

Cisco IAC 3.1.1 Processes and Services List

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Related Information

Introduction

This document provides a listing of all of the Cisco Process Orchestrator processes and Cisco Cloud Portal services delivered in Cisco Intelligent Automation for Cloud 3.1.1. Changes to this list from the previous version Cisco Intelligent Automation for Cloud 3.1 are identified:

- New processes and services are denoted by *New in IAC 3.1.1*.
- Processes and services that existed but have been removed from the product are denoted by *Removed from IAC 3.1.1*.

Cisco Process Orchestrator Processes

Processes

Server Provisioning Processes

- Assign UCS Service Profile
- Assign UCS Service Profile from Template
- Convert Virtual Server To Template *New in IAC 3.1.1*
- Convert Virtual Server to Template Handler *New in IAC 3.1.1*
- Create Virtual Server
- Create Virtual Server From Template
- Customize Virtual Server
- Delete Physical Server
- Delete Virtual Server

Cloud Administration Action Handling Processes

- Commission ESXi Host
- Commission ESXi Host Handler
- Decommission ESXi Host
- Decommission ESXi Host Handler
- Manage License Data *New in IAC 3.1.1*
- Manage License Data Handler *New in IAC 3.1.1*
- Manage Platform Elements
- Manage Platform Elements Handler
- Set Cisco PO Global Variables

- Set Cisco PO Global Variables Handler
- vSphere Create Resource Pool
- vSphere Create Resource Pool Handler
- vSphere Delete Resource Pool
- vSphere Delete Resource Pool Handler
- vSphere Update Resource Pool
- vSphere Update Resource Pool Handler

Cloud User Action Handling Processes

- Add Network
- Add Network Handler
- Check NSAPI Home OU *New in IAC 3.1.1*
- Commission Physical Server
- Commission Physical Server Handler
- Commission Virtual Server from Template
- Commission Virtual Server from Template Handler
- Commission Virtual Server and Install OS
- Commission Virtual Server and Install OS Handler
- Decommission Physical Server
- Decommission Physical Server Handler
- Decommission Virtual Server
- Decommission Virtual Server Handler
- Delete Snapshot SI
- Delete Snapshot Virtual Server
- Delete Snapshot Virtual Server Handler
- Install OS with Cisco Server Provisioner
- Manage Network Properties Handler *Removed from IAC 3.1.1*
- Manage Power State
- Manage Power State Handler
- Manage Virtual Server Configuration
- Manage Virtual Server Configuration Handler
- Modify Network Properties Handler
- Remove Network
- Remove Network Handler
- Retrieve nsAPI Login and OU *New in IAC 3.1.1*
- Revert Snapshot Virtual Server
- Revert Snapshot Virtual Server Handler
- Snapshot Virtual Server
- Snapshot Virtual Server Handler
- Update VM Network Settings *Removed from IAC 3.1.1*

Utility Processes

- Cloud Portal Update Service Request
- Cloud Service Error Remediation
- Create Service Item XML
- Create Service Item Definition XML *New in IAC 3.1.1*
- Enumerate Clusters
- Enumerate Datacenters
- Enumerate VM Hosts
- FSM State Transition
- FSM State Transition Handler
- Get IP Address

- Get Tenant Configurations
- NS Lookup
- Query vSphere Powershell Install
- Refresh Metrics *Removed from IAC 3.1.1*
- Return IP Address
- Revalidate Process Runtime Queue
- Revalidate Process Runtime Queue Rules
- Set Cloud Service Item Update Channel ID
- Web Services Result Handler

Atomic Processes

- Add Process to Runtime Queue
- Add Service Request Note
- Apply VM Host Profile
- Associate VM Host Profile
- Cancel Service Request
- Cancel Service Requisition
- Complete Service Request
- Create GUID Hash from String
- Create Lease Requisition
- Create Service Target
- Create VM Host Profile
- Delete Process from Runtime Queue
- Delete Runtime User
- Delete Service Item by Properties
- Delete Service Target
- Delete Target
- Disassociate VM Host Profile
- Execute vSphere PowerCLI Command
- Find Orchestrator Processes
- Find Runtime Users
- Format UCS Organization
- Generate Authorization APID
- Initiate Cloud Portal Email Notification
- Query Service Version
- Remove VM Host Profile
- Retrieve Service Item Data
- Update Multiple Service Request Parameters
- Update Runtime User
- Update Service Request Parameter
- Update Target
- Write CIM Data To File *Removed from IAC 3.1.1*
- Update Service Item by Discovery Table XML

