



Upgrading the Ultra Services Platform Deployment

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Upgrading/Redeploying USP for Hyper-Converged Ultra M Models

The specific process to upgrade or redeploy your Ultra M deployment depends on the USP version you're upgrading from. Information and guidelines for the different upgrade scenarios are provided in the following sections:

- [Upgrading from 5.1.x to This Release](#), on page 1
- [Upgrading from 5.5.x to This Release](#), on page 1
- [Upgrading from 5.7.x to This Release](#), on page 2
- [Upgrading from 5.8.x to This Release](#), on page 3
- [Upgrading from 6.0.x OR 6.1.x to This Release](#), on page 3



Important

If you're upgrading to 6.2 or later releases, follow the upgrade instructions in the [Patch Upgrade Procedure](#) appendix of this guide.

Upgrading from 5.1.x to This Release

There are customer-specific considerations for this upgrade scenario. Please contact your local Sales or Support representative for details.

Upgrading from 5.5.x to This Release

Use the information and guidelines below to upgrade from a 5.5.x release to this release.

- Deactivate your current deployment using the information and instructions in: https://www.cisco.com/c/dam/en/us/td/docs/wireless/asr_5000/21-3_N5-5/USP_DAG/N5-5-USP-Deploy-Automation-Guide.pdf
 - Deactivate the VNF. Refer to the section on *Deactivating the USP Deployment* for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Deactivate the VIM and VIM Orchestrator. Refer to the section on *Deactivating the USP Deployment* for details.
- Terminate the AutoDeploy VM. Refer to the section on *Terminating the AutoDeploy VM* for details.
- Terminate the AutoIT-VNF VM. Refer to the section on *Terminating the AutoIT-VNF VM* for details.
- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading from 5.7.x to This Release

Use the information and guidelines below to upgrade from a 5.7.x release to this release.

- Deactivate your current deployment using the information and instructions in: https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide.html
 - Deactivate the VNF. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_chapter_010010.html#reference_bpn_hyv_kbb for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Deactivate the VIM and VIM Orchestrator. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_chapter_010010.html#reference_bpn_hyv_kbb for details.
- Terminate the AutoDeploy VM. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_chapter_010010.html#reference_acl_5yv_kbb for details.
- Terminate the AutoIT-VNF VM. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_chapter_010010.html#reference_jsk_xyv_kbb for details.
- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading from 5.8.x to This Release

Use the information and guidelines below to upgrade from a 5.8.x release to this release.

- Deactivate your current deployment using the information and instructions in: https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide.html
- Deactivate the VNF. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_chapter_0111.html#reference_bpn_hyv_kbb for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Deactivate the VIM and VIM Orchestrator. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_chapter_0111.html#reference_bpn_hyv_kbb for details.
- Terminate the AutoDeploy VM. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_chapter_0111.html#reference_ac1_5yv_kbb for details.
- Terminate the AutoIT-VNF VM. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_chapter_0111.html#reference_jsk_xyv_kbb for details.
- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading from 6.0.x OR 6.1.x to This Release

Use the information and guidelines below to upgrade from a 6.0.x or 6.1.x release to this release.

- Deactivate your current deployment using the information and instructions in: [Deactivating the USP Deployment](#)
- Deactivate the VNF. Refer to [Deactivating the USP Deployment](#) for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Deactivate the VIM and VIM Orchestrator. Refer to [Deactivating the USP Deployment](#) for details.
- Terminate the AutoDeploy VM. Refer to [Terminating the AutoDeploy VM](#) for details.
- Terminate the AutoIT VM. Refer to [Terminating the AutoIT VM](#) for details.
- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading/Redeploying VNFs Deployed Through a Stand-alone AutoVNF Instance

The specific process to upgrade or redeploy your stand-alone AutoVNF deployment depends on the USP version you're upgrading from. Information and guidelines for the different upgrade scenarios are provided in the following sections:

- [Upgrading from 5.7.x to This Release, on page 4](#)
- [Upgrading from 5.8.x to This Release, on page 4](#)
- [Upgrading from 6.0.x OR 6.1.x to This Release, on page 5](#)



Important

If you're upgrading to 6.2 or later releases, follow the upgrade instructions in the [Patch Upgrade Procedure](#) appendix of this guide.

Upgrading from 5.7.x to This Release

Use the information and guidelines below to upgrade from a 5.7.x release to this release.

- Deactivate your current deployment using the information and instructions in: https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide.html
- Deactivate the VNF. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_chapter_010010.html#reference_bpn_hyv_kbb for details.



Caution

Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Terminate the AutoVNF VMs by executing the following command on the primary AutoVNF VM:

```
./boot_autovnf.py --delete
```

Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-4_N5-7/USP_DAG/N5-7_USP_Deploy_Automation_Guide/N5-5_USP_Deploy_Automation_Guide_appendix_011001.html for details.

- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading from 5.8.x to This Release

Use the information and guidelines below to upgrade from a 5.8.x release to this release.

- Deactivate your current deployment using the information and instructions in: https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide.html

- Deactivate the VNF. Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_chapter_0111.html#reference_bpn_hyv_kbb for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Terminate the AutoVNF VMs by executing the following command on the primary AutoVNF VM:

```
./boot_autovnf.py --delete
```

Refer to https://www.cisco.com/c/en/us/td/docs/wireless/asr_5000/21-5_N5-8/USP_DAG/N5-8_USP_Deploy_Automation_Guide/N5-8_USP_Deploy_Automation_Guide_appendix_010100.html for details.

- Deploy this release using the information and instructions in this document. Refer to [Deploying Hyper-Converged Ultra M Models Using UAS](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

Upgrading from 6.0.x OR 6.1.x to This Release

Use the information and guidelines below to upgrade from a 6.0.x or 6.1.x release to this release.

- Deactivate your current deployment using the information and instructions in: [Deactivating the USP Deployment](#)
 - Deactivate the VNF. Refer to [Deactivating the USP Deployment](#) for details.



Caution Ensure that you perform the steps recommended in the Caution statement at the beginning of this section prior to performing the deactivation.

- Terminate the AutoVNF VMs by executing the following command on the primary AutoVNF VM:

```
./boot_uas.py --autovnf --openstack --delete
```

Refer to [boot_uas.py Help](#) for details.

- Deploy this release using the information and instructions in this document. Refer to [Deploying VNFs Using AutoVNF](#) and follow the instructions for deploying both the VIM and the VNF for Hyper-Converged Ultra M Models.

