NSX Administrator** role when adding an NSX Manager to Skyline Collector.

For detailed instructions for how to create a user account with the above permissions, see [Knowledge Base Article 59661](#).

Refer to the documentation specific to your version of NSX for vSphere to set up a user account with these privileges.

Horizon 7 Connection Server User Account Permissions

A user account with the following Horizon View permissions is required to add Horizon View to the Skyline Collector.

- Horizon 7 Inventory Administrator (read-only) predefined role
- Log Collector Administrators

The Horizon 7 Inventory (read-only) predefined role has the following user capabilities within Horizon 7.

- View, but not modify, inventory objects.

For more information, see [Predefined Administrator Roles](#).

vRealize Operations User Account Permissions

A user account with the following vRealize Operations Manager permissions is required to add Horizon View to the Skyline Collector.

- vRealize Operations Manager read-only role.

For more information, see [Roles and Privileges in vRealize Operations Manager](#).

Skyline Collector Installation and Registration

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Download, Install, and Register the Skyline Collector with VMware.

This chapter includes the following topics:

- [Get Started with VMware Skyline](#)
- [Create an Organization](#)
- [Skyline Collector Installation](#)
- [Skyline Collector Configuration](#)
- [Migrate Existing Skyline Collectors](#)
- [Access Skyline Advisor](#)

Get Started with VMware Skyline

Use the Skyline Get Started wizard to begin the process of receiving proactive support from VMware.

Procedure

- 1 Open a web browser and enter the URL for the VMware Skyline Getting Started page.
<https://skyline.vmware.com/get-started>. You will be re-directed to the VMware Cloud Services log in page.
- 2 Log In to VMware Cloud Services.
 - a Enter your **My VMware email address**.
 - b Enter your **My VMware password**.

Create an Organization

Create an Organization within VMware Cloud Services.

Procedure

- 1 Enter a **Organization Name**.

- 2 Enter an **Organization Address**.
 - a Click **Add Address**.
 - b Select a Country.
 - c Enter your street address on Address Line 1. Use Address Line 2 if additional space is needed.
 - d Enter your **City**.
 - e Enter your **State/Province**.
 - f Enter your **Zip/Postal Code**.
 - g Select the box **I agree to the VMware Cloud Services Terms of Service**.
- 3 Click **Continue**. Now continue with the VMware Skyline get-started wizard.

Associate Support Entitlement

Attach your current Production Support or Premier Services Support Entitlement to Skyline.

Prerequisites

Previously created an Organization within VMware Cloud Services.

Procedure

- 1 Click **Associate Support Entitlement**.
- 2 Click **Proceed to Next Step**.

This step successfully associates support entitlement to Skyline.

Download Skyline Collector

You must download the Skyline Collector virtual appliance from the download center.

Procedure

- 1 Download [Skyline Collector](#).

To access the Skyline Collector download page, you have to enter your My VMware user name and password .
- 2 After you download Skyline Collector, click **Proceed to Next Step**.

Skyline Collector Installation

Deploy the Skyline Collector using the vCenter Server OVF deployment wizard.

The Skyline Collector is distributed as a virtual appliance in Open Virtualization Appliance (OVA) format. You can deploy the Skyline Collector appliance using the vCenter Server OVF deployment wizard.

An appliance is a pre-configured virtual machine that typically includes a pre-installed guest operating system and other software.

After you deploy the Skyline Collector, you can access the Skyline Collector user interface using a web browser and browsing to the IP address or fully qualified domain name of the deployed appliance.

Procedure

- 1 If using vCenter Server 5.5 or 6.0, install the Client Integration Plug-In. This step can be skipped if using vCenter Server 6.5 or 6.7. See [VMware KB Article 2145066](#) for more details.

The Client Integration Plug-in provides access to the virtual machine's console in the vSphere Web Client and provides access to other vSphere infrastructure features. The Client Integration Plug-in also lets you deploy virtual appliances and log in to the vSphere Client using Windows session credentials.

- 2 Deploy the Skyline Collector virtual appliance.

The Skyline Collector is distributed as an appliance in OVA format that you can deploy using the vSphere Client.

