

# VMware Cloud Director Availability On-premises Guides

Guide #6

Upgrade through the VC plugin

You can find the most up-to-date technical documentation on the VMware website at: <https://docs.vmware.com/>

If you have comments about this documentation, submit your feedback to: [vcav-light@vmware.com](mailto:vcav-light@vmware.com)

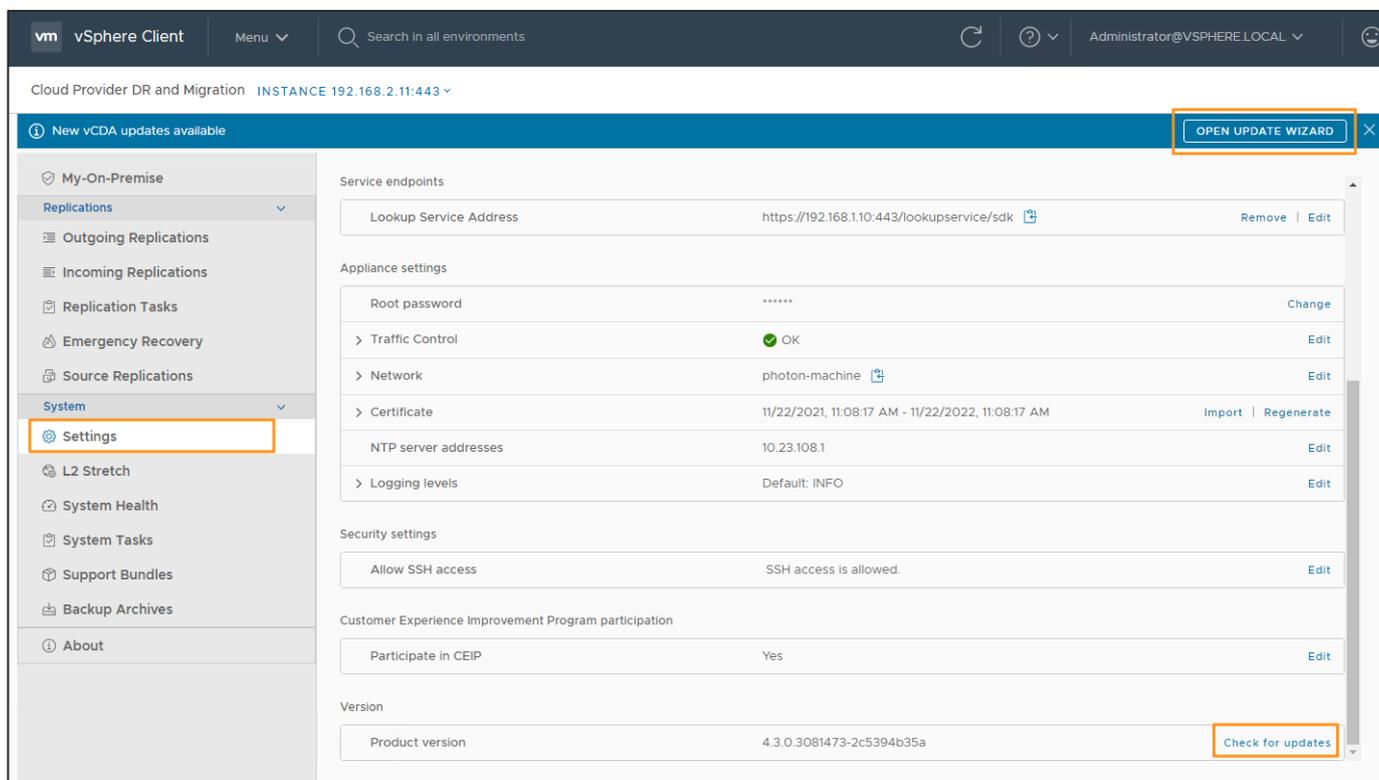
## Prerequisites

After announcing a new **VMware Cloud Director Availability** version, or when the cloud provider notifies you, consider upgrading your replicator appliance. The appliance can be upgraded from the Official Online Repository or by using an ISO file.

