Cisco Intersight Managed Mode Transition Tool

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Cisco Intersight Managed Mode Transition Tool

Cisco Intersight Managed Mode (IMM) Transition Tool helps bootstrap new IMM deployments by replicating the configuration attributes of existing Cisco UCS Manager (UCSM) and Cisco UCS Central infrastructure and by converting the existing Service Profiles and Templates to IMM Server Profiles and Templates to accelerate deployment of new servers and to migrate existing servers to Intersight Managed Mode.

The IMM Transition Tool can also be used to clone configuration between Intersight accounts, including SaaS, Connected Virtual Appliance, and Private Virtual Appliance

Starting with release 4.0.1, the IMM Transition Tool can also be used as a software repository image management tool to install OS or upgrade firmware on the severs. For more information on firmware version equivalency between Cisco Intersight, Cisco IMC, and Cisco UCS Manager, see Cisco UCS Equivalency Matrix for Cisco Intersight, Cisco IMC, and Cisco UCS Manager.

Starting with release 5.0.1, you can perform an automated in-place migration of UCS Manager Devices to Intersight Managed Mode using the IMM Transition Tool.

The following table provides the compatibility matrix for the IMM Transition Tool with Intersight Appliance versions.

IMM Transition Tool Version	Minimum Intersight Appliance Version
5.1.5	1.1.7-0
5.1.4	1.1.6-0
5.1.3	1.1.5-0
5.1.2	1.1.4-0
5.1.1	1.1.3-0
5.0.3	1.1.2-0
5.0.2	1.1.1-0
5.0.1	1.1.1-0
4.2.2	1.1.0-1
4.2.1	1.1.0-0
4.1.3	1.0.9-675
4.1.2	1.0.9-655
4.1.1	1.0.9-631
4.0.2	1.0.9-615
4.0.1	1.0.9-589
3.1.1	1.0.9-558

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IMM Transition Tool Version	Minimum Intersight Appliance Version
3.0.2	1.0.9-503
3.0.1	1.0.9-456
2.0.1	1.0.9-402
1.0.2	1.0.9-343
1.0.1	1.0.9-343

Revision history

Release	Date	Description
5.1.5	September 08, 2026	Created release notes for IMM Transition Tool, Release 5.1.5
5.1.4	April 08, 2026	Created release notes for IMM Transition Tool, Release 5.1.4
5.1.3	January 09, 2026	Created release notes for IMM Transition Tool, Release 5.1.3
5.1.2	October 24, 2025	Created release notes for IMM Transition Tool, Release 5.1.2
5.1.1	July 22, 2025	Created release notes for IMM Transition Tool, Release 5.1.1
5.0.3	April 10, 2025	Created release notes for IMM Transition Tool, Release 5.0.3
5.0.2	January 30, 2025	Created release notes for IMM Transition Tool, Release 5.0.2
5.0.1	January 10, 2025	Created release notes for IMM Transition Tool, Release 5.0.1
4.2.2	September 02, 2024	Created release notes for IMM Transition Tool, Release 4.2.2
4.2.1	August 07, 2024	Created release notes for IMM Transition Tool, Release 4.2.1
4.1.3	May 22, 2024	Created release notes for IMM Transition Tool, Release 4.1.3
4.1.2	April 05, 2024	Created release notes for IMM Transition Tool, Release 4.1.2
4.1.1	January 19, 2024	Created release notes for IMM Transition Tool, Release 4.1.1
4.0.2	October 17, 2023	Created release notes for IMM Transition Tool, Release 4.0.2
4.0.1	September 04, 2023	Created release notes for IMM Transition Tool, Release 4.0.1
3.1.1	April 20, 2023	Created release notes for IMM Transition Tool, Release 3.1.1
3.0.2	January 20, 2023	Created release notes for IMM Transition Tool, Release 3.0.2
3.0.1	October 10, 2022	Created release notes for IMM Transition Tool, Release 3.0.1
2.0.1	May 31, 2022	Created release notes for IMM Transition Tool, Release 2.0.1
1.0.2	February 03, 2022	Created release notes for IMM Transition Tool, Release 1.0.2

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Release	Date	Description
1.0.1	December 08, 2021	Created release notes for IMM Transition Tool, Release 1.0.1

New features

New features in release 5.1.5

IMM Transition Tool, Release 5.1.5 includes bug fixes, enhancements, and the following list of new features.