Portal Request Processes

- Cloud Portal Service Request Handler
- Cloud Portal Update Service Request History

Lease Management Processes

- Initialize Lease Management
- Lease Extend

- Lease Extend Handler
- Start Lease Management

Data Synchronization Processes

- Export Service Item Data *Removed from IAC 3.1.1*
- Get Stale Sync Data
- Reset Stale Sync Data
- Set Saved Sync Data

Collect Metrics Processes

- Collect Metrics
- Collect Metrics (Scheduled)
- UCS Blade Metrics Data Sync
- vSphere Metrics Data Sync **New in IAC 3.1.1**
- vSphere Resource Pools Data Sync *Removed from IAC 3.1.1*
- vSphere Datacenters Data Sync *Removed from IAC 3.1.1*
- vSphere Clusters Data Sync *Removed from IAC 3.1.1*
- vSphere Datastores Data Sync *Removed from IAC 3.1.1*
- vSphere Networks Data Sync *Removed from IAC 3.1.1*

CloudSync Discovery Processes

- CloudSync Discover Infrastructure
- CloudSync Discover Infrastructure (Scheduled)
- CloudSync Discover Infrastructure -> Cisco SP Templates
- CloudSync Discover Infrastructure -> Cisco UCS Service Profile Templates
- CloudSync Discover Infrastructure -> Cisco UCS Blades
- CloudSync Discover Infrastructure -> Cisco UCS VLANs
- CloudSync Discover Infrastructure -> vCenter Clusters
- CloudSync Discover Infrastructure -> vCenter Datacenters
- CloudSync Discover Infrastructure -> vCenter Datastores
- CloudSync Discover Infrastructure -> vCenter Hosts
- CloudSync Discover Infrastructure -> vCenter Portgroups
- CloudSync Discover Infrastructure -> vCenter ResourcePools
- CloudSync Discover Infrastructure -> vCenter VM Templates
- CloudSync Discover Infrastructure Handler

Validation Processes

- Validate Cloud Portal Drop Location *Removed from IAC 3.1.1*
- Validate Platform Elements
- Validate Platform Elements (Scheduled)
- Validate Platform Elements Handler
- Validate Platform Elements -> Cisco Server Provisioner
- Validate Platform Elements -> Cisco UCS Manager
- Validate Platform Elements -> VMware Virtual Center Server
- Validate Process Orchestrator
- Validate Process Orchestrator Handler

Process Extension Points

CloudSync Discover Infrastructure

- CloudSync Discover Infrastructure → Cisco SP Templates >> Post-Discovery
- CloudSync Discover Infrastructure → Cisco UCS Service Profile Templates >> Post-Discovery
- CloudSync Discover Infrastructure → Cisco UCS Blades >> Post-Discovery
- CloudSync Discover Infrastructure → Cisco UCS VLANs >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter Clusters >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter Datacenters >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter Datastores >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter Hosts >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter Portgroups >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter ResourcePools >> Post-Discovery
- CloudSync Discover Infrastructure → vCenter VM Templates >> Post-Discovery
- CloudSync Discover Infrastructure >> User Defined
- FSM State Transition >> User Defined

Commission ESXi Host

- Commission ESXi Host >> Post-provisioning
- Commission ESXi Host >> Pre-provisioning
- Commission ESXi Host >> Service Profile Pre-association
- Commission ESXi Host >> User Defined Rollback
- Commission ESXi Host (Cisco UCS) >> User Defined Rollback
- Decommission ESXi Host >> Pre-Provisioning

