



## Supported Features

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## Supported Features for Conversion

### A. Supported Features for Conversion from UCS to IMM

This section provides a list of features that are supported for conversion in the IMM Transition Tool and a policy mapping between Cisco UCS Manager/Central and Intersight.



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**Note** If the UCS Central configuration contains VLAN/VSAN aliasing, the IMM Transition Tool will automatically select one of the aliases when performing the conversion of the vNICs/vHBAs. Please review the resulting configuration carefully to make sure it is appropriate.

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Table 1: (I) Conversion Mapping between UCS and Intersight Features

<b>UCS Manager/UCS Central Feature Category</b>	<b>Source UCS Manager/UCS Central Feature Name</b>	<b>Equivalent IMM Policy</b>
Admin	Communication Services * <sub>3</sub>	SNMP Policy
	Organizations	Intersight Organizations
	Syslog * <sub>4</sub>	Syslog Policy
	Time zone Management	NTP Policy
	MAC Address Table Aging	Switch Control Policy
	VLAN Port Count Optimization	Switch Control Policy
	Reserved VLAN Range * <sub>11</sub>	Switch Control Policy
	Inband Profile VLAN Group	Ethernet Network Group Policy
	Inband Profile Network	IMC Access Policy
	Inband Profile IP Pool Name	IMC Access Policy
	FC Uplink Trunking	VSAN Policy
	DNS * <sub>5</sub>	Network Connectivity Policy

<b>UCS Manager/ UCS Central Feature Category</b>	<b>Source UCS Manager/UCS Central Feature Name</b>	<b>Equivalent IMM Policy</b>
Server Policies and Chassis Policies	BIOS Policy	BIOS Policy
	Boot Policy	Boot Policy iSCSI Static Target Policy
	Disk Group Policy	Storage Policy
	IPMI Access Profile	IPMI over LAN Policy
	iSCSI Adapter Policy	iSCSI Adapter Policy
	iSCSI Boot Policy	iSCSI Boot Policy
	KVM Management Policy	Virtual KVM Policy
	Local Disk Config Policy * <sub>6</sub>	Storage Policy, SD Card Policy
	QoS Policy	Ethernet QoS Policy/ FC QoS Policy
	Serial over LAN Policy	Serial over LAN Policy
	Service Profile	Server Profile
	Service Profile Template * <sub>7</sub>	Server Profile Template
	Storage Profile	Storage Policy
	Storage Profile - Security Policy * <sub>11</sub>	Drive Security
	vMedia Policy	Virtual Media Policy
	vNIC/vHBA Placement Policy * <sub>8</sub>	LAN Connectivity Policy/SAN Connectivity Policy
	Ethernet Adapter Policy	Ethernet Adapter Policy
	Flow Control Policy	Flow Control Policy
	LACP Policy	Link Aggregation Policy
	LAN Connectivity Policy	LAN Connectivity Policy
	VMQ Connection Policy	VMQ * <sub>12</sub>
	usNIC Connection Policy	usNIC * <sub>12</sub>
	SRIOV HPN Connection Policy	SR-IOV * <sub>12</sub>
	Link Protocol Policy	Switch Control Policy
	Multicast Policy	Multicast Policy
	Network Control Policy	Ethernet Network Control Policy
Fibre Channel Adapter Policy	Fibre Channel Adapter Policy	

UCS Manager/UCS Central Feature Category	Source UCS Manager/UCS Central Feature Name	Equivalent IMM Policy
	SAN Connectivity Policy	SAN Connectivity Policy
	Storage Connection Policy	FC Zoning Policy
	Power Control Policy Power Restore BIOS setting	Power Policy
Pools	IP Pool	IP Pool
	IQN Suffix Pool	IQN Pool
	MAC Pools	MAC Pool
	WWNN Pool	WWNN Pool
	WWPN Pool	WWPN Pool
	Server Pool *9	Resource Pool

Following table lists the UCS Manager features that are supported for conversion in the IMM Transition Tool.

**Table 2: (II) Conversion Mapping between UCS Manager and Intersight Features**

UCS Manager Feature Category	Source UCS Manager Feature Name	Equivalent IMM Policy
Fabric Config *1	Appliance VLAN	VLAN Policy
	QoS System Class	System QoS Policy
	VLAN Group*13	Ethernet Network Group Policy
	VLAN	VLAN Policy
	VSAN	VSAN Policy
	Storage VSAN *9	VSAN Policy
	LAN/SAN Pin Group *10	LAN/SAN Pin Group
Fabric Policies *2	Appliance Network Control Policy	Ethernet Network Control Policy
	UDLD Link Policy	Link Control Policy

UCS Manager Feature Category	Source UCS Manager Feature Name	Equivalent IMM Policy
Port Roles	Appliance Port	Port Policy
	Appliance Port-Channel	Port Policy
	FCoE Uplink Port	Port Policy
	FCoE Uplink Port-Channel	Port Policy
	LAN Uplink Port	Port Policy
	LAN Uplink Port-Channel	Port Policy
	SAN Unified Port	Port Policy
	SAN Uplink Port	Port Policy
	SAN Uplink Port-Channel	Port Policy
	Server Port	Port Policy
	FC Storage Port *9	Port Policy
	SAN Storage Port *9	Port Policy
	Breakout Port *10	Port Policy

\*1 - Merged with regular VLANs

\*2 - Merged with regular Network Control Policies

\*3 - Sessions/HTTP settings are defined in Intersight Settings. Telnet/SSH settings are not supported

\*4 - Only supports up to two remote destination servers

\*5 - In UCS Manager, it is found under Admin > Communication Management > DNS Management

\*6 - Replaced by Storage Policy. Local Disk Configuration policy supports only Manual creation not the Automatic policy option.