- **Support for Cisco UCS 6652 Fabric Interconnects**
  IMM Transition Tool, Release 5.1.5 supports conversion for Cisco UCS 6652 Fabric Interconnects.
- **Support for importing Cisco UCS Manager tech-support bundles**
  With the IMM Transition Tool, Release 5.1.5, you can import a Cisco UCS Manager tech-support bundle to add a source device and load its configuration and inventory during conversion. This feature is supported in conversion transitions, except In-Place UCS Domain Migration.
- **Support for uploading custom configuration and inventory files without a live source device**
  With the IMM Transition Tool, Release 5.1.5, you can upload custom configuration and inventory files for conversion transitions (except In-Place UCS Domain Migration) and for Clone Intersight transitions.
- **Ability to generate a readiness report during cloning transitions**
  With the IMM Transition Tool, Release 5.1.5, you can generate and view a readiness report during a Clone Intersight transition as well.
- **Ability to automatically deploy converted or cloned server profiles**
  You can enable automatic deployment for converted or cloned server profiles when you preserve service profile or server profile associations.
- **Support for NetFlow policy in transitions**
  IMM Transition Tool Release 5.1.5 supports conversion of the NetFlow Monitoring from Cisco UCS Manager and cloning of the NetFlow Configuration policy from the source Intersight account.
- **Support for Cisco UCS Manager 6.0(2)**
  IMM Transition Tool, Release 5.1.5 supports Cisco UCS Manager 6.0(2) as a source device for supported transition workflows.
- **Miscellaneous support**
  The IMM Transition Tool, release 5.1.5, includes these enhancements:
  - Support for Priority Flow Control Watchdog settings in System QoS policy during conversion.
  - Support for manual key configuration in Drive Security policy during conversion.
  - Support for Disabling MAC Address Learning in the Ethernet Switch Mode setting in Switch Control policy.

New features in release 5.1.4

IMM Transition Tool, Release 5.1.4 includes bug fixes, enhancements, and the following list of new features.

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- **Support for Cisco UCS X410c M8 compute node**
  IMM Transition Tool, Release 5.1.4 supports the conversion for Cisco UCS X410c M8 compute node.
- **Support for Unified Edge policies, profiles, and templates in cloning transitions**
  With the IMM Transition Tool, Release 5.1.4, you can fetch and push the Unified Edge policies, profiles, and templates during cloning transitions.
- **Ability to clear the Asset Tags, User Labels, and Path Tags from an Intersight account during a clear Intersight configuration operation**
  With the IMM Transition Tool, Release 5.1.4, you can clear the Asset Tags, User Labels, and Path Tags associated with resources such as servers, chassis, Fabric Interconnects from an Intersight account during a clear Intersight configuration operation.
- **Support for Fabric Interconnect Audit Logs conversion from UCS Manager to an AuditD policy**
  With the IMM Transition Tool, Release 5.1.4, you can convert Fabric Interconnect Audit Logs from Cisco UCS Manager into an AuditD policy in IMM. You can also fetch and push the AuditD policy during cloning transitions.
- **Support for ID Range Access Control policy conversion from UCS Central to an ID Mapping policy**
  With the IMM Transition Tool, Release 5.1.4, you can convert an ID Range Access Control policy from Cisco UCS Central into an ID Mapping policy in IMM. You can also fetch and push the ID Mapping policy during cloning transitions.
- **Support for PCIe connectivity policy in cloning transitions**
  With the IMM Transition Tool, Release 5.1.4, you can fetch and push the PCIe Connectivity policy during cloning transitions.
- **Miscellaneous support**
  The IMM Transition Tool, release 5.1.4, includes these enhancements:
  - You can fetch and push path tags during cloning transitions.
  - You can fetch and push IPMI user account types in the Local User Policy during cloning transitions.
  - You can filter profiles based on type (Server, Chassis, Domain, Unified Edge) on the Select Server Profiles and Templates page in cloning transition.

New features in release 5.1.3

IMM Transition Tool, Release 5.1.3 includes bug fixes, enhancements, and the following list of new features.

- **Added an optional step to push equipment-specific configurations to Intersight after devices are claimed**
  With Release 5.1.3, the IMM Transition Tool has added an optional step to all transitions, except for the Generate Readiness Report transition. This step allows you to push equipment-specific configuration items (User Labels & Tags for chassis/servers, SPAN sessions) to Intersight after devices have been properly claimed and discovered in the destination Intersight account. You can skip this step if devices are not yet claimed.
- **Ability to automatically rename duplicate policies during a cloning transition**
  IMM Transition Tool, Release 5.1.3 provides ability to automatically rename duplicate policies from

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different source organizations when mapped to a single destination organization, preventing naming conflicts during a cloning transition.

- **Support for conversion of Host Firmware Package Policy from UCSM/UCS Central**
  With the IMM Transition Tool, Release 5.1.3, you can convert a Host Firmware Package policy from UCS Manager or UCS Central to a Firmware Policy in IMM.
- **Support for Selective TLS Protocol Control**
  The IMM Transition Tool, Release 5.1.3, supports a new TLS CTL script that allows you to selectively enable or disable specific TLS protocols (e.g., TLS 1.2 and 1.3) on Apache web servers.

New features in release 5.1.2

IMM Transition Tool, Release 5.1.2 includes bug fixes, enhancements, and the following list of new features.