Commission Virtual Server

- Commission Virtual Server >> Post-provisioning
- Commission Virtual Server >> Pre-provisioning
- Commission Virtual Server and Install OS >> User Defined Rollback
- Commission Virtual Server from Template >> User Defined Rollback
- Create Virtual Server >> User Defined
- Create Virtual Server (vCenter) >> User Defined
- Create Virtual Server from Template >> User Defined
- Customize Virtual Server >> User Defined
- Customize Virtual Server Hardware (vCenter) >> User Defined
- Customize Virtual Server Operating System (vCenter) >> User Defined
- Decommission Virtual Server >> Post-decommission
- Decommission Virtual Server >> Pre-decommission
- Delete Virtual Server >> User Defined ^{New in IAC 3.1.1}
- Manage Virtual Server Configuration >> User Defined ^{New in IAC 3.1.1}

Commission Physical Server

- Commission Physical Server (Cisco UCS) >> User Defined Rollback
- Commission Physical Server >> Post-provisioning
- Commission Physical Server >> Pre-provisioning
- Commission Physical Server >> Service Profile Pre-association
- Commission Physical Server >> User Defined Rollback
- Decommission Physical Server >> Post-decommission
- Decommission Physical Server >> Pre-decommission

Snapshots

- Create Snapshot >> User Defined New in IAC 3.1.1
- Delete Snapshot >> User Defined New in IAC 3.1.1
- Delete Snapshot Virtual Server >> Post-Provisioning
- Revert Snapshot >> User Defined New in IAC 3.1.1
- Revert Snapshot Virtual Server >> Post-Provisioning
- Snapshot Virtual Server >> Post-Provisioning
- Snapshot Virtual Server >> Pre-Provisioning

Connection Status/Platform Elements

- Validate Platform Elements >> User Defined
- Validate Process Orchestrator >> Post-Provisioning
- Manage Platform Elements >> User Defined
- Manage Platform Elements >> User Defined Rollback

Virtual Data Centers

- Create Resource Pool >> User defined New in IAC 3.1.1
- Delete Resource Pool >> User Defined New in IAC 3.1.1
- Query vSphere Managed Objects New in IAC 3.1.1
- Update Resource Pool >> User Defined New in IAC 3.1.1
- vSphere Create Resource Pool >> Post-Provisioning
- vSphere Create Resource Pool >> Pre-Provisioning
- vSphere Delete Resource Pool >> Post-Provisioning
- vSphere Delete Resource Pool >> Pre-Provisioning
- vSphere Update Resource Pool >> Post-Provisioning
- vSphere Update Resource Pool >> Pre-Provisioning

Network Management

- Add Network >> Post-export
- Add Network >> Pre-export
- Add Network >> User Defined Exclusions
- Manage Network Properties >> User Defined Removed from IAC 3.1.1
- Manage Network Properties >> User Defined Rollback Removed from IAC 3.1.1
- Modify Network Properties >> User Defined
- Modify Network Properties >> User Defined Rollback
- Remove Network >> Extension
- Remove Network >> User Defined Rollback

IPAM

- Get IP Address >> Post-allocation
- Get IP Address >> User Defined
- Return IP Address >> Post-return
- Return IP Address >> User Defined

Cisco Server Provisioner

- Install OS with Cisco Server Provisioner >> Network Boot
- Install OS with Cisco Server Provisioner >> Post-provisioning
- Install OS with Cisco Server Provisioner >> Pre-provisioning

Manage Servers

- Manage Power State >> Post-Provisioning
- Manage Power State >> Pre-Provisioning
- Manage Power State >> User Defined ^{New in IAC 3.1.1}
- Manage Virtual Server Configuration >> Post-Provisioning
- Manage Virtual Server Configuration >> Pre-Provisioning
- Lease Extend >> Post-Provisioning

Utilities

- Find Targets >> User Defined ^{New in IAC 3.1.1}

Cisco Cloud Portal Services

Services

Commission Server Services

- Decommission Physical Server
- Decommission Virtual Machine
- Order a Physical Server
- Order a Virtual Machine and Install an OS
- Order a Virtual Machine From Template