- 3 Power on the Skyline Collector and Access the User Interface.

To use the Skyline Collector, first power it on and retrieve the IP address of the virtual appliance.

Install the Client Integration Plug-In

The Client Integration Plug-in provides access to a virtual machine's console in the vSphere Client and provides access to other vSphere infrastructure features. The Client Integration Plug-in also let you deploy Virtual Appliances and log in to the vSphere Client using Windows session credentials.

Prerequisites

If using vCenter Server 5.5 or 6.0, follow the steps to install the Client Integration Plug-In. This step can be skipped if using vCenter Server 6.5 or 6.7. See [VMware KB Article 2145066](#) for more details.

Procedure

- 1 In the vSphere Client, navigate to the link to download the Client Integration Plug-in.

Table : Client Integration Plug-in

Option	Description
vSphere Client login page	<ul style="list-style-type: none"> ■ Open a Web browser and type the URL for the vSphere Web Client. ■ At the bottom of the vSphere Web Client login page, click Download Client Integration Plug-in. <p>Note If the Client Integration Plug-In is already installed on your system, you will not see the link to download the plug-in. If you uninstall the Client Integration Plug-In, the link to download it displays on the vSphere Client login page.</p>
OVF deployment wizard	<ul style="list-style-type: none"> ■ Select a host in the inventory. ■ Select Actions and navigate to Deploy OVF Template. ■ Click Download Client Integration Plug-In.

- 2 If the browser blocks the installation either by issuing certificate errors or by running a pop-up blocker, follow the Help instructions for your browser to resolve the problem.

If you are using Google Chrome and having issues with the Client Integration Plug-in, see [Knowledge Base Article 2130672](#).

Deploy OVF Template

You can deploy Skyline Collector using the Deploy OVF Template wizard in vCenter Server.

Skyline Collector is distributed as a virtual appliance in OVA format. Use the vSphere Client to deploy Skyline Collector within your environment.

Prerequisites

- Verify that your system meets the minimum hardware and software requirements. See [Skyline Collector System Requirements](#).
- Download the Skyline Collector.

Procedure

- 1 Log in to the vSphere Client with an account that has virtual machine deploy permissions.
- 2 In the vSphere Client, select an inventory object that is a valid parent object of a virtual machine such as a data center, folder, cluster, resource pool, or host.
- 3 Click **Actions**. Navigate to **Deploy OVF Template**. You can access the **Actions** menu by right-clicking on the selected object (data center, folder, cluster, resource pool, or host) or by selecting **Actions** in the top-center of the vSphere Client.
- 4 Enter the URL or select Local File and Browse to the Skyline Collector OVA, and click **Next**.
- 5 Enter a name for Skyline Collector and select a deployment location, such as a data center or folder, and click **Next**.
- 6 Select a host, cluster, or resource pool for where to run Skyline Collector, and click **Next**.
- 7 Review the template details and click **Next**.
- 8 Read the VMware End User License Agreement (EULA) and click **Accept**, then click **Next**.

9 Select a location to store the Skyline Collector virtual disk files.

- a Select the virtual disk format from the dropdown. The Skyline Collector supports thick provisioned lazy zeroed, thick provisioned eager zeroed, and thin provision.

Option	Description
Thick Provisioned Lazy Zeroed	Creates a virtual disk in a default thick format. Space required for the virtual disk is allocated when the virtual disk is created. Existing data on the physical device is not erased during creation but is zeroed out on first write from the virtual machine.
Thick Provision Eager Zeroed	A type of thick virtual disk that supports clustering features such as Fault tolerance. Space required for the virtual disk is allocated upon creation. In contrast to the lazy zeroed format, the data existing on the physical device is zeroed out when the virtual disk is created. Creating disks in this format might take much longer than creating other types of disks.
Thin Provision	Use this format to save hard disk space. For the thin disk, you provision as much data store space as the disk requires based on the value that you enter for the disk size. However, the thin disk starts small, and at first, uses only as much datastore space as the disk needs for its initial operations.

- b Select a VM storage policy, if applicable.
- c Select the datastore, or datastore cluster, for where to store the Skyline Collector virtual disk files.
- d Select **Next**.