- **Support for Cisco UCS 6664 Fabric Interconnects**
  The IMM Transition Tool, Release 5.1.2, supports the conversion of Cisco UCS 6664 Fabric Interconnects in the following transition types: In-Place migrations and cloning transitions.
- **Support for automated network configuration for VIC Adapters**
  Starting with Release 5.1.2, the IMM Transition Tool simplifies vNICs/vHBAs conversion by automatically configuring Use vCon placement info for vNIC/vHBA order and Use Host Port info for vNIC/vHBA order settings and generating vCon-to-PCI slot mappings based on the server's hardware inventory. This automation is managed through two new settings in the Transition Settings page: Automatic vCon mapping and Allow Template Unbind . You can still utilize existing manual settings if automatic mapping fails.
- **Support for conversion of multiple Ethernet Network Group Policies (ENGPs) from UCSM/UCS Central**
  IMM Transition Tool, Release 5.1.2 supports the conversion of multiple Ethernet Network Group Policies (ENGPs) from UCSM/UCS Central. It allows for the attachment of up to 8 ENGPs per vNIC in LAN Connectivity Policies/vNIC Templates and up to 50 ENGPs for uplink ports/port-channels in Port Policies, with optimization logic applied for VLAN group consolidation based on these limits and native VLAN configurations.
- **Support for conversion of User Labels on Fabric Interconnects physical interfaces**
  IMM Transition Tool, Release 5.1.2 supports the conversion of User Labels on Fabric Interconnects physical interfaces (ports and port channels) from UCSM to IMM and in cloning transitions as well.
- **Support for conversion of User Label & Asset Tag of FI, FEX, chassis, blade servers, and rack servers from UCSM to IMM**
  IMM Transition Tool, Release 5.1.2 supports the conversion of User Label & Asset Tag of FI, FEX, chassis, blade servers, and rack servers from UCSM to IMM and in cloning transitions.
- **Miscellaneous support**
  With IMM Transition Tool, Release 5.1.2, the following miscellaneous enhancements have been added:
  - Support for conversion of Forward Error Correction (FEC) attribute (RS Cons 16, RS 1eee, Off FEC options) from UCSM to IMM. It is supported in cloning transitions as well.
  - Support for the conversion of iSCSI Boot Policy with IPv6 configurations from UCSM to IMM.

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- Support for the conversion of new Fan Control Mode, Maximum Cooling , in the Thermal Policy from UCSM to IMM.

New features in release 5.1.1

IMM Transition Tool, Release 5.1.1 includes bug fixes, enhancements, and the following list of new features.

- **Support for Organization Mapping during Clone Intersight transition**
  The IMM Transition Tool, Release 5.1.1, now enables you to map organizations during a Clone Intersight transition from a source Intersight account to a destination Intersight account, allowing greater flexibility and supporting one-to-one or many-to-one organization mapping.
- **Support for Cisco UCS X210c M8, C220 M8, and C240 M8 servers**
  IMM Transition Tool, Release 5.1.1 supports the conversion for Cisco UCS X210c M8, C220 M8, and C240 M8 servers.
- **Support for conversion of MACsec policy**
  With IMM Transition Tool, Release 5.1.1, you can convert MACsec policy from UCS Manager to IMM.
- **Support for conversion of UCS Manager/Central LDAP Authentication Domain to Intersight LDAP Policy or Intersight Appliance Authentication Domain**
  Starting with Release 5.1.1, the IMM Transition Tool enables the conversion of LDAP/AD Authentication Settings from UCS Manager/Central to an LDAP Policy attached to the converted UCS Domain Profile, as well as to the target Intersight Appliance device LDAP settings.
- **Miscellaneous support**
  With IMM Transition Tool, Release 5.1.1, the following miscellaneous enhancements have been added:
  - Support for UCS Manager 4.3(6) release.
  - Support for UCS Central 2.1(1) release.
  - Support for the conversion of Package Power Limit of UCSM's Power Control Policy to IMM.
  - Support for the conversion of SRIOV HPN Connection Policy from UCSC to IMM.

New features in release 5.0.3

IMM Transition Tool, Release 5.0.3 includes bug fixes, enhancements, and the following list of new features.

- **Support for Change Mode option during in-place migration of UCS Manager Devices**
  IMM Transition Tool, Release 5.0.3 introduces the option to select Change Mode during the Erase Configuration step of in-place migration for UCSM devices on version 4.3(5c) and above. This feature allows you to migrate your device from UCSM mode to IMM mode without requiring an initial setup, thus avoiding any manual operation using a console port or requiring a DHCP environment. Please note that this new option still requires a full domain downtime when performing the conversion.
- **Support for conversion of Scrub Policy, Memory policy, and Server Pool Qualification policy**
  With the IMM Transition Tool, Release 5.0.3, you can convert Scrub and Server Pool Qualification policies from UCS Manager/Central to IMM, and Memory policy from UCS Manager to IMM.