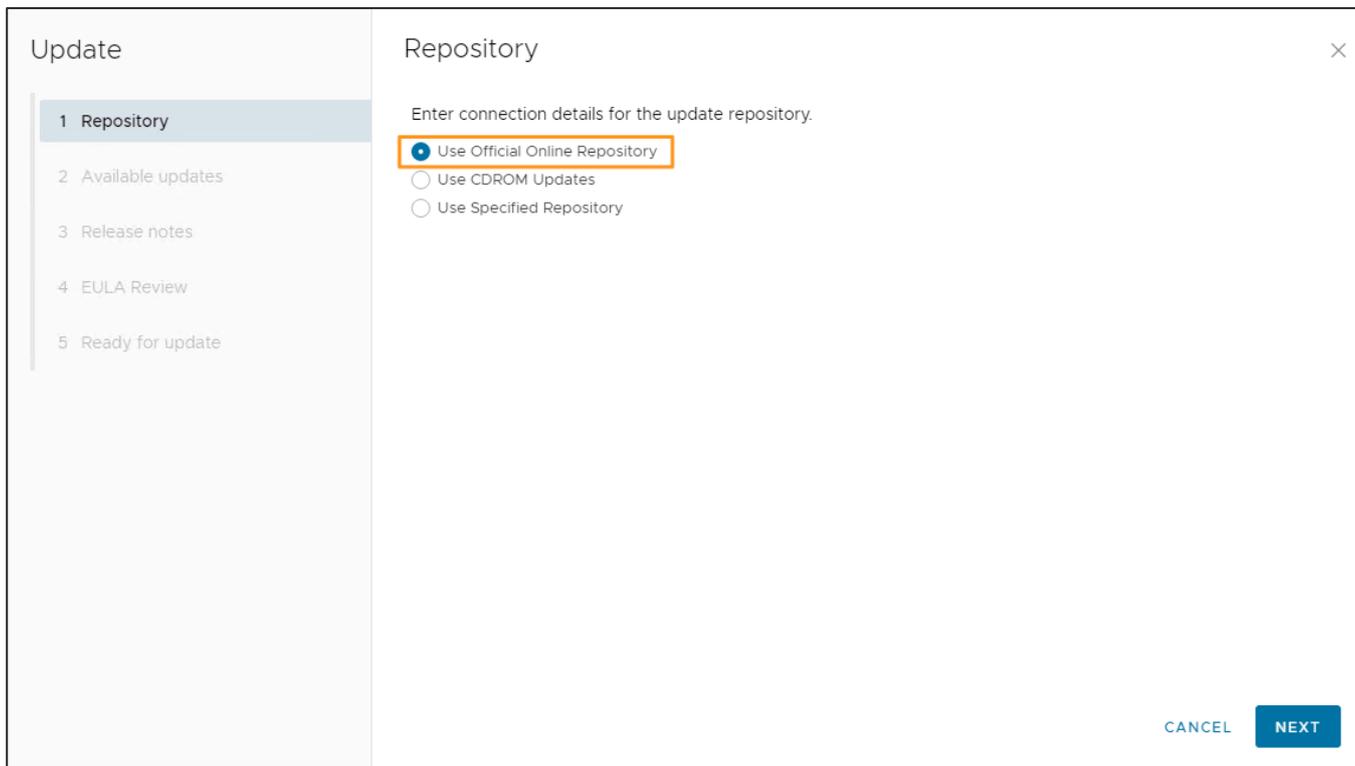
- To use the Online Repository, the appliance must have access to the Internet.
- Verify that you begin to upgrade only when the cloud provider notified you.
- Before upgrading, verify that the new the version is compatible with your environment, see the [VMware Product Interoperability Matrices](#).
- Before upgrading, take a backup and snapshot of the replicator virtual machine

## Using the Official Online Repository

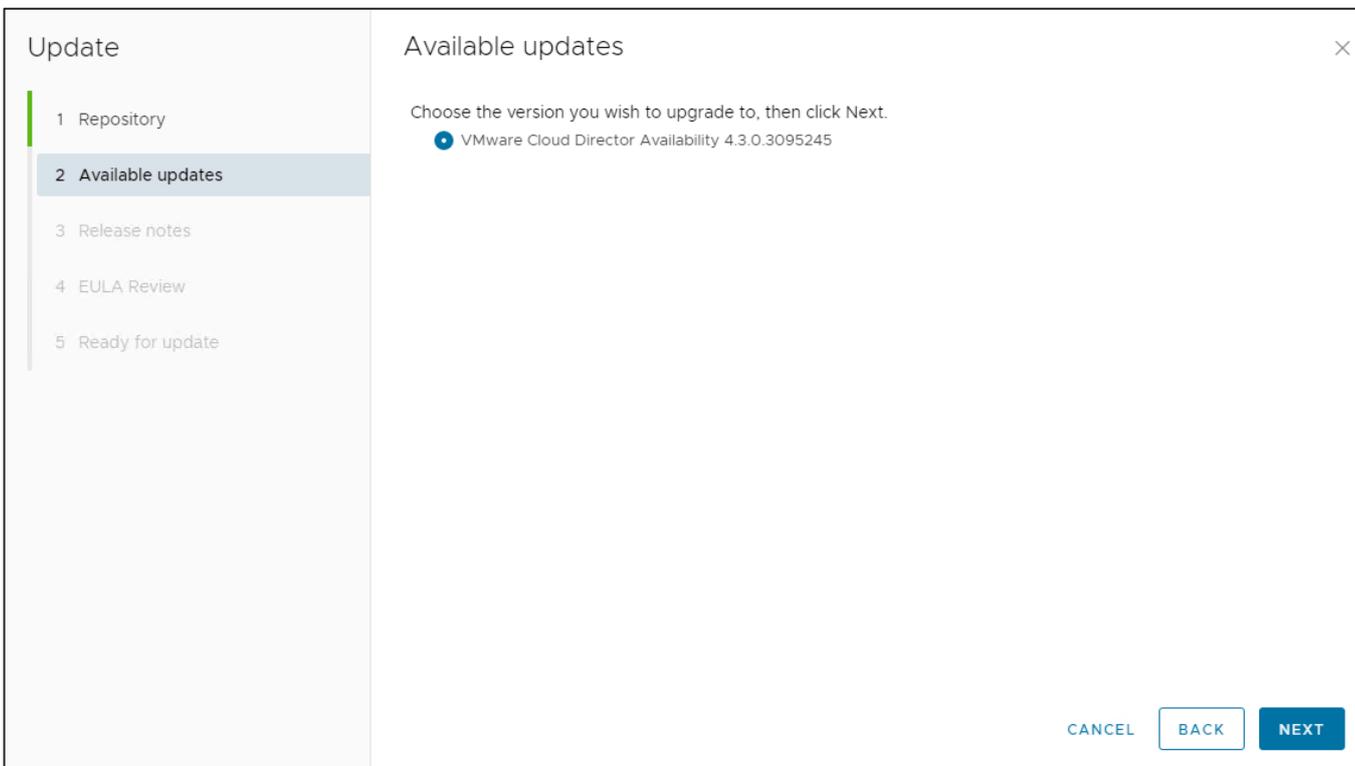
1. In the vSphere Client plug-in, click **Settings** and under **Version** click the **Check for updates** link or select **Open Update Wizard** at the top banner if new version is available.