Shared Provider Zone Services

- Create a Shared Zone
- Modify a Shared Zone

Virtual Data Center Services

- Add Network to VDC
- Create Virtual Data Center
- Decommission Virtual Data Center
- Modify VDC Size
- Remove Network from VDC

Server Operations Services

- Delete Snapshot
- Extend Managed Lease Instance
- Managed Lease Instance
- Modify Configuration
- Power Cycle Physical Server
- Power Cycle Virtual Machine
- Power Down Physical Server
- Power Down Virtual Machine
- Power Up Physical Server
- Power Up Virtual Machine
- Revert to Snapshot
- Take Snapshot
- View Snapshots

System Setup Services

- Activate Cloud Resource
- Add Network
- Assign Cluster Metric SI Data
- Assign Datacenter Metric SI Data
- Assign Datastore Metric SI Data
- Assign IPAddress SI Data
- Assign Network Metric SI Data
- Assign Resource Pool Metric SI Data
- Assign UCS Metric SI Data
- Clone VM to Template ^{New in IAC 3.1.1}
- Cloud Resource Maintenance
- Cloud SIL Update Channel ID
- Cloud Service Error Remediation
- CloudSync Edit Infrastructure
- Configure Approvals
- Connect Cloud Infrastructure
- Convert VM to Template ^{New in IAC 3.1.1}
- Create POD
- Discover Infrastructure
- Ignore Cloud Resource
- Manage Blade Pools
- Manage Email Templates
- Modify Cloud Administration Organization
- Modify Network Properties
- PO Send Status Email
- Refresh Metrics
- Register Cisco UCS Blade
- Register Cisco UCS VLAN
- Register Cluster
- Register Datacenter
- Register Datastore
- Register Hypervisor Host
- Register Operating System Template
- Register Resource Pool
- Register Service Profile Template
- Register VM Template
- Remove Cisco UCS Blade
- Remove Network
- Remove Operating System Template
- Remove POD
- Remove Service Profile Template
- Remove VM Template
- Set HTTP Agent Configuration
- Set Provisioning Settings
- Set REX Agent Configuration
- Set System-wide Service Options
- Update Service Profile Template
- Validate Email Server
- Validate Cisco Process Orchestrator
- Validate Platform Element
- Validate Share Locations ^{Removed from IAC 3.1.1}
- View Cisco Process Orchestrator

- View Platform Element *Removed from IAC 3.1.1*
- Update Cloud Infrastructure
- Update POD

Tenant Management Services

- Add Cloud Administration Organization
- Add Cloud Administrator
- Add Organization Technical Administrator
- Add User
- Create Organization
- Modify Organization
- Modify User Properties
- Refresh and Update Cloud License **New in IAC 3.1.1**
- Remove Cloud Administrator
- Remove Organization
- Remove Organization Technical Administrator
- Remove User
- View Cloud Connections **New in IAC 3.1.1**
- View Organization Details

Service Extension Points

Commission Server Services

- Decommission Physical Server Post–servicing
- Decommission Physical Server Pre–servicing
- Decommission Virtual Machine Post–servicing
- Decommission Virtual Machine Pre–servicing
- Modify user properties Post–servicing *Removed from IAC 3.1.1*
- Modify user properties Pre–servicing *Removed from IAC 3.1.1*
- Order a Physical Server Post–servicing
- Order a Physical Server Pre–servicing
- Order a VM and Install an OS Post–servicing
- Order a VM and Install an OS Pre–servicing
- Order a Virtual Machine From Template Post–servicing
- Order a Virtual Machine From Template Pre–servicing

Shared Provider Zone Services

- Create Shared Zone Post–servicing **New in IAC 3.1.1**
- Create Shared Zone Pre–servicing **New in IAC 3.1.1**
- Modify Shared Zone Post–servicing
- Modify Shared Zone Pre–servicing

Virtual Data Center Services

- Add Network to VDC Post–servicing **New in IAC 3.1.1**
- Add Network to VDC Pre–servicing **New in IAC 3.1.1**
- Create Virtual Data Center Post–servicing
- Create Virtual Data Center Pre–servicing
- Decommission Virtual Data Center Post–servicing
- Decommission Virtual Data Center Pre–servicing
- Manage Blade Pools Post–servicing

