



## Troubleshooting and Reference

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### Troubleshooting Upgrade Packages

**Table 1:**

| Issue                                       | Solution   |
|---|--|
| No available upgrades even after I refresh. | You are already running the latest version available for your deployment, and you have no upgrade packages loaded/configured.  |
| Suggested release is not marked.            | The suggested release is listed only if you are eligible for it. It is not listed if you are already running the suggested release or higher, or if you cannot upgrade that far. Note that patches to suggested releases are not marked as suggested, although we do recommend you apply them.   |
| I don't see the packages I want.            | Only major, maintenance, and patch upgrades that apply to your deployment <i>right now</i> are listed and available for direct download. Unless you manually upload, the following are not listed: <ul style="list-style-type: none"><li>• Device upgrades (major and maintenance) to a particular version, unless you have a device that supports that version.</li><li>• Device patches, unless you have at least one device at the appropriate maintenance release.</li><li>• Hotfixes. You must manually upload these.</li></ul> |

# Troubleshooting Threat Defense Upgrade

Table 2:

| Issue  | Solution  |
|--|---|
| <p><b>Upgrade</b> button missing for my target version.</p>                              | <p>Either of:</p> <ul style="list-style-type: none"> <li>• You still need the upgrade package.</li> <li>• You do not have anything that can be upgraded to that version right now.</li> </ul>   |
| <p>Devices not listed in the upgrade wizard.</p>   | <p>If you accessed the wizard directly from <b>Devices &gt; Threat Defense Upgrade</b>, the workflow may be blank.</p> <p>To begin, choose a target version from the <b>Upgrade to</b> menu. The system determines which devices can be upgraded to that version and displays them in the Device Details pane. Note that the choices in the <b>Upgrade to</b> menu correspond to the device upgrade packages on the management center. If your target version is not listed, click <b>Manage Upgrade Packages</b> to upload it; see <a href="#">Uploading and Downloading Upgrade Packages to the Management Center</a>.</p> <p>If you have a target version but the wizard still does not list any devices, you have no devices that can be upgraded to that version. If you still think you should see devices here, your user role could be prohibiting you from managing (and therefore upgrading) devices.</p>   |
| <p>Copying upgrade packages from the management center to managed devices times out.</p> | <p>This often happens when there is limited bandwidth between the management center and its devices.</p> <p>You can try one of:</p> <ul style="list-style-type: none"> <li>• Configure devices to get upgrade packages directly from an internal web server.</li> </ul> <p>To do this, delete the upgrade package from the management center (optional but saves disk space), then re-add the upgrade package except this time specify a pointer (URL) to its location instead. See <a href="#">Copy Upgrade Packages from an Internal Server</a>.</p> <ul style="list-style-type: none"> <li>• Copy upgrade packages from another device.</li> </ul> <p>If you can get the upgrade package to at least one standalone device, you can then use the threat defense CLI to copy upgrade packages ("peer to peer sync") to the other standalone devices managed by the same standalone management center. See <a href="#">Copy Threat Defense Upgrade Packages between Devices</a>.</p> |

# Unresponsive and Failed Threat Defense Upgrades

Table 3:

| Issue                                       | Solution   |
|---|--|
| Cannot reach the device.                    | <p>Devices can stop passing traffic during the upgrade or if the upgrade fails. Before you upgrade, make sure traffic from your location does not have to traverse the device itself to access the device's management interface.</p> <p>You should also be able to access the management center's management interface without traversing the device.</p>   |
| Device appears inactive or is unresponsive. | <p>You can manually cancel in-progress major and maintenance upgrades. If the device is unresponsive, or if you cannot cancel the upgrade, contact Cisco TAC. Do not manually reboot or shut down. You could place the system in an unusable state and require a reimage.</p>  |
| Upgrade failed.                             | <p>When you initiate a major or maintenance upgrade, you use the <b>Automatically cancel on upgrade failure...</b> (auto-cancel) option to choose what happens if upgrade fails, as follows:</p> <ul style="list-style-type: none"> <li>• Auto-cancel enabled (default): If upgrade fails, the upgrade cancels and the device automatically reverts to its pre-upgrade state. Correct any issues and try again later.</li> <li>• Auto-cancel disabled: If upgrade fails, the device remains as it is. Correct the issues and retry immediately, or manually cancel the upgrade and try again later.</li> </ul> <p>For high availability and clustered devices, auto-cancel applies to each device individually. That is, if the upgrade fails on one device, only that device is reverted.</p> <p>If you cannot retry or cancel, or if you continue to have issues, contact Cisco TAC.</p> |
| I want to retry or cancel a failed upgrade. | <p>Use the Upgrade Status pop-up, accessible from the Upgrade tab on the Device Management page.</p>   |
| I want to cancel an in-progress upgrade.    | <p>Use the Upgrade Status pop-up, accessible from the Upgrade tab on the Device Management page.</p>   |

