

Updating the Skyline Collector to 1.1

Patch the VAMI interface

The VAMI has an issue in 1.0.0.2 where logins will never complete. If there are no connectivity restrictions between the collector and the package repository, the process is simple

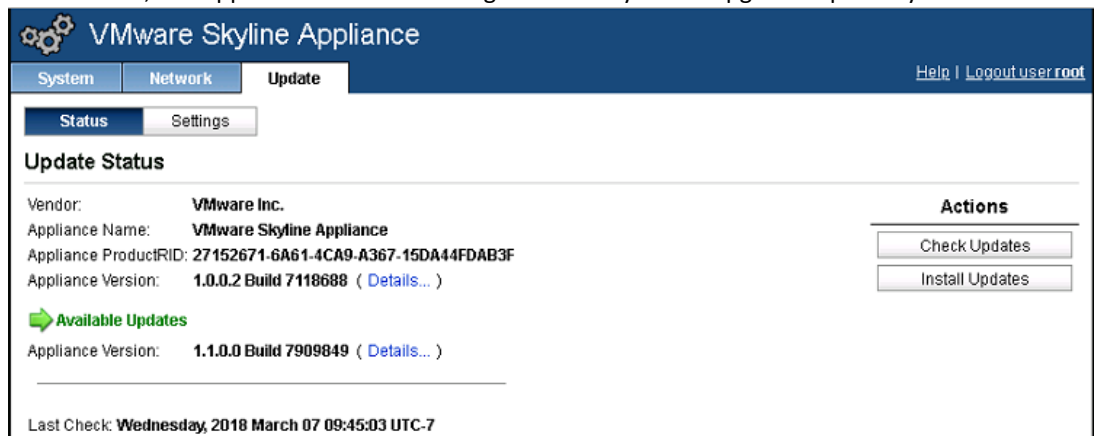
1. Open the Skyline Collector console via the vSphere Client/Web Client
2. Login as root and the root password defined during deployment
3. Run the following command:
 - a. `tdnf install -y glibc-i18n`

If the appliance is blocked from reaching the repository by firewall or other restrictions, it will require the package be downloaded and transferred to the Appliance via WinSCP or a similar method. This also requires permit root login for SSH be enabled on the collector appliance. See Appendix A for steps on enabling SSH.

1. Download the Patch from <https://kb.vmware.com/s/article/52651>
2. Use WinSCP or a similar program to move the patch to the /tmp directory of the appliance.
3. Open a console to the appliance and login with root
4. Run the following commands
 - a. `cd /tmp`
 - b. `tar -xvf patch-vami.tar.gz`
 - c. `chmod +x ./patch.sh`
 - d. `./patch.sh`

Update the Appliance

1. Login to the newly patched VAMI interface using a browser to the collector's address with port 5480
 - a. <https://skyline.example.com:5480>
2. Browse to the Update tab and check for new updates. If a connection error occurs or if no new updates are available, see Appendix B on determining connectivity to the upgrade repository.



The screenshot displays the VMware Skyline Appliance web interface. At the top, there is a navigation bar with tabs for 'System', 'Network', and 'Update'. The 'Update' tab is currently selected. Below the navigation bar, there are two sub-tabs: 'Status' and 'Settings'. The main content area is titled 'Update Status' and provides the following information:

- Vendor: VMware Inc.
- Appliance Name: VMware Skyline Appliance
- Appliance ProductRID: 27152671-6A61-4CA9-A367-15DA44FDAB3F
- Appliance Version: 1.0.0.2 Build 7118688 (Details...)
- Available Updates: A green arrow icon indicates that updates are available.
- Appliance Version: 1.1.0.0 Build 7909849 (Details...)

On the right side of the page, under the 'Actions' heading, there are two buttons: 'Check Updates' and 'Install Updates'. At the bottom of the page, it shows the last check time: 'Last Check: Wednesday, 2018 March 07 09:45:03 UTC-7'.

3. Install the available updates
4. Reboot the Appliance
5. Done!

Appendix A

Enable SSH on the Appliance

1. Open the Skyline Collector console via the vSphere Client/Web Client
2. Login as root and the root password defined during deployment
3. Run the command: `vi /etc/ssh/sshd_config`
4. Locate the line that starts with 'PermitRootLogin'
5. Enter 'i' to modify the file in VI editor
6. Remove the # before the line and change the value to 'PermitRootLogin yes'
7. Save the changes by hitting ESC + typing ':wq!'
8. Restart the sshd service by running: `service sshd restart`

Appendix B

Ensure the collector can reach vapp-updates.vmware.com on port 443

You can accomplish this from the command line of the appliance. The best method is to use wget or curl. Below is a way to test it using wget. A successful connection will show something similar to the message below but you may also see errors afterwards. This is because wget is generally meant to pull files, which it is not doing here.

```
Connecting to vapp-updates.vmware.com|23.202.224.501:443... connected.
```

1. Open the Skyline Collector console via the vSphere Client/Web Client
2. Login as root and the root password defined during deployment
3. Run the following command to test connectivity
 - a. **No proxy required**
 - i. `wget https://vapp-updates.vmware.com`
 - b. **Proxy required**

Note: *proxy_user* and *proxy_password* are only required if you use authentication for your proxy

 - i. `wget https://vapp-updates.vmware.com -e use_proxy=yes -e http_proxy=x.x.x.x -e proxy-user=PROXY_USER -e proxy-password=PROXY_PASS https://vapp-updates.vmware.com`
4. If you are unable to connect, a firewall rule may be blocking the connection. TCP 443 must be open to vapp-updates.vmware.com for this to work