

Offline Upgrade VIDM 3.3 to WoA 20.01.1

★ Pre-task for all upgrades

- Check the VMware Interop Matrix and Product Release notes atleast twice
- Appliances backup/Snapshots
- VMware Identity Manager Config/Settings screenshots
- Full DB Back-up
- SQL Always on
- Suspend Data Movement
- Disable 1 Manager during upgrade
- Load Balancer
- Move onto other nodes within the cluster
- Create Windows VM for Connector transition from Linux to Windows (Two in each Primary/Secondary Site)
- Upload the Offline upgrade zip package for 19.03/20.01 into /tmp directory
- Upload any environment specific hot-fix into /home/sshuser directory

Reference Documentation

- Using the offline upgrade instructions
- <https://docs.vmware.com/en/VMware-Workspace-ONE-Access/3.3/com.vmware.vidmconnector.upgrade.doc/GUID-BB9B1FA5-745C-4A84-9B25-553D72140B18.html>
- Prerequisites for offline upgrade
- <https://docs.vmware.com/en/VMware-Workspace-ONE-Access/19.03/identitymanager-upgrade.doc/GUID-8D96454D-86A7-476F-BA4C-87AB1B3B501C.html#GUID-8D96454D-86A7-476F-BA4C-87AB1B3B501C>
- Saving External Connector configuration information
- https://docs.vmware.com/en/VMware-Workspace-ONE-Access/19.03/idm_windows_upgrade/GUID-85FBF1F7-8830-4860-AA80-B463CB70F057.html
- Carl's Blog on the VIDM Upgrade
- <https://www.carlstalhood.com/vmware-identity-manager/#upgrade>

1 Upgrade 3.3 to 19.03 Manager

- Find out the primary node (*norin) in the cluster - `curl localhost:9200/_cat/nodes?v`
- SSH into the appliance using root account
- Run the offline upgrade command - `/usr/local/horizon/update//updateoffline.hzn -f /tmp/identity-manager-19.03.0.0-13322314-updaterepo.zip`
- Hit Enter on the first prompt and Yes to export built-in connector configuration
- Reboot the node
- Validate the Manager node within the System Dashboard for the health and version details
- Repeat the above steps on other primary nodes in Active and Passive sites

2 Upgrade 3.3 to 19.03 Connectors (Linux Appliances to Windows VM) - VMware Horizon Use

- Upload the cluster-support.tgz to /tmp location
- Unzip the file - `tar xvfz cluster-support.tgz`
- Export the configuration - `./generateClusterFile.sh Password123`
- Winscp and copy the ENC file to the newly created Windows VM
- Install the Windows Connector pre-requisites (JAVA etc.). Make sure to add the service account into local administrator for Connector installation
- Windows Installer - Connection Migration and present the ENC file and Run the Connector as domain user services (A service account that necessary permissions)
- Install any hot-patches provided by Engineering or the security vulnerability fixes
- Delete the Linux Connector for the Connectors portal
- Repeat the above steps on the remaining connector nodes in Active and Passive sites

3 Upgrade 19.03.1 to 20.01.1 Managers

- Find out the primary node (*norin) in the cluster - `curl localhost:9200/_cat/nodes?v`
- SSH into the appliance using root account
- Run the offline upgrade command - `/usr/local/horizon/update//updateoffline.hzn -f /tmp/identity-manager-20.01.0.0-15509389-updaterepo.zip`
- Hit Enter on the first prompt and Yes
- Install any hot-patches provided by Engineering or the security vulnerability fixes
- Reboot the node
- Validate the Manager node within the System Dashboard for the health and version details
- Repeat the above steps on other primary nodes in Active and Passive sites

4 Connectors remain as-is 19.03 - VMware Horizon Use

 Day1 - Upgrade/Change

 Day2 - Upgrade/Change