- Manage Blade Pools Pre–servicing
- Remove Network from VDC Post–servicing
- Remove Network from VDC Pre–servicing

Server Operations Services

- Delete Snapshot Post–servicing
- Delete Snapshot Pre–servicing
- Extend Managed Lease Instance Post–servicing
- Extend Managed Lease Instance Pre–servicing
- Managed Lease Instance Post–servicing
- Managed Lease Instance Pre–servicing
- Modify Configuration Post–servicing
- Modify Configuration Pre–servicing
- Modify VDC Package Post–servicing
- Modify VDC Package Pre–servicing
- Power Cycle Physical Server Post–servicing
- Power Cycle Physical Server Pre–servicing
- Power Cycle Virtual Machine Post–servicing
- Power Cycle Virtual Machine Pre–servicing
- Power Down Physical Server Post–servicing
- Power Down Physical Server Pre–servicing
- Power Down Virtual Machine Post–servicing
- Power Down Virtual Machine Pre–servicing
- Power Up Physical Server Post–servicing
- Power Up Physical Server Pre–servicing
- Power Up Virtual Machine Post–servicing
- Power Up Virtual Machine Pre–servicing
- Revert to Snapshot Post–servicing
- Revert to Snapshot Pre–servicing
- Take Snapshot Post–servicing
- Take Snapshot Pre–servicing

System Setup Services

- Activate Cloud Resource Post–servicing ^{New in IAC 3.1.1}
- Activate Cloud Resource Pre–servicing ^{New in IAC 3.1.1}
- Add Network Post–servicing
- Add Network Pre–servicing
- Assign Cluster Metric SI Data Post–servicing
- Assign Cluster Metric SI Data Pre–servicing
- Assign Datacenter Metric SI Data Post–servicing
- Assign Datacenter Metric SI Data Pre–servicing
- Assign Datastore Metric SI Data Post–servicing
- Assign Datastore Metric SI Data Pre–servicing
- Assign IPAddress SI Data Post–servicing
- Assign IPAddress SI Data Pre–servicing
- Assign Network Metric SI Data Post–servicing
- Assign Network Metric SI Data Pre–servicing
- Assign Resource Pool Metric SI Data Post–servicing
- Assign Resource Pool Metric SI Data Pre–servicing
- Assign UCS Metric SI Data Post–servicing
- Assign UCS Metric SI Data Pre–servicing
- Clone VM to Template Post–servicing ^{New in IAC 3.1.1}

- Clone VM to Template Pre-servicing **New in IAC 3.1.1**
- CloudSync Edit Infrastructure Post-servicing **New in IAC 3.1.1**
- CloudSync Edit Infrastructure Pre-servicing **New in IAC 3.1.1**
- Configure Approvals Post-servicing **New in IAC 3.1.1**
- Configure Approvals Pre-servicing **New in IAC 3.1.1**
- Connect Cloud Infrastructure Post-servicing
- Connect Cloud Infrastructure Pre-servicing
- Convert VM to Template Post-servicing **New in IAC 3.1.1**
- Convert VM to Template Pre-servicing **New in IAC 3.1.1**
- Create POD Post-servicing
- Create POD Pre-servicing
- Decline Post-servicing *Removed from IAC 3.1.1*
- Decline Pre-servicing *Removed from IAC 3.1.1*
- Discover Infrastructure Post-servicing
- Discover Infrastructure Pre-servicing
- Email Template Management Post-servicing
- Email Template Management Pre-servicing
- Ignore Cloud Resource Post-servicing **New in IAC 3.1.1**
- Ignore Cloud Resource Pre-servicing **New in IAC 3.1.1**
- Maintenance Post-servicing
- Maintenance Pre-servicing
- Manage Approvals Post-servicing *Removed from IAC 3.1.1*
- Manage Approvals Pre-servicing *Removed from IAC 3.1.1*
- Manage Blade Pools Post-servicing
- Manage Blade Pools Pre-servicing
- Modify Cloud Admin Organization Post-servicing
- Modify Cloud Admin Organization Pre-servicing
- Modify Network Properties Post-servicing
- Modify Network Properties Pre-servicing
- Refresh Metrics Post-servicing
- Refresh Metrics Pre-servicing
- Register Cisco UCS Blade Post-servicing
- Register Cisco UCS Blade Pre-servicing
- Register Cisco UCS VLAN Post-servicing
- Register Cisco UCS VLAN Pre-servicing
- Register Cluster Post-servicing
- Register Cluster Pre-servicing
- Register Datacenter Post-servicing
- Register Datacenter Pre-servicing
- Register Datastore Post-servicing
- Register Datastore Pre-servicing
- Register Hosts Post-servicing
- Register Hosts Pre-servicing
- Register Operating System Template Post-servicing
- Register Operating System Template Pre-servicing
- Register Resource Pool Post-servicing
- Register Resource Pool Pre-servicing
- Register Service Profile Template Post-servicing
- Register Service Profile Template Pre-servicing
- Register VM Template Post-servicing
- Register VM Template Pre-servicing
- Remove Cisco UCS Blade Post-servicing
- Remove Cisco UCS Blade Pre-servicing
- Remove Network Post-servicing

