

VMWARE HORIZON 7 WITH VMWARE HORIZON CLOUD SERVICE

Complete the following tasks to prepare your Horizon 7 environment to connect to the VMware Horizon® Cloud Service™ or for Deploying Horizon 7 in VMware Cloud on AWS using Horizon Cloud. Ensure every step is completed as described below to complete a successful deployment.

Setup Checklist

HORIZON CLOUD CONTROL PLANE REQUIREMENTS	
<input type="checkbox"/>	Active My VMware account to log in to the Horizon Cloud Control Plane.
<input type="checkbox"/>	Valid Horizon Subscription License for Horizon 7
ACTIVE DIRECTORY REQUIREMENTS	
<input type="checkbox"/>	Supported Windows Active Directory Domain Services (AD DS) domain functional levels: <ul style="list-style-type: none"> • Windows Server 2008 • Windows Server 2008 R2 • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016
<input type="checkbox"/>	All cloud-connected pods must have line-of-sight to the same set of Active Directory domains at the time you connect or deploy those pods.
<input type="checkbox"/>	Domain bind account <ul style="list-style-type: none"> • Active Directory domain bind account (a standard user with read access) that has permission to read objects in AD • Set account password to "Never Expire"
<input type="checkbox"/>	Auxiliary domain bind account (Cannot use the same account as above) <ul style="list-style-type: none"> • Active Directory domain bind account (a standard user with read access) that has permission to read objects in AD. • Set account password to "Never Expire"
<input type="checkbox"/>	Domain join account <ul style="list-style-type: none"> • Active Directory domain join account which can be used by the system to perform Sysprep operations and join computers to the domain, typically a new account ("domain join useraccount") • Is a member of the Horizon Cloud Administrators Group • This account requires the following Active Directory permissions: List Contents, Read All Properties, Read Permissions, Reset Password, Create Computer Objects, Delete Computer Objects, and Write All Properties. • Set account password to "Never Expire"
<input type="checkbox"/>	Auxiliary domain join account (Optional, cannot use the same account as above) <ul style="list-style-type: none"> • Active Directory domain join account which can be used by the system to perform Sysprep operations and join computers to the domain, typically a new account ("domain join aux useraccount") • Is a member of the Horizon Cloud Administrators Group • This account requires the following Active Directory permissions: List Contents, Read All Properties, Read Permissions, Reset Password, Create Computer Objects, Delete Computer Objects, and Write All Properties. • Set account password to "Never Expire"
<input type="checkbox"/>	Active Directory groups <ul style="list-style-type: none"> • Horizon Cloud Administrators – Active Directory security group for Horizon Cloud administrators; contains the Horizon Cloud administrative users and domain join account. This group is added to the "Super Administrators" role in Horizon Cloud. • Horizon Cloud Users – Active Directory security group for the users which will have access to Desktops and RDS session-based desktops and published applications in Horizon Cloud.
MANUAL POD DEPLOYMENT	
<input type="checkbox"/>	Horizon Pod at Horizon 7 version 7.7 or later
<input type="checkbox"/>	Horizon 7 Cloud Connector Virtual Appliance <ul style="list-style-type: none"> • Static IP • DNS Forward and Reverse Lookup Records



AUTOMATED POD DEPLOYMENT ON VMWARE CLOUD ON AWS	
<input type="checkbox"/>	An existing VMware Cloud on AWS SDDC that will be used for Horizon 7 Desktops and Apps. This SDDC should be dedicated to running Horizon 7 <ul style="list-style-type: none"> • SDDC deployed with NSX-T Networking • Access to Amazon S3 Storage Service from the SDDC Compute network and SDDC vCenter • Valid API Token from your VMware Cloud Services Organization and your account has the necessary privileges to access VMware Cloud Services that include NSX Cloud Admin and Cloud Administrator
<input type="checkbox"/>	Active Directory available and accessible from the VMware Cloud on AWS SDDC <ul style="list-style-type: none"> • Active Directory inside your VMware Cloud environment - Set up by logging into the VMware Cloud vCenter and installing Microsoft Active Directory on a new VM. • Active Directory in your on-premises environment via VPN or Direct Connect - Set up by configuring a VPN or Direct Connect between the VMware Cloud environment and the on-premises environment where the Active Directory is running. • Active Directory in a peer VMware Cloud environment via VPN - Set up by configuring a VPN between the Horizon located VMware Cloud environment and Peer VMware Cloud environment where the Active Directory is running.
<input type="checkbox"/>	Active Directory Service Account created that is referred to as "Administrator" in the Deployment Wizard <ul style="list-style-type: none"> • Service account must be a member of the Domain Admins Group in Active Directory
<input type="checkbox"/>	SQL Server deployed and configured inside your VMware Cloud on AWS environment that is to be used by Horizon 7 <ul style="list-style-type: none"> • Deployed in the same SDDC as Horizon 7 or on AWS in the same region as the SDDC • SQL Server 2012 SP2 and SP3 – Standard and Enterprise Editions • SQL Server 2014 SP2 • SQL Server 2016 SP2
<input type="checkbox"/>	Outbound internet access on the VMware Cloud on AWS SDDC to specific DNS names, that must to be resolvable and reachable using specific ports and protocols. This is required for deployment and ongoing operations, see Horizon Cloud DNS, Ports, Protocol Requirements
<input type="checkbox"/>	Certificate(s) in .pfx format for Unified Access Gateway and Horizon Connection Server (Optional)
<input type="checkbox"/>	Windows Server 2016 License for the deployed Horizon VMs <ul style="list-style-type: none"> • Two Horizon Connection Server VMs • Three App Volumes Manager Server VMs
PORTS AND PROTOCOL REQUIREMENTS	
<input type="checkbox"/>	Specific ports and protocols are required for ongoing operations of the Horizon Cloud environment, see Horizon Cloud DNS, Ports, Protocol Requirements
LICENSING	
<input type="checkbox"/>	Microsoft Windows 7 and Windows 10 Licensing
<input type="checkbox"/>	Microsoft Windows Server 2012 R2, Server 2016 Licensing and/or Server 2019 Licensing
<input type="checkbox"/>	Microsoft Windows RDS Licensing Servers – VMware recommends redundant licensing servers for high availability.
<input type="checkbox"/>	Microsoft RDS User and/or Device CALs