## Traffic Flow and Inspection

Schedule maintenance windows when upgrade will have the least impact, considering any effect on traffic flow and inspection.

# Traffic Flow and Inspection for Threat Defense Upgrades

## Software Upgrades for Standalone Devices

Devices operate in maintenance mode while they upgrade. Entering maintenance mode at the beginning of the upgrade causes a 2-3 second interruption in traffic inspection. Interface configurations determine how a standalone device handles traffic both then and during the upgrade.

**Table 4: Traffic Flow and Inspection: Software Upgrades for Standalone Devices**

| Interface Configuration |   | Traffic Behavior   |
|-------------------------|---|--|
| Firewall interfaces     | Routed or switched including EtherChannel, redundant, subinterfaces.          | Dropped.<br><br>For bridge group interfaces on the ISA 3000 only, you can use a FlexConfig policy to configure hardware bypass for power failure. This causes traffic to drop during software upgrades but pass without inspection while the device completes its post-upgrade reboot. |
|                         | Switched interfaces are also known as bridge group or transparent interfaces. |  |
| IPS-only interfaces     | Inline set, hardware bypass force-enabled:<br><b>Bypass: Force</b>            | Passed without inspection until you either disable hardware bypass, or set it back to standby mode.  |
|                         | Inline set, hardware bypass standby mode:<br><b>Bypass: Standby</b>           | Dropped during the upgrade, while the device is in maintenance mode. Then, passed without inspection while the device completes its post-upgrade reboot.   |
|                         | Inline set, hardware bypass disabled:<br><b>Bypass: Disabled</b>              | Dropped.   |
|                         | Inline set, no hardware bypass module.  | Dropped.   |
|                         | Inline set, tap mode.   | Egress packet immediately, copy not inspected.   |
|                         | Passive, ERSPAN passive.  | Uninterrupted, not inspected.  |

## Software Upgrades for High Availability and Clustered Devices

You should not experience interruptions in traffic flow or inspection while upgrading high availability or clustered devices. For high availability pairs, the standby device upgrades first. The devices switch roles, then the new standby upgrades.

For clusters, the data security module or modules upgrade first, then the control module. During the control security module upgrade, although traffic inspection and handling continues normally, the system stops logging events. Events for traffic processed during the logging downtime appear with out-of-sync timestamps after the upgrade is completed. However, if the logging downtime is significant, the system may prune the oldest events before they can be logged.

Note that hitless upgrades are not supported for single-unit clusters. Interruptions to traffic flow and inspection depend on interface configurations of the active unit, just as with standalone devices.

**Software Revert (Major/Maintenance Releases)**

You should expect interruptions to traffic flow and inspection during revert, even in a high availability/scalability deployment. This is because revert is more successful when all units are reverted simultaneously. Simultaneous revert means that interruptions to traffic flow and inspection depend on interface configurations only, as if every device were standalone.

**Software Uninstall (Patches)**

For standalone devices, interruptions to traffic flow and inspection during patch uninstall are the same as for upgrade. In high availability/scalability deployments, you must explicitly plan an uninstall order that minimizes disruption. This is because you uninstall patches from devices individually, even those that you upgraded as a unit.

## Traffic Flow and Inspection for Chassis Upgrades

Upgrading FXOS reboots the chassis. For FXOS upgrades to Version 2.14.1+ that include firmware upgrades, the device reboots twice—once for FXOS and once for the firmware.

Even in high availability or clustered deployments, you upgrade FXOS on each chassis independently. To minimize disruption, upgrade one chassis at a time. For more information, see [Upgrade Path for High Availability or Clustered Threat Defense with Chassis Upgrade](#).