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- **Support for cloning in-place domain migrations**
  From Release 5.0.3 onward, the IMM Transition Tool allows for the cloning of in-place domain migration transitions. This operation is only possible if the transition is not complete, and the Erase Configuration operation has not yet been performed.
- **Ability to push only the configuration, the equipment-specific configuration items (SPAN sessions, User Labels and Tags assigned to hardware), or both to Intersight while cloning the transitions**
  From Release 5.0.3 onward, the IMM Transition Tool allows you to push only the configuration, the equipment-specific configuration items (SPAN sessions, User Labels and Tags assigned to hardware), or both to Intersight while cloning the transitions.
- **Miscellaneous support for various policies**
  With IMM Transition Tool, Release 5.0.3, following miscellaneous support has been added:
  - EtherChannel Pinning in the Ethernet Adapter Policy (in conversion & cloning transitions).
  - Multiple Ethernet Network Group Policies attached to a vNIC in LAN Connectivity Policy/vNIC Template and to an uplink port/port-channel in Port Policy (in cloning transition only).
  - Forward Error Correction (FEC) for breakout ports in the Ethernet Uplink Port Channel, FCoE Uplink Port Channel, and Appliance Port Channel roles in the Port Policy (in conversion transitions from UCSM and cloning transitions).
  - Default Package Power Limit (PPL) in Power Policy for Cisco UCS C225 and C245 M8 servers (in cloning transitions).
  - Root CA certificates in Certificate Management Policy (in cloning transitions).
  - LDAP Policy attachment support for UCS domain profiles (in cloning transitions).

New features in release 5.0.2

IMM Transition Tool, Release 5.0.2 includes bug fixes, enhancements, and the following list of new features.

- **Support for adding and claiming IMM Domain devices in Device Management**
  IMM Transition Tool, Release 5.0.2 provides the ability to add and claim IMM Domain devices from the Device Management page.

New features in release 5.0.1

IMM Transition Tool, Release 5.0.1 includes bug fixes, enhancements, and the following list of new features.

- **Ability to perform an automated in-place migration of UCS Manager Devices using the Transition Tool**
  IMM Transition Tool, Release 5.0.1 introduces a new transition type: In-Place UCS Domain Migration. This new type allows you to perform an automated in-place migration of UCS Manager Devices to Intersight Managed Mode. IMM Transition Tool will fetch the UCS Manager domain configuration, convert it to Intersight, take a backup, and delete the configuration so that the domain is in a proper state to be reconfigured in Intersight Managed Mode. It will also perform the Initial Setup of the domain in Intersight mode (either manually or automatically via DHCP). The converted Domain Profile is then assigned and deployed automatically. The Server Profiles are automatically assigned to servers once they are successfully discovered. However, deployment is not automated;

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you need to manually power on each server and deploy the profile to complete the process for all server profiles.

- **Change in the Operating System**
  The underlying operating system of the tool has changed from Ubuntu 22.04 to Ubuntu 24.04. Therefore, if you are an existing user using IMM Transition Tool, Release 4.X, you must backup data from the existing version of the tool, install the new OVA file, and restore the data on the latest version of the tool.
- **Support for conversion of SPAN configurations from UCSM to IMM in Upload Configuration + Push to Intersight and Clone Intersight Transitions**
  The IMM Transition Tool, Release 5.0.1, allows conversion of UCSM SPAN local sessions into Intersight traffic mirroring sessions. However, these sessions are only pushed to Intersight during the Upload Configuration + Push to Intersight and Clone Intersight transitions, controlled by the Push Equipment toggle button.

New features in release 4.2.2

IMM Transition Tool, Release 4.2.2 includes bug fixes, enhancements, and the following list of new features.

- **Support for Cisco UCS X-Series Direct**
  IMM Transition Tool, Release 4.2.2 supports the Cisco UCS X-Series Direct in port policy and conversion from UCS Mini.
- **Support for assigning individual servers to Resource Groups**
  IMM Transition Tool, Release 4.2.2 supports assigning individual servers to the resouce groups during cloning.

New features in release 4.2.1

IMM Transition Tool, Release 4.2.1 includes bug fixes, enhancements, and the following list of new features.

- **Ability to clear an Intersight account**
  IMM Transition Tool, Release 4.2.1 introduces the Clear Intersight Config feature. This feature allows you to delete configuration objects (pools, policies, profiles, and templates), resource groups, users, and organizations from an Intersight account, making it easy to return an Intersight device to its default configuration. You can view the Clear Intersight Report for a detailed summary of the operation.
- **Support for additional templates such as Domain Profile Templates, Chassis Profile Templates, and vNIC/vHBA Templates**
  IMM Transition Tool, Release 4.2.1 supports additional templates such as Domain Profile Template, and Chassis Profile Template for cloning.
  IMM Transition Tool, Release 4.2.1 supports additional templates such as vNIC/vHBA Templates for conversion and cloning.
- **Ability to upload an ISO file from an external URL**
  IMM Transition Tool, Release 4.2.1 allows you to upload an ISO file from an external URL in the Software Repository.
- **Ability to create a Chassis Profile Template during conversion**
  IMM Transition Tool, Release 4.2.1 provides the ability to create a Chassis Profile Template

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assigned with converted power and thermal policies from the global policies section of the UCS Manager.