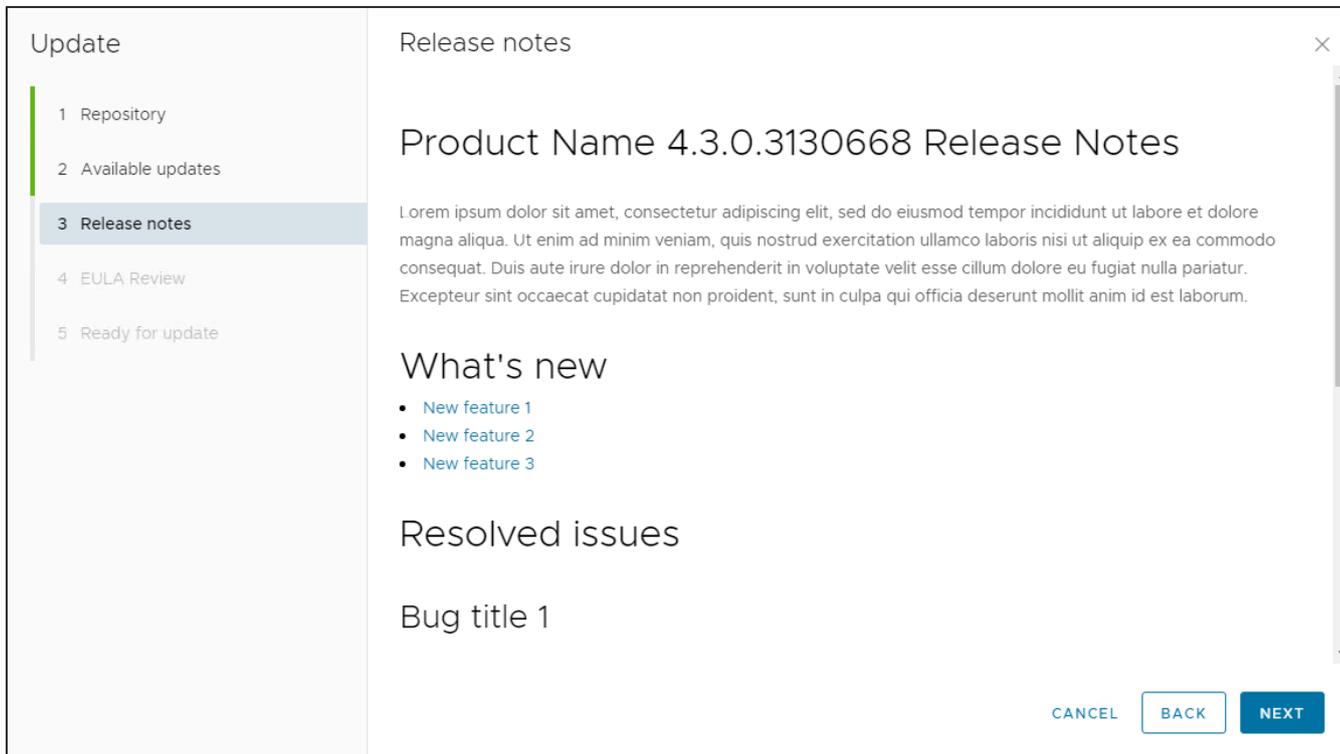
2. In the **Repository** page, leave **Use Official Online Repository** selected and click **Next**.



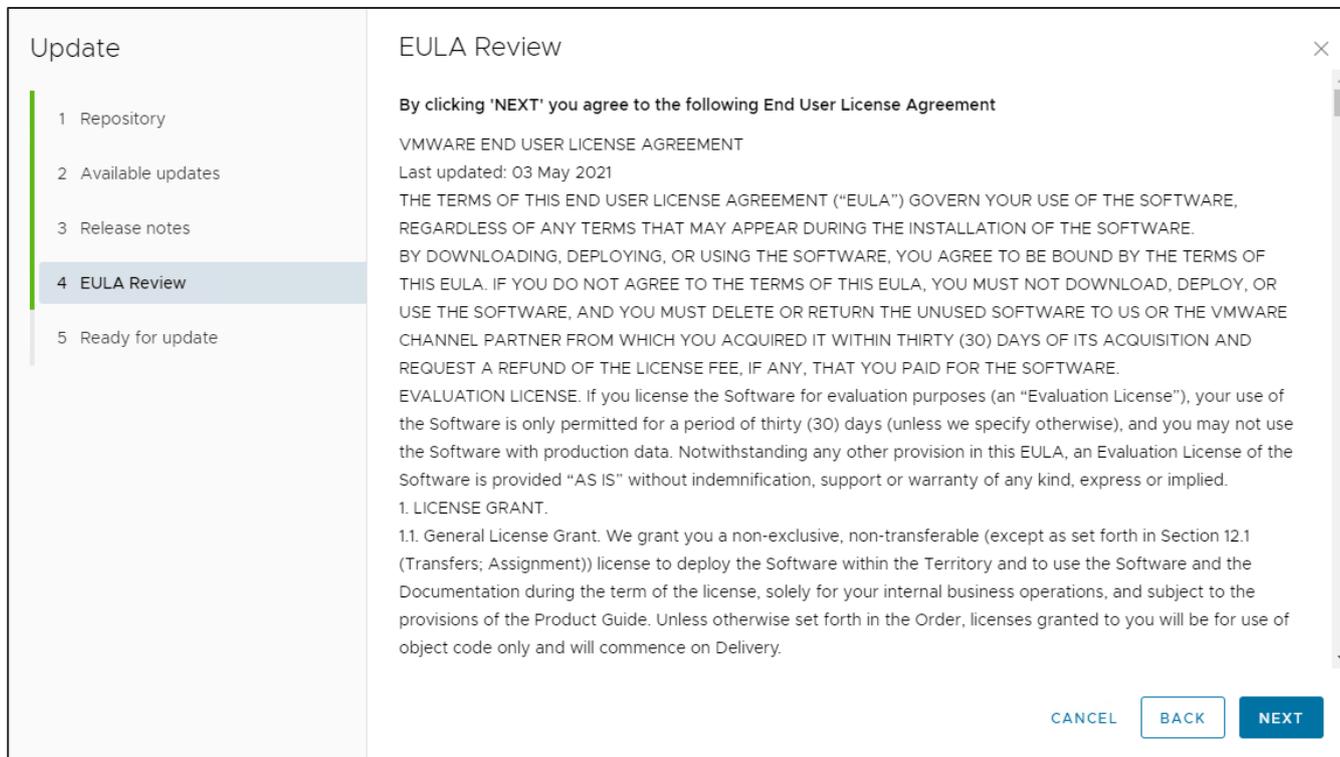
3. In the **Available updates** page, if an update is available in the official online repository, select the version and click **Next**.