10 Select a network that provides the appropriate network access as described in [Networking Requirements](#).

- a Select a **Destination Network** from the drop-down menu for the Skyline Collector.
- b Select a **IP Protocol** from the drop-down menu. The Skyline Collector supports IPv4.
- c Select **Next**.

11 Customize the deployment of the Skyline Collector. Customization includes creating a root password and entering static IP address information (optional).

- a A root password is required. The password must be at least 8 characters long.
- b To configure a dynamic IP address, leave all networking properties boxes empty. To configure a static IP address, enter the information specific to your network. The appliance must be able to resolve the hostnames for vCenter Server, Single Sign-On authentication, and any additional product endpoints (NSX Manager).
- c Click **Next** after finishing customizing the template.

12 Review the configuration data you provided for the Skyline Collector. Click **Finish** to complete the Deploy OVF Template wizard.

Power on the Skyline Collector

To use the Skyline Collector, you must first power it on and get the IP address of the virtual appliance.

Procedure

- 1 Log in to the vSphere Client.

- 2 Right-click on the **Skyline Collector** virtual appliance, select **Power**, and select **Power On**.
- 3 View the IP address of the Skyline Collector on the Summary tab within the vSphere Client. You may need to refresh the vSphere Client to view the IP address of the Skyline Collector after powering it on.

Note A browser security warning appears the first time you browse to the user interface. The warning is an expected behavior.

Access the User Interface

Log in to the Skyline Collector user interface.

This section describes how to access the Skyline Collector user interface.

Prerequisites

Ensure you know the Skyline Collector IP address or fully qualified domain name (FQDN).

Procedure

- 1 Open a web browser and enter the URL for the Skyline Collector `https://skyline_collector_fully_qualified_domain_name_or_ip_address`.

- 2 Log in to the user interface using the following default values. Click **Log In**.

Username `admin`

Password `default`

- 3 You are forced to change this password at the first login. The new password must meet the following character requirements:
 - Minimum of eight characters
 - One lowercase letter
 - One uppercase letter
 - One special character (!@#\$%)
 - One number
- 4 Click **Change** after entering a new password. You must relogin to the Skyline Collector user interface after changing the password.
- 5 Select **Login Again** to return to the login screen.
- 6 Return to the Skyline Organization page within VMware Cloud Services and select **Proceed to Next Step**.

Skyline Collector Configuration

To create a registration token, register your Skyline Collector with the Skyline Organization you created in the previous step .

Prerequisites

- Created Organization within VMware Cloud Services.
- Deployed the Skyline Collector within vCenter Server.

Procedure

- 1 Click **Create New Token**. Copy the token to your clipboard for use during the initial configuration of the Skyline Collector.
- 2 Return to the Skyline Collector User Interface. If you have been logged-out, log in using the **admin** account.

Network Connectivity

Configure network connectivity from the Skyline Collector to VMware.

Skyline Collector uploads encrypted product usage data to VMware over the Internet. If required by your organization, an HTTP proxy server can be configured between Skyline Collector and the Internet.

Procedure

- 1 To configure a Proxy Server, toggle the Use a Proxy Server switch to **Yes**. If not, leave the Use a Proxy Server switch set to No and proceed to Step 6.
- 2 Enter the Proxy Server **fully_qualified_domain_name_or_ip_address**.
- 3 Enter the **Proxy Server Port**.
- 4 Enter the **Proxy Server Username** (optional).
- 5 Enter the **Proxy Server Password** (optional).
- 6 Click **Add Proxy Configuration**.
- 7 Click **Continue**.

Customer Experience Improvement Program (CEIP)

Agree to participate in the Customer Experience Improvement Program (CEIP).

As part of the Enhanced Customer Experience Improvement Program ("CEIP"), VMware Skyline collects certain technical data and product logs about your organization's use of VMware products and services on a regular basis. The data collected may include device identifiers and information that identifies your users. This data is collected to enable VMware to diagnose and improve its products and services, fix product issues, provide proactive technical support and to advise you on how to best deploy and use our products.

