



# Cisco Nexus Cloud Services Platform Release Notes, Release 5.2(1)SP1(7.3b)

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This document describes the features and bugs for the Cisco Nexus Cloud Services Platform Release 5.2(1)SP1(7.3b).

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## New Changes

Release 5.2(1)SP1(7.3b) fixes the problem where VSM keeps on restarting when one of the Cisco Nexus 1110 in an HA pair is powered down.



# Installing the Cisco Nexus Cloud Services Platform Release 5.2(1)SP1(7.3b)

The procedure to install Release 5.2(1)SP(7.3b) is the same as 5.2(1)SP1(7.1).

For installation instructions, see the [Cisco Nexus Cloud Services Platform Software Installation and Upgrade Guide, Release 5.2\(1\)SP1\(7.1\)](#).

## Upgrading to the Cisco Nexus Cloud Services Platform Release 5.2(1)SP1(7.3b)

### Upgrading from Release 5.2(1)SP1(7.3), 5.2(1)SP1(7.2), or 4.2(1)SP1(6.2)

The procedure to upgrade from Release 5.2(1)SP1(7.3), 5.2(1)SP1(7.2), or 4.2(1)SP1(6.2) is the same as described in [Cisco Nexus Cloud Services Platform Software Installation and Upgrade Guide, Release 5.2\(1\)SP1\(7.1\)](#).

### Upgrading from Release 5.2(1)SP1(7.1)

To upgrade from Release 5.2(1)SP1(7.1), a manual upgrade procedure is required. Complete the following steps.

#### Prerequisites

- 
- Step 1** Copy the new image to the `bootflash:repository/` directory.
  - Step 2** Note the name of the image to use during the upgrade.
  - Step 3** Use the **show system redundancy status** command to note the redundancy role of the active module on which the upgrade is being performed. The role should be *primary* or *secondary*.
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#### Manual Upgrade

To perform the manual upgrade:

- 
- Step 1** Enter the following command to update to the new image:

```
update nexus1010 bootflash:repository/image.iso
```



**Note** The command and the image name do not auto complete and must be typed in completely.

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```
switch# update nexus1010 bootflash:repository/nexus-1010.5.2.1.SP1.7.3.iso
cppa_mgr debug: Using URI: bootflash:/repository/nexus-1010.5.2.1.SP1.7.3.iso
Installing bootflash:/nexus-1010.5.2.1.SP1.7.3.iso
```

```
.....
Installation complete.
Save configuration and restart for changes to take effect
```

**Step 2** Copy the running configuration to the startup configuration:

```
switch# copy running-config startup-config
[#####] 100%
Copy complete, now saving to disk (please wait)...
switch#
```




---

**Note** It takes up to 10 seconds to copy the running configuration to the startup configuration. Therefore, you must wait for 10 seconds before proceeding to Step 3.

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**Step 3** Enter the **reload module** *module* command to reload the standby supervisor module and allow it to come back online:

```
switch# reload module ?
<1-2> Please enter the module number
```

- If the primary module is the active module:

```
switch# reload module 2
This command will reboot standby supervisor module. (y/n)? [n] y
about to reset standby sup
2014 Oct 2 09:15:23 switch %PLATFORM-2-PFM_MODULE_RESET: Manual restart of Module 2
from Command Line Interface
2014 Oct 2 09:15:46 switch %PLATFORM-2-MOD_REMOVE: Module 2 removed (Serial number
T023D7CC381)
2014 Oct 2 09:22:50 switch %PLATFORM-2-MOD_DETECT: Module 2 detected (Serial number
:unavailable) Module-Type Cisco Virtual Services Appliance Model :unavailable
```

- If the secondary module is the active module:

```
switch# reload module 1
This command will reboot standby supervisor module. (y/n)? [n] y
about to reset standby sup
switch# 2014 Oct 2 09:15:23 switch %PLATFORM-2-PFM_MODULE_RESET: Manual restart of
Module 1 from Command Line Interface
2014 Oct 2 09:15:46 switch %PLATFORM-2-MOD_REMOVE: Module 1 removed (Serial number
T023D7CC382)
```

**Step 4** When the standby supervisor module is back online, verify the high availability (HA) synchronization is complete with the active module:

```
switch# show system redundancy status
Redundancy role
-----
administrative: primary
operational: primary
Redundancy mode
-----
administrative: HA
operational: HA
This supervisor (sup-1)
-----
Redundancy state: Active
Supervisor state: Active
Internal state: Active with HA standby
Other supervisor (sup-2)
-----
Redundancy state: Standby
```

```
Supervisor state: HA standby
Internal state: HA standby
```

**Step 5** After the HA synchronization is complete, switch over to the other module:

```
switch# system switchover
switch#
Broadcast message from root (console) (Thu Oct 2 09:28:33 2014):
The system is going down for reboot NOW!
```

**Step 6** On the new active supervisor module, wait for the other supervisor module to come back online:

```
2014 Oct 2 09:28:33 switch %SYSMGR-2-HASWITCHOVER_PRE_START: This supervisor is becoming
active (pre-start phase).
2014 Oct 2 09:28:33 switch %SYSMGR-2-HASWITCHOVER_START: Supervisor 2 is becoming active.
2014 Oct 2 09:28:33 switch Oct 2 09:28:33 %KERN-1-SYSTEM_MSG: Failed to send MTS message.
error:-1 - kernel
2014 Oct 2 09:28:34 switch %SYSMGR-2-SWITCHOVER_OVER: Switchover completed.
2014 Oct 2 09:28:58 switch %PLATFORM-2-MOD_REMOVE: Module 1 removed (Serial number )
switch# 2014 Oct 2 09:36:09 switch %PLATFORM-2-MOD_DETECT: Module 1 detected (Serial
number :unavailable) Module-Type Cisco Virtual Services Appliance Model :unavailable
```

**Step 7** Verify that the module is online. When HA is complete, verify that the upgrade procedure is complete:

```
switch# show system redundancy status
Redundancy role
-----
administrative: secondary
operational: secondary
Redundancy mode
-----
administrative: HA
operational: HA
This supervisor (sup-2)
-----
Redundancy state: Active
Supervisor state: Active
Internal state: Active with HA standby
Other supervisor (sup-1)
-----
Redundancy state: Standby
Supervisor state: HA standby
Internal state: HA standby
```

## Open Bugs

The following are descriptions of the open bugs in Release 5.2(1)SP1(7.3b). The IDs are linked to the Cisco Bug Search tool.

Bug ID	Headline
<a href="#">CSCuj77643</a>	Deploying or removing the Citrix NetScaler 1000V restarts the Cisco Nexus 1000V VSM and the Cisco Virtual Security Gateway VSBs of all 4.2(x) releases.
<a href="#">CSCuo98930</a>	A configuration change does not automatically get copied to the startup configuration for the following commands: <ul style="list-style-type: none"> <li>(config-if)# <b>channel-group</b></li> <li>(config-svs-domain)# <b>control uplink uplink int</b></li> <li>(config-svs-domain)# <b>management uplink uplink int</b></li> </ul>
<a href="#">CSCur20537</a>	The <b>install nexus1010</b> command returns an “Image not supported” message.

## Resolved Bugs

The following are descriptions of the resolved bugs in Release 5.2(1)SP1(7.3b). The IDs are linked to the Cisco Bug Search tool.

Bug ID	Headline
<a href="#">CSCux51095</a>	VSM keeps on restarting when one of the Cisco Nexus 1110 in an HA pair is powered down.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.

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