*Table 5: Traffic Flow and Inspection: FXOS Upgrades*

| Threat Defense Deployment                   | Traffic Behavior                             | Method  |
|---|--|---|
| Standalone                                  | Dropped.                                     | —   |
| High availability                           | Unaffected.                                  | <b>Best Practice:</b> Update FXOS on the standby, switch active peers, upgrade the new standby. |
|   | Dropped until one peer is online.            | Upgrade FXOS on the active peer before the standby is finished upgrading.                       |
| Inter-chassis cluster                       | Unaffected.                                  | <b>Best Practice:</b> Upgrade one chassis at a time so at least one module is always online.    |
|   | Dropped until at least one module is online. | Upgrade chassis at the same time, so all modules are down at some point.                        |
| Intra-chassis cluster (Firepower 9300 only) | Passed without inspection.                   | Hardware bypass enabled: <b>Bypass Standby</b> or <b>Bypass-Force</b> .                         |
|   | Dropped until at least one module is online. | Hardware bypass disabled: <b>Bypass Disabled</b> .  |
|   | Dropped until at least one module is online. | No hardware bypass module.  |

## Traffic Flow and Inspection when Deploying Configurations

Snort typically restarts during the first deployment immediately after upgrade. This means that for management center upgrades, Snort could restart on all managed devices. Snort does not restart after subsequent deployments unless, before deploying, you modify specific policy or device configurations.

Restarting the Snort process briefly interrupts traffic flow and inspection on all devices, including those configured for high availability/scalability. Interface configurations determine whether traffic drops or passes without inspection during the interruption. When you deploy without restarting Snort, resource demands may result in a small number of packets dropping without inspection.

**Table 6: Traffic Flow and Inspection: Deploying Configuration Changes**

| Interface Configuration |   | Traffic Behavior  |
|-------------------------|---|---|
| Firewall interfaces     | Routed or switched including EtherChannel, redundant, subinterfaces.<br><br>Switched interfaces are also known as bridge group or transparent interfaces. | Dropped.  |
| IPS-only interfaces     | Inline set, <b>Failsafe</b> enabled or disabled.  | Passed without inspection.<br><br>A few packets might drop if <b>Failsafe</b> is disabled and Snort is busy but not down. |
|                         | Inline set, <b>Snort Fail Open: Down:</b> disabled.   | Dropped.  |
|                         | Inline set, <b>Snort Fail Open: Down:</b> enabled.  | Passed without inspection.  |
|                         | Inline set, tap mode.   | Egress packet immediately, copy not inspected.  |
|                         | Passive, ERSPAN passive.  | Uninterrupted, not inspected.   |

## Time and Disk Space

### Time to Upgrade

We recommend you track and record your own upgrade times so you can use them as future benchmarks. The following table lists some things that can affect upgrade time.



**Caution** Do not make or deploy configuration changes during upgrade. Even if the system appears inactive, do not manually reboot or shut down. In most cases, do not restart an upgrade in progress. You could place the system in an unusable state and require a reimage. If you encounter issues with the upgrade, including a failed upgrade or unresponsive appliance, see [Unresponsive and Failed Threat Defense Upgrades, on page 3](#).

**Table 7: Upgrade Time Considerations**

| Consideration                    | Details   |
|----------------------------------|---|
| Versions                         | Upgrade time usually increases if your upgrade skips versions.  |
| Models                           | Upgrade time usually increases with lower-end models.   |
| Virtual appliances               | Upgrade time in virtual deployments is highly hardware dependent.   |
| High availability and clustering | In a high availability or clustered configuration, devices upgrade one at a time to preserve continuity of operations, with each device operating in maintenance mode while it upgrades. Upgrading a device pair or entire cluster, therefore, takes longer than upgrading a standalone device. |
| Configurations                   | Upgrade time can increase with the complexity of your configurations.   |
| Components                       | You may need additional time to perform operating system or virtual hosting upgrades, upgrade package transfers, readiness checks, VDB and intrusion rule (SRU/LSP) updates, configuration deployment, and other related tasks.   |

**Disk Space to Upgrade**

You must have enough space on the management center (in either /Volume or /var) for device upgrade packages. Or, you can use an internal server to store them. After you copy upgrade packages to the devices, readiness checks should indicate whether you have enough disk space to perform the upgrade. Without enough free disk space, the upgrade fails.