For additional information regarding the CEIP, please see the Trust & Assurance Center at <https://www.vmware.com/solutions/trustvmware/ceip>.

By configuring your VMware products to participate in the Skyline service, each product will be enabled to send product usage data to the Skyline services as part of the Customer Experience Improvement Program. You may add, remove, or modify your product configurations at any time. For detailed instructions, see [VMware Knowledge Base \(KB\) article 74676](#).

To disable your participation in Skyline at any time, you may deregister your Collector. For detailed instructions, see [VMware Knowledge Base \(KB\) article 74677](#)

Procedure

- ◆ After reviewing the CEIP details, Click **Continue**.

Collector Registration

You must register the Skyline Collector with your Cloud Services Organization.

Prerequisites

- A VMware Cloud Services Organization.
- Begun Skyline Collector initial configuration.

If you have not created a VMware Cloud Services Organization for Skyline, visit the [VMware Skyline Get-Started](#) page to complete this process.

Procedure

- 1 **Type**, or **paste**, your registration token in the space provided next to Collector Registration Token.
- 2 Click **Register Collector**.
- 3 Click **Continue**.

Collector Successfully Registered.

Continue Configuration

Prepare for adding vCenter Server, NSX Manager, Horizon Connection Server, and vRealize Operations Manager to Skyline Collector.

You are now ready to add vCenter Server, NSX Manager, Horizon View, and vRealize Operations to the Skyline Collector. You can request or create appropriate accounts or credentials now. You can complete this step later without having to complete the previous steps.

Prerequisites

- For vCenter Server, An account with the following permissions is required.
 - Built-in vCenter Server read-only role
 - Global. License
 - Global. Diagnostics
 - Global. Health

- Global. Settings
- For NSX Manager, a user account with the following permissions is required.
 - Built-in NSX Manager Auditor role
 - Access to query information through APIs.

Note

- **Note** While VMware continues to recommend that an account with the NSX Manager built-in **Auditor** role be used, the **Auditor** role does not have permission to collect NSX Edge support log bundles using Skyline Log Assist.

If you want to enable the collection of NSX Edge support log bundles with Skyline Log Assist, you must use an account with the NSX Manager built-in **NSX Administrator** role when adding an NSX Manager to Skyline Collector.

For detailed instructions for how to create a user account with the preceding permissions, please see [Knowledge Base Article 59661](#).

- For Horizon View, a user account with the following permissions is required.
 - Horizon 7 Inventory Administrator (read-only) predefined role
 - Log Collector Administrators
 - For vRealize Operations, a user account with the following permissions is required.
 - vRealize Operations Manager Administrators role.
-

Procedure

- ◆ Click **Continue**.

Collector Name

Create a friendly name for the Skyline Collector for ease of troubleshooting.

A friendly name describes the environment you are configuring the Skyline Collector to collect product usage data from. This name is used to make it easier for VMware GSS to communicate information about the Skyline Collector with you.

Examples: East-Production, City Name, Test/Dev

Procedure

- 1 Enter a **Friendly Name**.
- 2 Click **Set Friendly Name**.
- 3 Click **Continue**.

Auto-Upgrade


Enable automatic upgrades for the Skyline Collector.

If an update is available, the Skyline Collector supports the ability to upgrade automatically. Auto-Upgrade checks for and install updates to the Skyline Collector at a specific time and day of the week that you specify.

Prerequisites

The Skyline Collector must be able to receive update notifications from vapp-updates.vmware.com. For more details regarding networking requirements, see [Networking Requirements](#)

Procedure

- 1 Toggle Enable Collector Auto-Upgrade to Yes . If you do not want to enable Auto-Upgrade, skip to the next step.
 - a Using the **dropdown menu**, pick a day of the week for the Skyline Collector to check for and install updates, if available.
 - b Using the **dropdown menu**, pick a time of the day for the Skyline Collector to check for and install updates, if available.
- 2 To save your settings, click **Set Upgrade Configuration**.
- 3 Click **Continue**.

After each collector auto-upgrade, an email notification will be sent to the My VMware email address used during the initial configuration.