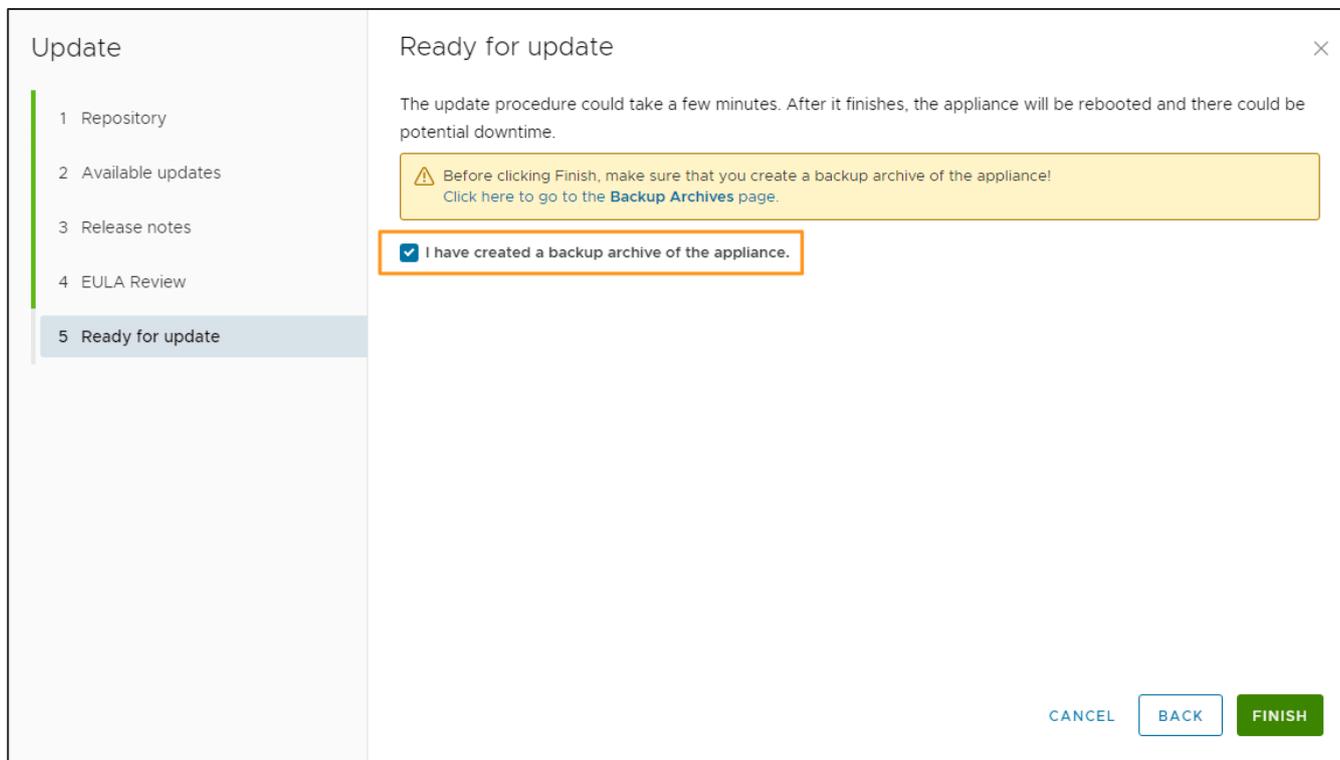
4. In **Release Notes** page, review the notes and click **Next**



5. In the **EULA Review** page, review the EULA and click **Next**.



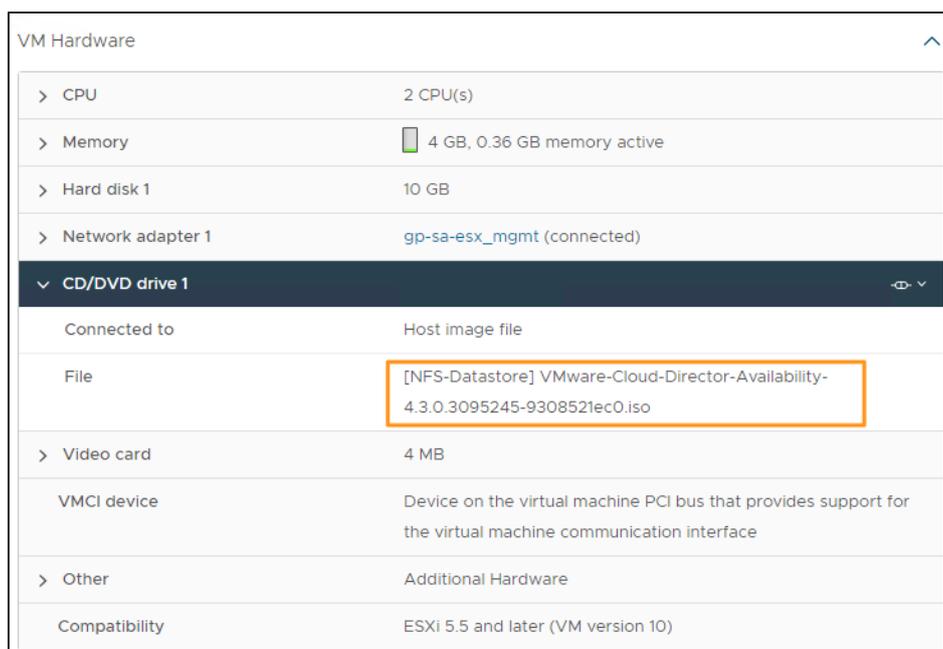
6. In the **Ready for update** page, select “I have created a backup archive of the appliance” checkbox and click **Finish** and wait for the upgrade to complete.