- **Ability to add a user label for a device in Device Management**
  IMM Transition Tool, Release 4.2.1 allows you to add a user label for a device that helps in identification.

New features in release 4.1.3

IMM Transition Tool, Release 4.1.3 includes bug fixes, enhancements, and the following list of new features.

- **Ability to add trusted CA certificates**
  IMM Transition Tool, Release 4.1.3 allows you to upload a trusted Certificate Authority (CA) certificate to trust a proxy SSL certificate when connecting to devices behind that proxy.
- **Support for IP Pools configuration at block level**
  IMM Transition Tool, Release 4.1.3 provides the ability to convert IP pools configuration at the block level from UCS Manager/Central.
- **Support for user labels of server, domain, and chassis profiles**
  IMM Transition Tool, Release 4.1.3 supports the fetching and pushing of user label attributes for server profiles, chassis profiles, and domain profiles to Intersight. This support is also extended for converting the service profile user labels from UCS Manager/Central to Intersight Managed Mode.
- **Support for M.2 RAID configuration with custom virtual drive names within a Storage Policy**
- **Support for FlexMMC boot option in the Boot Policy settings**
- **Support for Physical NIC Mode option in Adapter Configuration policy**
- **Support for Hybrid Slots configuration within a Storage Policy**

New features in release 4.1.2

IMM Transition Tool, Release 4.1.2 includes bug fixes, enhancements, and the following list of new features.

- **Support for Cisco UCS M7 servers with 5th Gen Xeon scalable CPUs**
- **Ability to add and renew SSL certificate for the web server**
  IMM Transition Tool, Release 4.1.2 allows you to authenticate your secure connection to the tool. You can now upload secure sockets layer (SSL) certificate for the web server. You can also renew or reset the CA-signed SSL certificates from the GUI and self-signed certificates through a shell script.
- **Ability to add an offline device, upload the JSON configuration file, and push it to Intersight**
  You can now add a device to the IMM Transition Tool by choosing to skip the connection check between the tool and the device. The configuration and inventory files for the device can be edited, uploaded and used later.
  IMM Transition Tool, Release 4.1.2 introduces a new transition type " Upload Configuration + Push to Intersight" . This new type reduces the steps involved in pushing your configuration to Intersight. You can now directly upload a JSON configuration file and push it to Intersight.
- **Ability to specify the domain name of the virtual machine (VM)**
  IMM Transition Tool, Release 4.1.2 provides the ability to specify the domain name of the virtual machine (VM) during installation of the IMM Transition Tool.

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- **Ability to view each profile's state on the Select Service Profile page**
  IMM Transition Tool, Release 4.1.2 shows each profile's state on the Select Service Profile page, allowing you to view and choose profiles for conversion based on their state.
- **Support for VIC QinQ tunneling conversion and cloning**
- **Support for VIC SRIOV conversion and cloning**

New features in release 4.1.1

IMM Transition Tool, Release 4.1.1 includes bug fixes, enhancements, and the following list of new features.

- **Support for organization sharing in conversion and cloning transitions**
  IMM Transition Tool, Release 4.1.1 supports organization sharing in both conversion and cloning transition types. When converting a configuration, you can choose whether to leverage organization sharing in the converted configuration.
- **Support for bulk claiming devices to Intersight**
  IMM Transition Tool, Release 4.1.1 provides the ability to simultaneously claim a list of devices to Intersight.
- **Ability to Perform Selective Cloning for Chassis and Domain Profiles**
  IMM Transition Tool, Release 4.1.1 provides the ability to select Chassis and Domain Profiles during cloning.
- **Support for hosting OS Configuration Files for the Software Repository**
  IMM Transition Tool, Release 4.1.1 allows you to host your OS configuration files. You can then leverage this to easily perform OS configurations on your UCS servers.
- **Support for creating Intersight vMedia Policy from an ISO file hosted in the Software Repository**
  IMM Transition Tool, Release 4.1.1 allows you to automatically create an Intersight vMedia Policy from a hosted ISO file in the Software Repository. You can select the target organization and the settings of the vMedia Policy created.
- **Support for force fetching the device configuration in the event of errors during a Fetch operation**
  You can now fetch device configurations even when errors occur during a fetch operation. If an error occurs, you can enable the 'Force Fetch' toggle button, allowing the tool to ignore the failed objects and proceed to fetch the configurations of the remaining devices.
- **Support for force pushing the device configuration in the event of errors during a Push to Intersight operation**
  You can now push device configurations even when errors occur during a Push to Intersight operation. If an error occurs, you can enable the 'Force Push' toggle button, allowing the tool to ignore the failed objects and proceed to pushing the configurations to Intersight.
- **Support for downloading files hosted in the Software Repository from the UI**
  You can now directly download the hosted files from the Software Repository page of the Transition Tool.