Configure vCenter Server

You can add a vCenter Server to the Skyline Collector for product usage data collection.

Prerequisites

A user account with the following vCenter Server permissions is required to configure vCenter Server for the product use data collection.

- vCenter Server built-in read-only role
- Global.License
- Global.Diagnostics
- Global.Health
- Global.Settings

For detailed instructions for how to create a user account with the above permissions, please see [Knowledge Base Article 59661](#).

Procedure

- 1 Enter the vCenter Server details.
 - a Enter the vCenter Server or **fully-qualified domain name (FQDN)** or **IP address**.
 - b Enter a vCenter Server user **Account Username**.
 - c Enter the vCenter Server user **Account Password**.

- 2 If you are using an external Platform Services Controller (PSC), Single-Sign On (SSO) provider or have a custom SSO domain, toggle the Use Custom SSO Configuration switch to **Yes**.
 - a Enter the PSC/SSO server or **fully-qualified domain name (FQDN)** or **IP address**.
 - b If you are using the default PSC/SSO provider configuration, you do not need to complete the **Advanced Options (optional)** fields. Complete the **SSO Admin URL**, **SSO STS URL** and **Lookup Service URL** only if you specified a custom configuration during the deployment of your PSC or SSO provider.

For additional details regarding your PSC/SSO provider configuration, please see the vCenter Server vpxd.cfg file.
 - In vCenter Server Appliance 6.x, the vpxd.cfg file is located at /etc/vmware-vpx/.
 - In Windows Server, the vpxd.cfg file is located at C:\ProgramData\VMware\VMware VirtualCenter\vpxd.cfg.
 - In vCenter Server 6.0, the vpxd.cfg file is located at C:\ProgramData\VMware\vCenterServer\cfg\vmware-vpx.
 - c If you do not want to collect product usage data from all data centers connected to the vCenter Server you are configuring, toggle the Collect from all Datacenters switch to **No**, then click **Add**. An invalid certificate warning may appear. This is expected, click **Continue**. Select the **checkbox** next to each data center that you want to collect product usage data for. When finished selecting data centers, click **Enable Selected Datacenters**.

- 3 Click **Add** to complete the addition of vCenter Server to the Skyline Collector for product usage data collection.

- 4 Click **Continue**.

You now receive proactive findings for the VMware vSphere environment managed by the vCenter Server, that you have added to Skyline Collector. You can add additional vCenter Servers to the Skyline Collector within the Skyline Collector user interface.

Note Disabling product usage data collection from all data centers may prohibit VMware from providing an optimal support experience.

Configure NSX Manager (Optional)

You can add a NSX Manager to the Skyline Collector for product usage data collection.

If NSX is deployed within your environment, you can add an NSX Manager to the Skyline Collector now to enable to receive findings and recommendations for NSX.

This step can be skipped if you do not have NSX deployed within in your environment, or do not want to add an NSX Manager to the Skyline Collector now.

Prerequisites

An account with the following permissions in NSX Manager is required to configure NSX Manager for the product usage data collection.

- NSX Manager built-in Auditor role.
- Access to query information through APIs. Instructions for how to create a user with API privileges within NSX Manager can be found within [VMware Knowledge Base Article 2150736](#).

Note While VMware recommends an account with the NSX Manager built-in **Auditor** role be used, the **Auditor** role does not have permission to collect NSX Edge support log bundles using Skyline Log Assist.

If you want to enable the collection of NSX Edge support log bundles with Skyline Log Assist, you must use an account with the NSX Manager built-in **NSX Administrator** role when adding an NSX Manager to Skyline Collector.

For detailed instructions for how to create a user account with the preceding permissions, see [Knowledge Base Article 59661](#).

Procedure

- 1 Enter the NSX Manager details.
 - a Enter the NSX Manager **fully-qualified domain name (FQDN) or IP address**.
 - b Enter a NSX Manager user **Account Username**.
 - c Enter the NSX Manager user **Account Password**.
- 2 To add this NSX Manager to the Skyline Collector, click **Add**.
- 3 Click **Continue**.