\*7 - Only Updating Templates - no support for Initial Templates (though cloning can be achieved)

\*8 - The placement is statically mapped to PCIe slots, with the following mapping:

- vCon 1: Slot MLOM
- vCon 2: Slot PCIe1
- vCon 3: Slot PCIe2
- vCon 4: Slot PCIe3

This mapping is static, but can be adjusted in the Transition Settings. For more details, see B. Transition Settings for Conversion section in [Default Settings](#).

\*9 - Supported in IMM Transition Tool, Release 1.0.2 and later.

\*10 - Supported in IMM Transition Tool, Release 3.0.1 and later.



**Note** Table containing aliases for aliased VLANs/VSANs are not supported for conversion.

\*11 - Supported in IMM Transition Tool, Release 4.0.1 and later.

\*12 - Part of LAN Connectivity policy

\*13 - IMM Transition Tool, Release 4.1.2 supports VIC QinQ Tunneling

### B. Fabric Interconnect (FI) Mapping for Conversion

When a Port policy is converted from UCSM to IMM, the port configuration of that policy is adjusted by mapping the unsupported FI (Cisco UCS 6200 and 6300 Series) as shown below:

**Table 3: Mapping between UCSM FI and IMM FI for Port Policy Conversion**

UCSM FI	Equivalent IMM FI
Cisco UCS-FI-6248UP	Cisco UCS-FI-6454
Cisco UCS-FI-6296UP	Cisco UCS-FI-6454
Cisco UCS-FI-6296	Cisco UCS-FI-64108
UCS-FI-M-6324	Cisco UCS-FI-6454
Cisco UCS-FI-6332	Cisco UCS-FI-6536
Cisco UCS-FI-6332-16UP	Cisco UCS-FI-6536
Cisco UCS-FI-6454	Cisco UCS-FI-6454
Cisco UCS-FI-64108	Cisco UCS-FI-64108
Cisco UCS-FI-6536	Cisco UCS-FI-6536



#### Note

- Any existing Unified Port and SAN Port configuration will be ignored when converting from a Cisco UCS 6200 Series or Cisco UCS 6300 Series FI to IMM, because the Unified Ports hardware characteristics are different.
- For the migration of Cisco UCS-FI-6332-16UP to Cisco UCS 6536, all SFP+ Ports configuration is ignored, and all QSFP+ Ports configuration is shifted to the left by 16 ports (port 1/17 on Cisco UCS-FI-6332-16UP becomes port 1/1 on Cisco UCS-FI-6536).

## Supported Features for Cloning

### Supported Features for Cloning an Intersight account

This section provides the list of UCS Server, Chassis, and Domain Policies and the list of Profiles, Pools, Resources, Settings, and Templates supported for cloning an Intersight account.



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**Note**

- Cloning of an Intersight account is supported only for configurations in standalone mode and in Intersight Managed Mode.
  - Target devices claimed in the source Intersight account are not moved to the destination Intersight account on cloning.
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Table 4: Supported Features for Cloning an Intersight Account

Feature Category	Supported Feature
UCS Server Policy	Adapter Configuration
	BIOS
	Boot Order
	Certificate Management
	Device Connector
	Drive Security *2
	Ethernet Adapter
	Ethernet Network
	Ethernet Network Control
	Ethernet Network Group
	Ethernet QoS
	FC Zoning
	Fibre Channel Adapter
	Fibre Channel Network
	Fibre Channel QoS
	Firmware *2
	IMC Access
	IPMI over LAN
	iSCSI Adapter
	iSCSI Boot
	iSCSI Static Target
	LAN Connectivity
	LDAP
	Local User
	Network Connectivity
	NTP
	Persistent Memory
	Power
SAN Connectivity	
SD Card	
Serial over LAN	



Feature Category	Supported Feature
	SMTP
	SNMP
	SSH
	Storage
	Syslog
	Virtual KVM
	Virtual Media
UCS Domain Policy	Flow Control
	Link Aggregation
	Link Control
	Multicast
	Port
	Switch Control
	System QoS
	VLAN
	VSAN
	SNMP
UCS Chassis Policy	Thermal
	SNMP
Pools	IP
	IQN
	MAC
	Resource
	UUID
	WWNN
	WWPN
Profiles	UCS Server Profile
	UCS Chassis Profile
	UCS Domain Profile
Templates	UCS Server Profile Template

Feature Category	Supported Feature
Access and Permissions Settings	Users * <sub>1</sub>
	Groups * <sub>1</sub>
	Roles * <sub>1</sub>
	Organizations
	Resource Groups

- \*<sub>1</sub> - Cloned only when the "Trim Intersight Settings" option is not set. By default, the object is not cloned.
- \*<sub>2</sub> - Supported from IMM Transition Tool, Release 4.0.1 onwards.



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**Note**

- A self-signed certificate is generated and pushed to Intersight while cloning an Intersight account having Certificate Management policy.
  - Any policy containing a password is cloned using an automatically generated password.
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