**Note:** The appliance upgrade can take some time to complete.

### Using an ISO file

1. Mount the **VMware Cloud Director Availability** ISO image to the replicator appliance VM.



- Open an SSH connection to the appliance and verify that the CD-ROM drive is mounted by using the `mount` command.

If the CD-ROM drive is not mounted, run the following command:

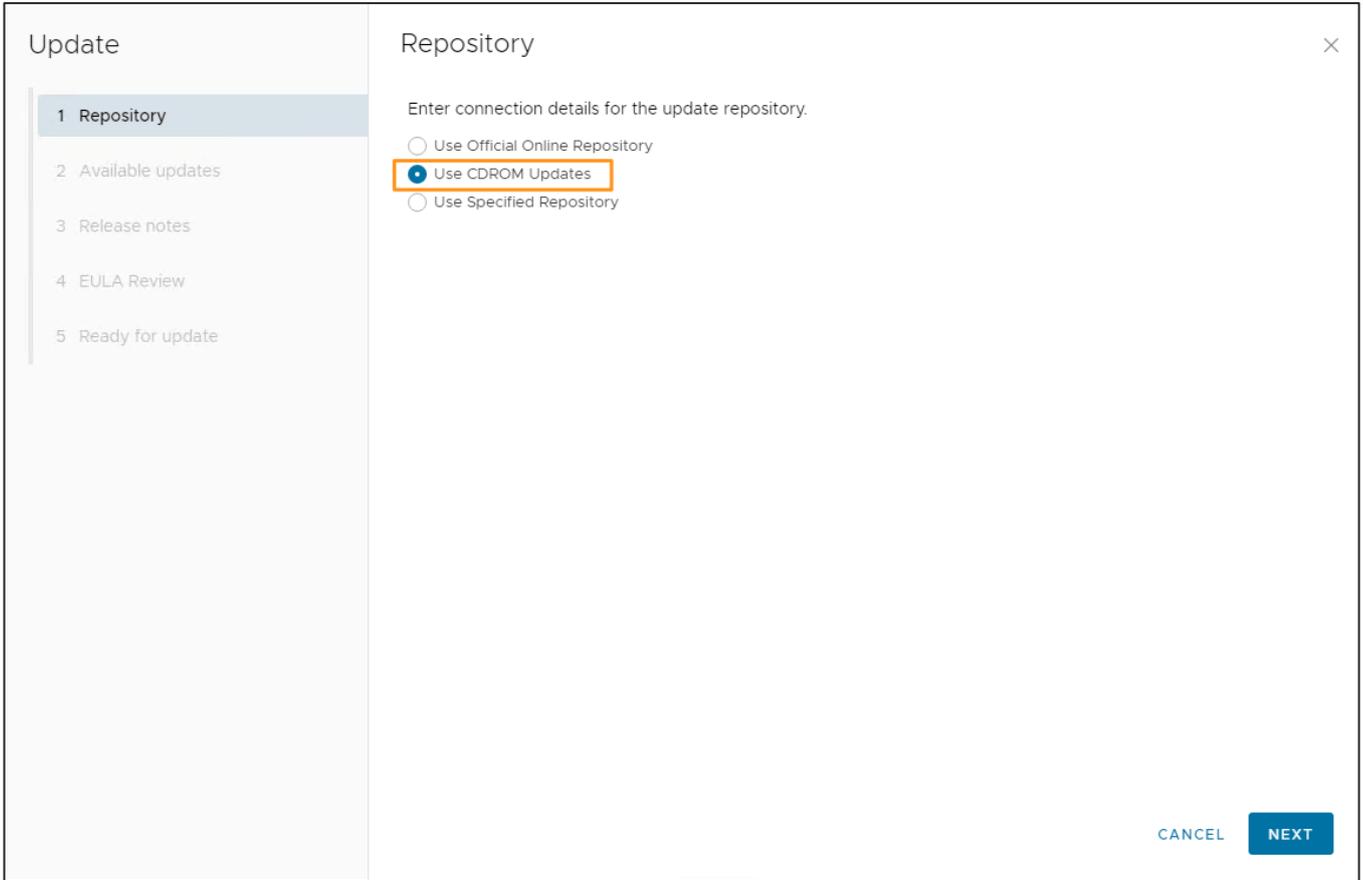
```
'mount /dev/cdrom /mnt/cdrom/'
```

```
root@photon-machine [ ~ ]# mount /dev/cdrom /mnt/cdrom/
mount: /mnt/cdrom: WARNING: source write-protected, mounted read-only.
root@photon-machine [ ~ ]# mount
proc on /proc type proc (rw,nosuid,nodev,noexec,relatime)
sysfs on /sys type sysfs (rw,nosuid,nodev,noexec,relatime)
devtmpfs on /dev type devtmpfs (rw,nosuid,noexec,size=2011224k,nr_inodes=502806,mode=755)
securityfs on /sys/kernel/security type securityfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relatime,gid=5,mode=620,ptmxmode=000)
tmpfs on /run type tmpfs (rw,nosuid,nodev,size=807484k,nr_inodes=819200,mode=755)
tmpfs on /sys/fs/cgroup type tmpfs (ro,nosuid,nodev,noexec,size=4096k,nr_inodes=1024,mode=755)
cgroup on /sys/fs/cgroup/systemd type cgroup (rw,nosuid,nodev,noexec,relatime,xattr,release_agent=/usr/lib/sy
cgroup on /sys/fs/cgroup/pids type cgroup (rw,nosuid,nodev,noexec,relatime,pids)
cgroup on /sys/fs/cgroup/devices type cgroup (rw,nosuid,nodev,noexec,relatime,devices)
cgroup on /sys/fs/cgroup/net_cls,net_prio type cgroup (rw,nosuid,nodev,noexec,relatime,net_cls,net_prio)
cgroup on /sys/fs/cgroup/memory type cgroup (rw,nosuid,nodev,noexec,relatime,memory)
cgroup on /sys/fs/cgroup/freezer type cgroup (rw,nosuid,nodev,noexec,relatime,freezer)
cgroup on /sys/fs/cgroup/blkio type cgroup (rw,nosuid,nodev,noexec,relatime,blkio)
cgroup on /sys/fs/cgroup/cpu,cpuacct type cgroup (rw,nosuid,nodev,noexec,relatime,cpu,cpuacct)
cgroup on /sys/fs/cgroup/hugetlb type cgroup (rw,nosuid,nodev,noexec,relatime,hugetlb)
cgroup on /sys/fs/cgroup/perf_event type cgroup (rw,nosuid,nodev,noexec,relatime,perf_event)
cgroup on /sys/fs/cgroup/cpuset type cgroup (rw,nosuid,nodev,noexec,relatime,cpuset)
/dev/sda3 on / type ext4 (rw,relatime)
systemd-1 on /proc/sys/fs/binfmt_misc type autofs (rw,relatime,fd=35,prgrp=1,timeout=0,minproto=5,maxproto=5,d
hugetlbfs on /dev/hugepages type hugetlbfs (rw,relatime,pagesize=2M)
mqueue on /dev/mqueue type mqueue (rw,nosuid,nodev,noexec,relatime)
debugfs on /sys/kernel/debug type debugfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /tmp type tmpfs (rw,nosuid,nodev,size=2018712k,nr_inodes=409600)
configfs on /sys/kernel/config type configfs (rw,nosuid,nodev,noexec,relatime)
fusectl on /sys/fs/fuse/connections type fusectl (rw,nosuid,nodev,noexec,relatime)
/dev/sda2 on /boot/efi type vfat (rw,nosuid,nodev,relatime,mask=0022,dmask=0022,codepage=437,iocharset=ascii
tmpfs on /run/user/0 type tmpfs (rw,nosuid,nodev,relatime,size=403740k,nr_inodes=100935,mode=700)
/dev/sr0 on /mnt/cdrom type iso9660 (ro,relatime,nojoliet,check=s,map=n,blocksize=2048)
root@photon-machine [ ~ ]#
```