You receive findings for the NSX Manager added to Skyline Collector. You can add additional NSX Managers to the Skyline Collector within the Skyline Collector User Interface.

Configure Horizon View (Optional)

You can add a Horizon View Connection Server to the Skyline Collector for product usage data collection.

If Horizon View is deployed within your environment, you can add a Horizon View Connection Server to the Skyline Collector now to enable to receive proactive findings and recommendations for Horizon View.

This step can be skipped if you do not have Horizon View deployed within in your environment, or do not want to add a Horizon View Connection Server to the Skyline Collector now.

Prerequisites

A user account with the following Horizon View permissions is required to add Horizon View to the Skyline Collector.

- Horizon 7 Inventory Administrator (read-only) predefined role
- Log Collector Administrators

The Horizon 7 Inventory (read-only) predefined role has the following user capabilities within Horizon 7.

- View, but not modify, inventory objects.

For more information, see [Predefined Administrator Roles](#).

Procedure

- 1 Enter the Horizon View Connection Server details.
 - a Enter the Horizon View Connection Server **fully-qualified domain name** or **IP address**.
 - b Enter a Horizon View user **Account Username**.
 - c Enter the Horizon View user **Account Password**.
- 2 Click **Add** to complete the process of adding the Horizon View Connection Server to the Skyline Collector.

You receive proactive findings for the Horizon View Connection Server added to Skyline Collector. You can add additional Horizon View Connection Servers to the Skyline Collector within the Skyline Collector User Interface.

Configure vRealize Operations (Optional)

You can add a vRealize Operations Manager to the Skyline Collector for product usage data collection.

If vRealize Operations is deployed within your environment, you can add a vRealize Operations Manager to the Skyline Collector now to enable to receive proactive findings and recommendations for vRealize Operations.

This step can be skipped if you do not have vRealize Operations deployed within in your environment, or do not want to add a vRealize Operations Manager to the Skyline Collector now.

Prerequisites

A user account with the following vRealize Operations Manager permissions is required to add vRealize Operations Manager to the Skyline Collector.

- vRealize Operations Manager read-only role.

For more information, see [Roles and Privileges in vRealize Operations Manager](#).

Procedure

- 1 Enter the vRealize Operations Manager details.
 - a Enter the vRealize Operations Manager **fully-qualified domain name** or **IP address**.
 - b Enter a vRealize Operations Manager user **Account Username**.
 - c Enter the vRealize Operations Manager user **Account Password**.
- 2 Click **Add** to complete the process of adding the vRealize Operations Manager to Skyline Collector.

You now receive proactive findings for the vRealize Operations Manager added to the Skyline Collector. You can add additional vRealize Operations Managers to the Skyline Collector within the Skyline Collector User Interface.

What to do next

You can review your products, modify products, or add products within the VMware Skyline Collector user interface. Refer to the VMware Skyline Collector User Guide for more information. Click **Finish** to complete the Initial Configuration of the Skyline Collector.

Migrate Existing Skyline Collectors

If you have existing Skyline Collectors, migrate them to your VMware Cloud Services Organization.

Prerequisites

Existing Skyline Collectors deployed within your environment running version 1.4 or earlier.

Procedure

- 1 Return to the Skyline Organization wizard within VMware Cloud Services. Access the Skyline Organization wizard at <https://skyline.vmware.com/get-started>.
- 2 Click **Get-Started**.
- 3 Click **Step 5 - Manage existing Collectors**.
- 4 Migrate an existing Skyline Collectors to your Skyline Organization by clicking **Migrate** next to the Skyline Collector.
- 5 After migrating all Skyline Collectors, click **Proceed to Next Step**.

Access Skyline Advisor

View your active findings, transfer support log bundles, and manage your Skyline Collectors.

Prerequisites

- Ensure a VMware Cloud Services Organization is created.
- Skyline Collector is deployed.
- Skyline Collector is registered with your VMware Cloud Services Organization.

Procedure

- 1 You can access Skyline Advisor directly using this link: <https://skyline.vmware.com/advisor>.
 - a We recommend bookmarking this link for later use.
- 2 You can now close the Skyline Organization wizard page within VMware Cloud Services.