New features in release 4.0.2

IMM Transition Tool, Release 4.0.2 includes bug fixes, enhancements, and the following list of new features.

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- **Support for Conversion of Host Ports of Cisco UCS VIC 1300 Series Adapters**
  You can now choose to use Host Port information for calculating vNIC/vHBA order.
- **Support for Conversion of Service Profile Power Settings**
  IMM Transition Tool, Release 4.0.2 supports conversion of Power Control Policy and Power Restore settings to a Power Policy in Intersight Managed Mode Cisco UCS B-Series and Cisco UCS X-Series servers.
- **Ability to Display Disk Utilization in the Software Repository Page**
  You can now view the disk utilization in the Software Repository page.
- **Added support for HTTP Boot option in the Boot Policy**.
- **Added support for UCS Central 2.0(1t) BIOS tokens**.

New features in release 4.0.1

IMM Transition Tool, Release 4.0.1 includes bug fixes, enhancements, and the following list of new features.

- **Change in the Operating System**
  The underlying operating system of the tool has changed from Ubuntu 18.04 to Ubuntu 22.04. Therefore, if you are an existing user using IMM Transition Tool, Release 3.1.1, you must backup data from the existing version of the tool, install the new OVA file, and restore the data on the latest version of the tool.
- **Support for Software Repository**
  IMM Transition Tool, Release 4.0.1 includes a Software Repository feature, which allows you to host your ISO images or firmware packages. You can then leverage this to easily perform Operating System installations or firmware upgrades on your UCS servers.
- **Support for the New Intersight European Region**
  IMM Transition Tool, Release 4.0.1 supports US and EU regions for Intersight SaaS devices.
- **Support for Cisco UCS-X Series Servers Running in UCS Manager Mode**
  IMM Transition Tool, Release 4.0.1 supports the conversion of Cisco UCS X-Series servers and their associated profiles running in UCS Manager mode.
- **Support for Cisco UCS M7 Servers**
  IMM Transition Tool, Release 4.0.1 supports the conversion for Cisco UCS X-Series M7 and Cisco UCS C-Series M7 servers.
- **Ability to Perform Selective Cloning**
  IMM Transition Tool, Release 4.0.1 provides the ability to select the Server Profiles/Templates of the transition that need to be cloned.
- **Ability to Preserve Service Profile Associations During Conversion**
  You can now choose to pre-assign each converted Server Profile to the same server serial number as the one it was assigned to in UCS Manager/Central.
- **Ability to Preserve Server Profile Associations During Cloning**
  You can now choose to pre-assign each cloned Server Profile to the same server serial number as the one it was assigned to in the source Intersight device.

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- **Ability to Preserve Chassis/Rack Server IDs During Conversion**
  You can now choose to preserve the chassis/rack server IDs to the same server ports as what was defined in UCS Manager.
- **Ability to Customize the vCon to PCIe slots Mapping**
  You can now override the default mapping and manually provide the corresponding PCIe slot number for each source vCon value in a conversion.
- **Support for Additional Policies Such as Drive Security and Firmware Policies**.

New features in release 3.1.1

IMM Transition Tool, Release 3.1.1 includes bug fixes and the following list of new features.

- **Preservation of Configuration Identifiers while Cloning an Intersight Account**
  IMM Transition Tool, Release 3.1.1 enables you to clone an Intersight account while preserving the assigned IDs on the source Server Profiles.
- **Support for Conversion of UCS Central Tags**
  IMM Transition Tool, Release 3.1.1, supports the conversion of the UCS Central tags that are assigned to various pools, policies, and profiles/templates.
- **Enabling Proxy Settings for Individual Devices**
  You can now enable/disable the proxy settings for each device separately.
- **Bulk Deletion of Devices**
  You can now delete multiple devices with a single click on the device management page.
- **Ability to Backup and Restore Data**
  IMM Transition Tool, Release 3.1.1, provides the ability to back up and restore data on the tool.
- **Device Version Validation**
  IMM Transition Tool, Release 3.1.1, shows a warning if the firmware version of the added device is not compliant with the minimum supported version.
- **Support for UCS 4.2(3) Release and conversion of Cisco UCS 6536 Fabric Interconnects in UCSM mode**
- **Updated the list of supported hardware in Intersight Managed Mode**

New features in release 3.0.2

IMM Transition Tool, Release 3.0.2 includes bug fixes and the following list of new features.

- **Generation of Readiness Report without Adding an Intersight device**
  IMM Transition Tool, Release 3.0.2, provides the ability to generate the Transition Readiness Report without having to add the configuration details of the destination Intersight device in the IMM Transition tool.
- **Support for Conversion of Private VLANs**
  IMM Transition Tool, Release 3.0.2, supports the conversion of Private VLANs from UCSM to Intersight.
- **Ability to Define Custom Tags for Transition**
  You can now customize the tags for the converted objects by adding, updating, and deleting the tags on the Transition Settings page.