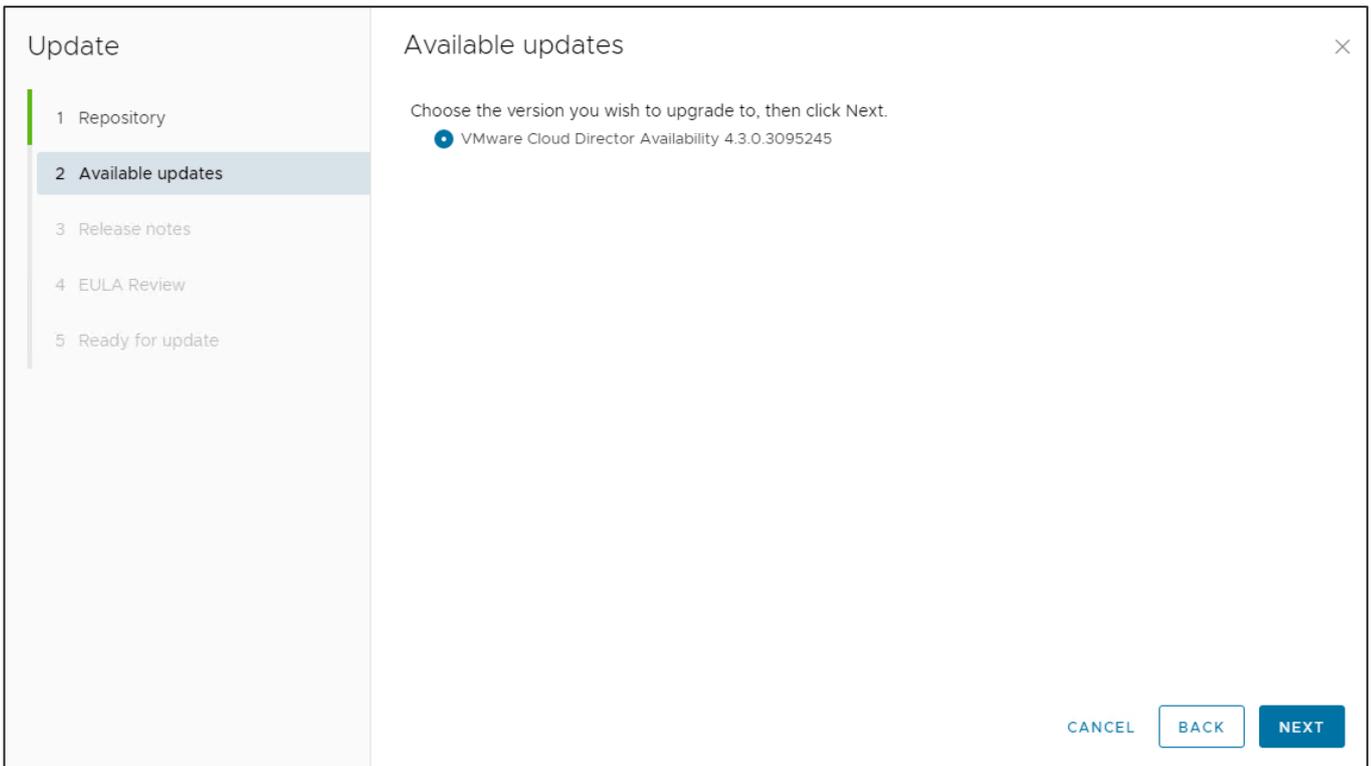
- In the vSphere Client plug-in, click **Settings** and under **Version** click the **Check for updates** link or select **Open Update Wizard** at the top banner if new version is available.