**Table 8: Checking Disk Space**

| Platform          | Command   |
|-------------------|---|
| Management center | Choose <b>System</b> (⚙) > <b>Monitoring</b> > <b>Statistics</b> and select the management center.<br><br>Under Disk Usage, expand the By Partition details.        |
| Threat defense    | Choose <b>System</b> (⚙) > <b>Monitoring</b> > <b>Statistics</b> and select the device you want to check.<br><br>Under Disk Usage, expand the By Partition details. |

# Upgrade Feature History

Table 9: 20240203

| Feature  | Min. Threat Defense       | Description  |
|--|---------------------------|--|
| Improved upgrade starting page and package management.               | Any                       | <p>A new upgrade page makes it easier to choose, download, manage, and apply upgrades to your entire deployment. The page lists all upgrade packages that apply to your current deployment, with suggested releases specially marked. You can easily choose and direct-download packages from Cisco, as well as manually upload and delete packages.</p> <p>Patches are not listed unless you have at least one appliance at the appropriate maintenance release (or you manually uploaded the patch). You must manually upload hotfixes.</p> <p>New/modified screens:</p> <ul style="list-style-type: none"> <li>• <b>System</b> (⚙️) &gt; <b>Product Upgrades</b> is now where you upgrade devices, as well as manage upgrade packages.</li> <li>• <b>System</b> (⚙️) &gt; <b>Content Updates</b> is now where you update intrusion rules, the VDB, and the GeoDB.</li> <li>• <b>Devices</b> &gt; <b>Threat Defense Upgrade</b> takes you directly to the threat defense upgrade wizard.</li> </ul> <p>Deprecated screens/options:</p> <ul style="list-style-type: none"> <li>• <b>System</b> (⚙️) &gt; <b>Updates</b> is deprecated. All threat defense upgrades now use the wizard.</li> <li>• The <b>Add Upgrade Package</b> button on the threat defense upgrade wizard has been replaced by a <b>Manage Upgrade Packages</b> link to the new upgrade page.</li> </ul> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Cloud-Delivered Firewall Management Center</a></p> |
| Enable revert from the threat defense upgrade wizard.                | Any, if upgrading to 7.1+ | <p>You can now enable revert from the threat defense upgrade wizard.</p> <p>Other version restrictions: You must be upgrading threat defense to Version 7.2+.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Cloud-Delivered Firewall Management Center</a></p>  |
| View detailed upgrade status from the threat defense upgrade wizard. | Any                       | <p>The final page of the threat defense upgrade wizard now allows you to monitor upgrade progress. This is in addition to the existing monitoring capability on the Upgrade tab on the Device Management page, and on the Message Center. Note that as long as you have not started a new upgrade flow, <b>Devices</b> &gt; <b>Threat Defense Upgrade</b> brings you back to this final wizard page, where you can view the detailed status for the current (or most recently complete) device upgrade.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Cloud-Delivered Firewall Management Center</a></p>  |

| Feature  | Min. Threat Defense | Description  |
|--|---------------------|--|
| Suggested release notifications.   | Any                 | The management center now notifies you when a new suggested release is available. If you don't want to upgrade right now, you can have the system remind you later, or defer reminders until the next suggested release. The new upgrade page also indicates suggested releases.<br><br>See: <a href="#">Cisco Secure Firewall Management Center New Features by Release</a>   |
| Firmware upgrades included in FXOS upgrades.                                   | Any                 | <b>Chassis/FXOS upgrade impact. Firmware upgrades cause an extra reboot.</b><br><br>For the Firepower 4100/9300, FXOS upgrades to Version 2.14.1 now include firmware upgrades. If any firmware component on the device is older than the one included in the FXOS bundle, the FXOS upgrade also updates the firmware. If the firmware is upgraded, the device reboots twice—once for FXOS and once for the firmware.<br><br>Just as with software and operating system upgrades, do not make or deploy configuration changes during firmware upgrade. Even if the system appears inactive, do not manually reboot or shut down during firmware upgrade.<br><br>See: <a href="#">Cisco Firepower 4100/9300 FXOS Firmware Upgrade Guide</a> |
| Updated internet access requirements for direct-downloading software upgrades. | Any                 | The management center has changed its direct-download location for software upgrade packages from sourcefire.com to amazonaws.com.<br><br>See: <a href="#">Internet Access Requirements</a>  |
| Scheduled tasks download patches and VDB updates only.                         | Any                 | The <b>Download Latest Update</b> scheduled task no longer downloads maintenance releases; now it only downloads the latest applicable patches and VDB updates. To direct-download maintenance (and major) releases to the management center, use <b>System (⚙️) &gt; Product Upgrades</b> .<br><br>See: <a href="#">Software Update Automation</a>  |