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- **Bulk Deletion of Transitions**
  You can now delete multiple IMM transitions with a single click.
- **Ability to Upgrade the Tool Using Command-line Interface (CLI)**
  IMM Transition Tool, Release 3.0.2, provides the ability to upgrade the IMM Transition Tool from 3.0.1 to 3.0.2 using CLI.
- **Ability to Show all of the Inband & Out of Band (static/pool) IP Addresses Assigned to Service Profiles in the Readiness Report**
  You can now view the Management IP Addresses section in the Transition Readiness Report that lists the IP Addresses assigned to UCSM/Central Service Profiles and physical servers.
- **Support for Intersight V2 and V3 API Keys**
  You can now use OpenAPI V2 and V3 API Keys to connect to Intersight.

New features in release 3.0.1

IMM Transition Tool, Release 3.0.1 includes bug fixes and the following list of new features.

- **Preservation of Configuration Identifiers**
  IMM Transition Tool, Release 3.0.1, provides support for preserving the configuration identifiers that a physical server gets from a Service Profile. IP Addresses, MAC addresses, IQNs, UUIDs, WWNNs, and WWPNs can be preserved when converting Service Profiles from UCS Manager/Central to Intersight Server Profiles.
- **Cloning an Intersight Account**
  The new release enables cloning the configuration attributes between two Intersight instances. The feature is supported for both SaaS and Virtual Appliance instances. With this new transition type, all standalone and IMM servers related pools/policies/profiles/templates can be cloned from one Intersight account to another, regardless of deployment model.
- **Auto-generated Default Password During Installation**
  The installation of the tool now uses an auto-generated default password. You need not enter a default password for converted policy and mutual CHAP authentication. Once the configuration is pushed to Intersight, you will need to manually modify the auto-generated passwords in each of the corresponding policies (Local User, SNMP, vMedia, and so on).
- **Configuring the Default Settings for New Transitions**
  You can now configure the default settings that get applied to every new transition that is created in the tool.
  You can set/unset the options to control the behaviour of the transition of UCSM/UCS Central.
- **Mapping UCS Organization to Intersight Organization**
  IMM Transition Tool, Release 3.0.1, provides the ability to do mapping of organizations. This new feature gives you more flexibility to control the conversion of organizations from UCS Manager/Central to Intersight by mapping the source UCS orgs to the destination Intersight orgs. Through a one-to-one or many-to-one mapping, you can select the destination Intersight organization or you can add a new destination Intersight org that you want for your source UCS organization(s).
- **View Push Summary**
  At the end of the Push to Intersight operation, you can now view the summary of the operation. This summary shows the total count of the objects attempted to be pushed to Intersight and lets you

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know the push status for each of the configuration object. The status can be any one of the following: Success, Skipped, Failed.

- **Transition Support for the following**:
  - Conversion of LAN/SAN Pin Groups
  - Conversion of Breakout Ports
  - FC Zoning Policy
  - Cisco UCS 6536 Fabric Interconnect model

New features in release 2.0.1

IMM Transition Tool, Release 2.0.1 includes bug fixes and the following list of new features.

- **Support for Cisco UCS Central**
  IMM Transition Tool, Release 2.0.1 provides support for converting Service Profile Templates from UCS Central to Intersight.
- **Selection of Transition Settings**
  You can set/unset the transition options and control the behavior of the transition.
- **Selective Conversion Based on Service Profiles/Templates**
  You can select the Service Profiles or Templates for conversion. Only the policies that are attached to those Profiles/Templates will be converted.
- **Cloning of Transition**
  Any transition which is not in progress, can be cloned and edited to generate report and to push to Intersight.
- **Availability of Historical Transitions and Reports**
  Report for any configuration can be generated only once. This enables you to refer the history of transitions and reports.
- **No Default Overwriting of Existing Intersight Objects**
  Existing Intersight objects are not overwritten by default during conversion. This ensures that any changes made to the Intersight policies do not get overwritten by any converted object, and any common policy across Service Profile Template(s) is converted only once.
- **Conversion of Specific Policies such as**
  - Specific Boot Policy
  - Specific Dynamic vNIC Connection Policy
  - Specific Serial over LAN Policy
  - Specific Local Disk Configuration Policy
  - Specific vMedia Policy

New features in release 1.0.2

IMM Transition Tool, Release 1.0.2 includes bug fixes and the following list of new features.

- **Device Management**
  IMM Transition Tool, Release 1.0.2 enables you to manage your devices better. You can add, edit,

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and delete your UCS System device or Intersight device. Only unique Target IP/FQDN are allowed, thereby preventing duplicate devices.