The screenshot displays the vSphere Client interface for a Photon Machine. The left sidebar shows the 'Settings' menu item selected. The main content area is divided into several sections: 'Service endpoints', 'Appliance settings', 'Security settings', and 'Customer Experience Improvement Program participation'. The 'Version' section at the bottom right shows the product version as 4.3.0.3081473-2c5394b35a, with a 'Check for updates' button highlighted. At the top right, a banner indicates 'New vCDA updates available' with an 'OPEN UPDATE WIZARD' button highlighted.

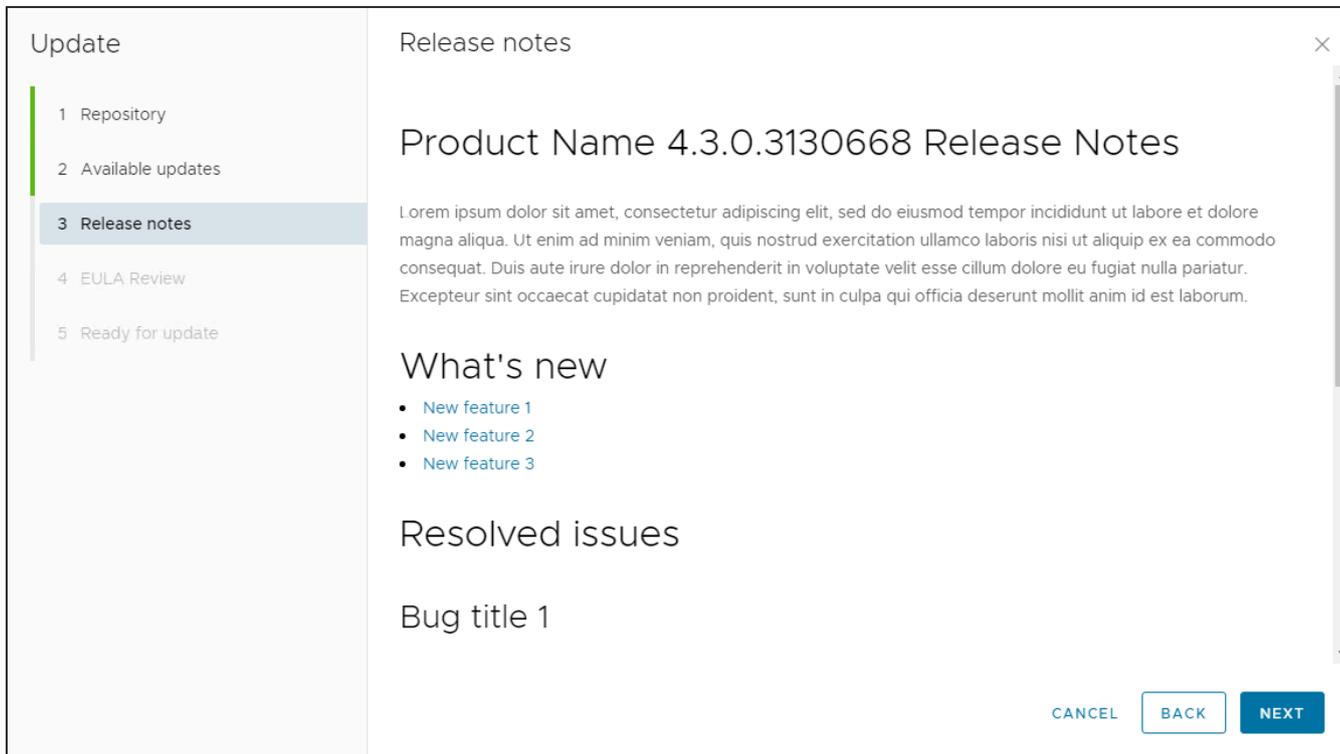
4. In the **Repository** page, select **Use CDROM Updates** and click **Next**.