Table 10: December 13, 2022

| Feature  | Min. Threat Defense | Description   |
|--|---------------------|---|
| Choose and direct-download upgrade packages to the management center from Cisco. | Any                 | You can now choose which threat defense upgrade packages you want to direct download to the management center. Use the new <b>Download Updates</b> sub-tab on <b>&gt; Updates &gt; Product Updates</b> .<br><br>Other version restrictions: this feature is replaced by an improved package management system in Version 20240203.<br><br>See: <a href="#">Download Upgrade Packages with the Management Center</a> |
| Upload upgrade packages to the management center from the threat defense wizard. | Any                 | You now use the wizard to upload threat defense upgrade packages or specify their location. Previously you used <b>System (⚙️) &gt; Updates</b> .<br><br>Minimum management center: 7.3.0<br><br>See: <a href="#">Upgrade Threat Defense</a>  |

| Feature  | Min. Threat Defense | Description   |
|--|---------------------|---|
| Select devices to upgrade from the threat defense upgrade wizard.                      | Any                 | <p>Use the wizard to select devices to upgrade.</p> <p>You can now use the threat defense upgrade wizard to select or refine the devices to upgrade. On the wizard, you can toggle the view between selected devices, remaining upgrade candidates, ineligible devices (with reasons why), devices that need the upgrade package, and so on. Previously, you could only use the Device Management page and the process was much less flexible.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Management Center</a></p>   |
| Unattended threat defense upgrades.  | Any                 | <p>The threat defense upgrade wizard now supports unattended upgrades, using a new <b>Unattended Mode</b> menu. You just need to select the target version and the devices you want to upgrade, specify a few upgrade options, and step away. You can even log out or close the browser.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Cloud-Delivered Firewall Management Center</a></p>  |
| Simultaneous threat defense upgrade workflows by different users.                      | Any                 | <p>We now allow simultaneous upgrade workflows by different users, as long as you are upgrading different devices. The system prevents you from upgrading devices already in someone else's workflow. Previously, only one upgrade workflow was allowed at a time across all users.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Management Center</a></p>  |
| Skip pre-upgrade troubleshoot generation for threat defense devices.                   | Any                 | <p>You can now skip the automatic generating of troubleshooting files before major and maintenance upgrades by disabling the new <b>Generate troubleshooting files before upgrade begins</b> option. This saves time and disk space.</p> <p>To manually generate troubleshooting files for a threat defense device, choose <b>System</b> (⚙️) &gt; <b>Health</b> &gt; <b>Monitor</b>, click the device in the left panel, then <b>View System &amp; Troubleshoot Details</b>, then <b>Generate Troubleshooting Files</b>.</p> <p>See: <a href="#">Cisco Secure Firewall Threat Defense Upgrade Guide for Management Center</a></p>  |
| Auto-upgrade to Snort 3 after successful threat defense upgrade is no longer optional. | Any                 | <p><b>Upgrade impact.</b></p> <p>When you upgrade threat defense to Version 7.3+, you can no longer disable the <b>Upgrade Snort 2 to Snort 3</b> option.</p> <p>After the software upgrade, all eligible devices will upgrade from Snort 2 to Snort 3 when you deploy configurations. Although you can switch individual devices back, Snort 2 will be deprecated in a future release and we strongly recommend you stop using it now.</p> <p>For devices that are ineligible for auto-upgrade because they use custom intrusion or network analysis policies, we strongly recommend you manually upgrade to Snort 3 for improved detection and performance. For migration assistance, see the <a href="#">Cisco Secure Firewall Management Center Snort 3 Configuration Guide</a> for your version.</p> |