- **Upload Configuration**
  You can manually edit the converted configuration of the UCSM domain prior to pushing to Intersight. You need to download the existing converted configuration file, edit it, and then upload the edited file. The uploaded configuration file is pushed to Intersight.
- **Enhanced Security**
  IMM Transition Tool, Release 1.0.2 has enhanced security with availability of HTTPS support and automatic session-time out after 30 min of inactivity. This release also contains fixes for multiple security vulnerabilities.
- **Transition Support for New Features in Intersight**
  - Support for Ethernet/FC Switching mode conversion
  - Support for converting Storage VSANs
  - BIOS Tokens update to support 4.2(1i)
  - Support for FC Storage Port conversion
  - Support for Server Pools (Resource Pools)
  - Support for Out-of-Band (OOB) IP Address at Service Profile conversion

New features in release 1.0.1

IMM Transition Tool, Release 1.0.1 has the following list of features.

- **Import Service Profile Templates and related Policies and pools from UCS Manager.**
- **Generate IMM Readiness Report with Hardware Compatibility Score, Fabric Policies config score, and Server policies config Score.**
- **Push the converted configuration to Intersight**.
- **Feedback support using Cisco Intersight feedback mechanism**.
- **The tool is available for anyone with valid Cisco CCO ID**.

Installing and upgrading tool

From the UCS Tools page, download the latest IMM Transition Tool .ova file to your computer and deploy the OVF template.

For detailed steps on installing the tool, refer Installing Cisco Intersight Managed Mode Transition Tool.

For detailed steps on upgrading the tool from 4.2.2 to higher version, refer Upgrading Cisco Intersight Managed Mode Transition Tool.

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Resolved issues

Resolved issues in release 5.1.5

Defect ID	Description	First Version Affected	Resolved in Release
CSCww46206	UCS Central-to-Intersight configuration conversion stopped during organization mapping when an IP pool in a nested organization referenced an ID Range Access Control Policy defined in a parent organization. Release 5.1.5 resolves the cross-organization policy reference and completes the conversion.	5.1.4	5.1.5
CSCww46234	Converted Ethernet Network Group Policies omitted the native VLAN from the allowed VLAN list, causing Intersight validation or deployment to fail. Release 5.1.5 resolves the issue and adds the native VLAN to the allowed VLAN list during conversion.	5.1.4	5.1.5
CSCww46249	Cloning an Intersight configuration from an uploaded JSON file failed with an unhandled error when the file referenced a policy or pool that it did not contain. Release 5.1.5 handles missing references safely and reports a validation error instead of terminating the clone operation.	5.1.4	5.1.5
CSCww46255	Service Profiles and Service Profile Templates were omitted from the converted Intersight configuration when profiles were derived from Initial Templates or referenced unselected parent-organization Updating Templates. Release 5.1.5 resolves the required inventory and template dependencies, so the affected profiles and templates convert successfully.	5.1.4	5.1.5

Known behavior and limitations

The following list details the known behavior and limitations of the IMM Transition Tool . It does not include feature differences between UCS Manager/Central and IMM, nor does it list any IMM limitations.

Note: The readiness report within the IMM Transition Tool details the implementation differences between UCSM or UCS Central and IMM. It also lists features that cannot be transitioned during the conversion.

- Conversion of Host Firmware Packages to Firmware Policies is not supported.
- Converting from 6200/6300 Series Fabric Interconnects (including UCS Mini) will not alter or remove VLANs that belong to the default reserved VLAN range on 6400/6500/S9108-100G Series Fabric Interconnects. You can either modify or remove VLAN IDs from the reserved range, or move the reserved VLAN range before deploying the Domain Profile.
- Conversion of MACsec and ERSPAN features is not supported.
- Conversion of Role Based Access Control features (Users, Roles, Locales, Org Permissions, LDAP, RADIUS, TACACS) is not supported.
- Conversion is limited to 50 organizations and 100 resource groups per Intersight Account.
- Creation of LAN/SAN connectivity policy in Intersight is restricted when the combined length of the organization and Ethernet/FC QoS policy is more than 40 characters.
  You can enable automatic renaming of long org names in the Transition Settings page to work around this issue. For details, refer Settings in the IMM Tranistion Tool User Guide.

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You can also use the Advanced Organization Mapping feature in IMM Transition Tool, Release 3.0.1 and later, to have the ability to define each organization's name.

- LAN/SAN Connectivity Policies referring to empty WWNN/IQN pools might not get pushed to Intersight on conversion.
- Pushing a large configuration to Intersight can take significant time. This time is directly dependent on the number of Service Profiles/Templates converted in a single transition.
- Assigning UCS Central tags containing special characters, such as " &" in the tag type and value, can block the entire UCS Central tag conversion.
- When cloning between Intersight accounts using both Inband and Outband IPs allocated from the same IP pool, the preservation of IP identities does not work.
- When converting a BIOS Policy, the 'Onboard LOM ports' BIOS token will automatically be set to 'Disabled'. This is done to ensure proper interface ordering for FI-Attached C-Series servers.

Related resources

Cisco Intersight Managed Mode Transition Tool User Guide, 5.x

Cisco Intersight Managed Mode Transition Tool User Guide, 4.x

Cisco Intersight Managed Mode Transition Tool User Guide, 3.x

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