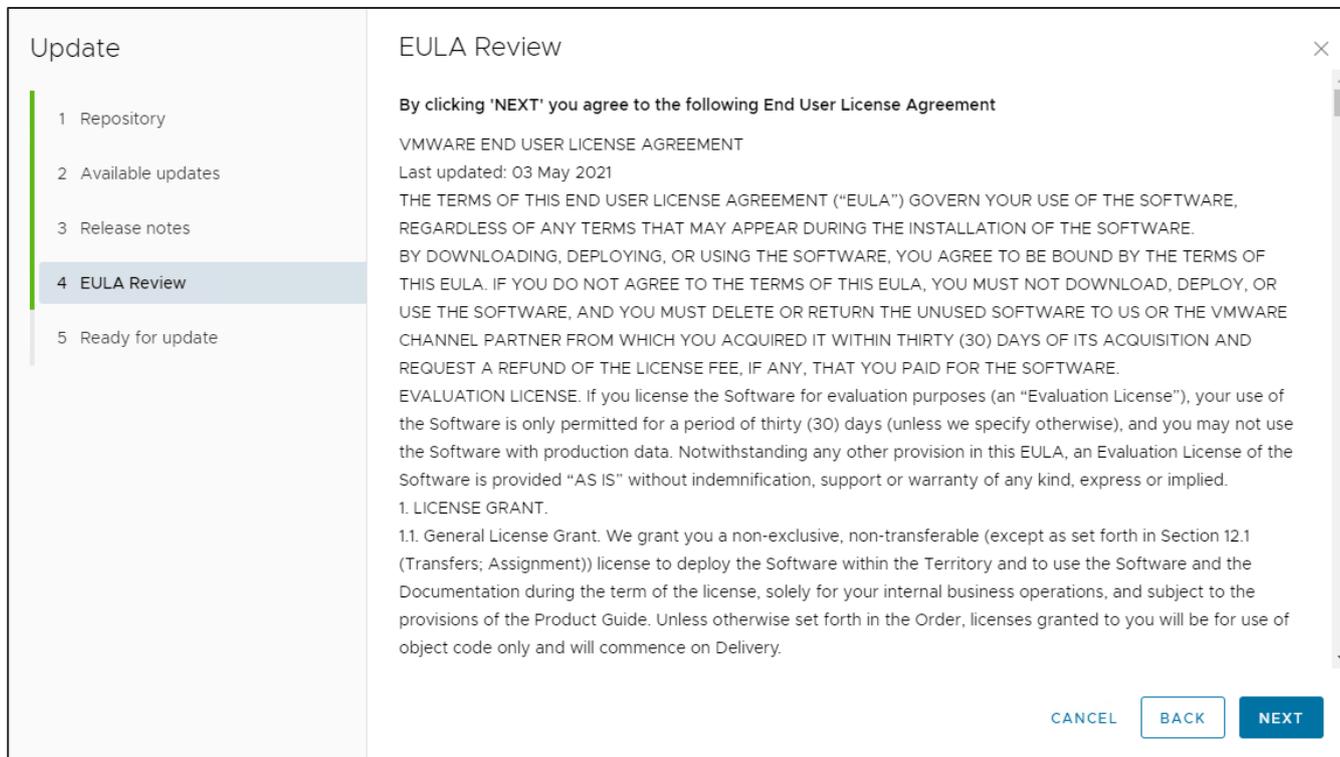
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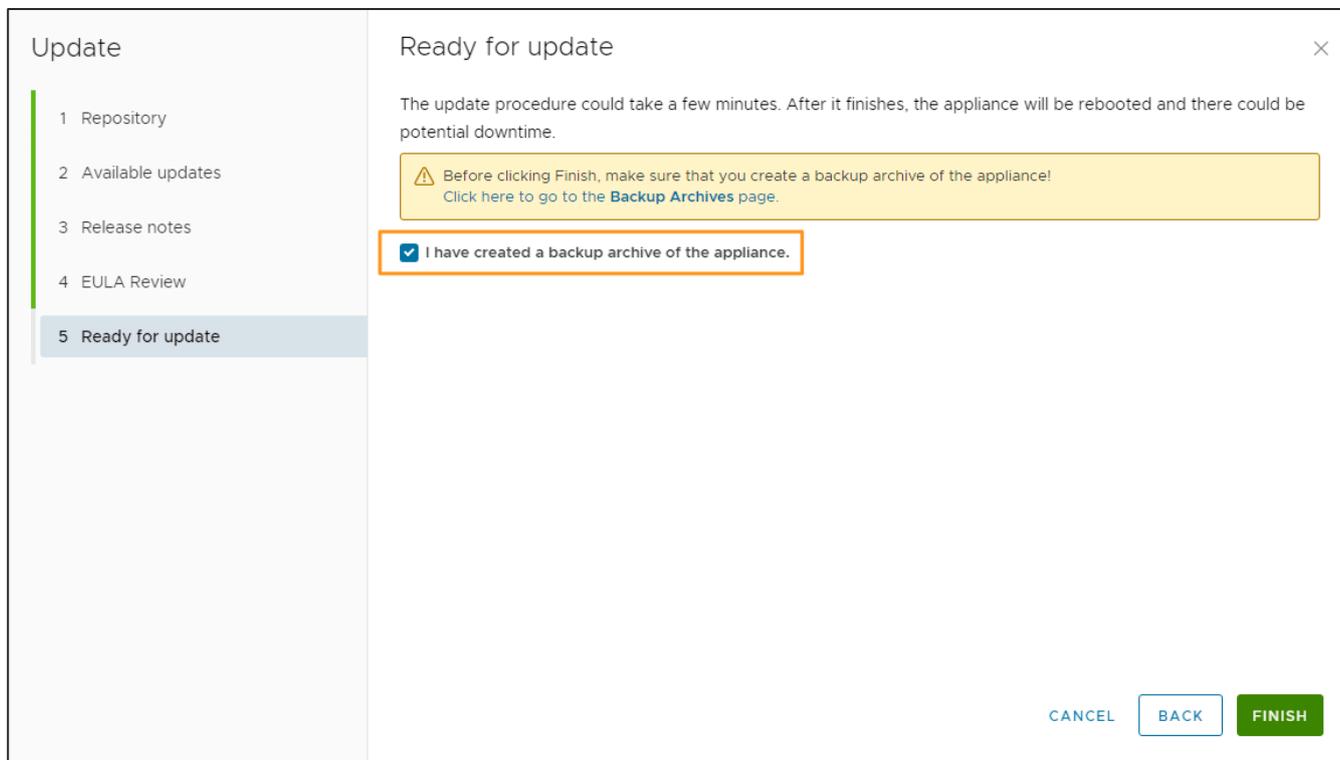
6. In **Release Notes** page, review the notes and click **Next**



7. In the **EULA Review** page, review the EULA and click **Next**.



8. In the **Ready for update** page, select “I have created a backup archive of the appliance” checkbox and click **Finish** and wait for the upgrade to complete.



**Note:** The Internet browser caches the VMware Cloud Director Availability UI. After upgrading, the cache could lead to false configuration or wrong functionality being shown. To ensure that you load the upgraded UI, clear the browser cache. You can press Ctrl+F5 or Ctrl+Shift+R (Cmd+Shift+R for Mac) or clear the cache in the browser settings when opening the UI for the first time after upgrading.