- Remove Network Pre-servicing
- Remove Operating System Template Post-servicing
- Remove Operating System Template Pre-servicing
- Remove POD Post-servicing
- Remove POD Pre-servicing
- Remove Service Profile Template Post-servicing
- Remove Service Profile Template Pre-servicing
- Remove VM Template Post-servicing
- Remove VM Template Pre-servicing
- Set HTTP Agent Configuration Post-servicing
- Set HTTP Agent Configuration Pre-servicing
- Set Provisioning Settings Post-servicing
- Set Provisioning Settings Pre-servicing
- Set REX Agent Configuration Post-servicing
- Set REX Agent Configuration Pre-servicing
- Set System-wide Service Options Post-servicing
- Set System-wide Service Options Pre-servicing
- Update Cloud Infrastructure Post-servicing
- Update Cloud Infrastructure Pre-servicing
- Update POD Post-servicing
- Update POD Pre-servicing
- Update Service Profile Template Post-servicing
- Update Service Profile Template Pre-servicing
- Validate Email Server Status Post-servicing
- Validate Email Server Status Pre-servicing
- Validate Orchestration Status Post-servicing
- Validate Orchestration Status Pre-servicing
- Validate Platform Element Status Post-servicing
- Validate Platform Element Status Pre-servicing
- Validate Share Locations Status Post-servicing *Removed from IAC 3.1.1*
- Validate Share Locations Status Pre-servicing *Removed from IAC 3.1.1*
- View Orchestration Status Post-servicing
- View Orchestration Status Pre-servicing
- View Platform Element Post-servicing *Removed from IAC 3.1.1*
- View Platform Element Pre-servicing *Removed from IAC 3.1.1*
- View Platform Element Status Post-servicing **New in IAC 3.1.1**
- View Platform Element Status Pre-servicing **New in IAC 3.1.1**

Tenant Management Services

- Add Cloud Administration Organization Post-servicing
- Add Cloud Administration Organization Pre-servicing
- Add Cloud Administrator Post-servicing
- Add Cloud Administrator Pre-servicing
- Add Organization Technical Admin Post-servicing
- Add Organization Technical Admin Pre-servicing
- Add User Post-servicing
- Add User Pre-servicing
- Create Organization Post-servicing
- Create Organization Pre-servicing
- Modify Organization Post-servicing **New in IAC 3.1.1**
- Modify Organization Pre-servicing **New in IAC 3.1.1**
- Modify User Properties Post-servicing **New in IAC 3.1.1**
- Modify User Properties Pre-servicing **New in IAC 3.1.1**

- [Remove Cloud Administrator Post-servicing](#)
- [Remove Cloud Administrator Pre-servicing](#)
- [Remove Organization Post-servicing](#)
- [Remove Organization Pre-servicing](#)
- [Remove Organization Technical Admin Post-servicing](#)
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