| Feature   | Min. Threat Defense | Description   |
|---|---------------------|---|
| <p>Combined upgrade and install package for Secure Firewall 3100.</p> | <p>7.3.0</p>        | <p><b>Reimage Impact.</b></p> <p>In Version 7.3, we combined the threat defense install and upgrade package for the Secure Firewall 3100, as follows:</p> <ul style="list-style-type: none"> <li>• Version 7.1–7.2 install package: <code>cisco-ftd-fp3k.version.SPA</code></li> <li>• Version 7.1–7.2 upgrade package:<br/><code>Cisco_FTD_SSP_FP3K_Upgrade-version-build.sh.REL.tar</code></li> <li>• Version 7.3+ combined package:<br/><code>Cisco_FTD_SSP_FP3K_Upgrade-version-build.sh.REL.tar</code></li> </ul> <p>Although you can upgrade threat defense without issue, you cannot reimage from older threat defense and ASA versions directly to threat defense Version 7.3+. This is due to a ROMMON update required by the new image type. To reimage from those older versions, you must "go through" ASA 9.19+, which is supported with the old ROMMON but also updates to the new ROMMON. There is no separate ROMMON updater.</p> <p>To get to threat defense Version 7.3+, your options are:</p> <ul style="list-style-type: none"> <li>• Upgrade from threat defense Version 7.1 or 7.2 — use the normal upgrade process. See the appropriate <a href="#">Upgrade Guide</a>.</li> <li>• Reimage from threat defense Version 7.1 or 7.2 — reimage to ASA 9.19+ first, then reimage to threat defense Version 7.3+. See <i>Threat Defense→ASA: Firepower 1000, 2100; Secure Firewall 3100</i> and then <i>ASA→Threat Defense: Firepower 1000, 2100 Appliance Mode; Secure Firewall 3100</i> in the <a href="#">Cisco Secure Firewall ASA and Secure Firewall Threat Defense Reimage Guide</a>.</li> <li>• Reimage from ASA 9.17 or 9.18 — upgrade to ASA 9.19+ first, then reimage to threat defense Version 7.3+. See the <a href="#">Cisco Secure Firewall ASA Upgrade Guide</a> and then <i>ASA→Threat Defense: Firepower 1000, 2100 Appliance Mode; Secure Firewall 3100</i> in the <a href="#">Cisco Secure Firewall ASA and Secure Firewall Threat Defense Reimage Guide</a>.</li> <li>• Reimage from threat defense Version 7.3+ — use the normal reimage process. See <i>Reimage the System with a New Software Version</i> in the <a href="#">Cisco FXOS Troubleshooting Guide for the Firepower 1000/2100 and Secure Firewall 3100/4200 with Firepower Threat Defense</a>.</li> </ul> |

**Content Updates**

| Feature                  | Min. Threat Defense | Description  |
|--------------------------|---------------------|--|
| Automatic VDB downloads. | Any                 | <p>The initial setup on the management center schedules a weekly task to download the latest available software updates, which now includes the latest vulnerability database (VDB). We recommend you review this weekly task and adjust if necessary. Optionally, schedule a new weekly task to actually update the VDB and deploy configurations.</p> <p>New/modified screens: The <b>Vulnerability Database</b> check box is now enabled by default in the system-created <b>Weekly Software Download</b> scheduled task.</p>   |
| Install any VDB.         | Any                 | <p>Starting with VDB 357, you can now install any VDB as far back as the baseline VDB for that management center.</p> <p>After you update the VDB, deploy configuration changes. If you based configurations on vulnerabilities, application detectors, or fingerprints that are no longer available, examine those configurations to make sure you are handling traffic as expected. Also, keep in mind a scheduled task to update the VDB can undo a rollback. To avoid this, change the scheduled task or delete any newer VDB packages.</p> <p>New/modified screens: On <b>System</b> (⚙️) &gt; <b>Updates</b> &gt; <b>Product Updates</b> &gt; <b>Available Updates</b>, if you upload an older VDB, a new <b>Rollback</b> icon appears instead of the <b>Install</b> icon.</p> |