

New and Changed APIs for Cisco UCS Director, Release 6.0

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New and Changed APIs in the Current Release

Overview

This guide provides the list of new and changed APIs for the current release.

- [JSON REST API](#)—Provides a list of the changes made to the JavaScript Object Notation (JSON) REST APIs.
- [XML REST API](#)—Provides a list of the classes that were added to the XML REST APIs. This section also provides information about new and modified input and output parameters for those classes.
- [Internal API](#)—Provides a list of modified and deleted methods for the pojos of the internal APIs.
- [Java Reports](#)—Provides a list of reports in which new columns are added for the current release.

JSON REST API

There is no change in JSON REST APIs for Release 6.0 compared with Release 5.5.

XML REST API

This section provides a list of classes that are newly added for the current release. Also, this section provides the number of newly added and modified input and output parameters of the classes for Release 6.0 in comparison with Release 5.5.

New API

The following table provides the list of newly added XML REST APIs for Release 6.0 in comparison with Release 5.5.

API Name	Parameters
AddPhysicalNetworkDeviceConfig	<pre>private String podName; private String deviceCategory; private String serverAddress; private String protocol = "ssh"; private int port = 22; private String username; private String password; private String enablePassword; private long actionId; private long configEntryId;</pre>
BaremetalProvisioningWrapperConfig	<pre>private long configEntryId; private long actionId; private boolean useExplicitPolicy = false; private int bmPolicyId;</pre>
CIMCAaaUserPolicy	<pre>private String accountName; private String serverIP; private String dn; private String userPasswordPolicy; private String passwordPolicyRules;</pre>

API Name	Parameters
CIMCZoning	<pre>private long configEntryId; private long actionId; private String accountName; private String serverIP; private String slot; private String presence; private String health; private String blockcount; private String blocksize; private String diskstate; private String drivePowerPolicy; private String expander1linkspeed; private String expander2linkspeed; private String fwUpdateOperState; private String fwUpdateProgress; private String ownership; private String productId; private String revision; private String sasaddress1; private String sasaddress2; private String serial; private String size; private String vendor;</pre>
ConfigureHostNameConfig	<pre>private long configEntryId; private long actionId; private String netdevice; private String vdcName; private String hostName; private boolean copyRunToStartConfig = true;</pre>
CreateSecurityDomainConfig	<pre>private long configEntryId; private long actionId; private String apicAccount; private String securityDomain; private String description;</pre>

API Name	Parameters
CreateVRFConfig	<p>Request</p> <p>No Difference</p> <p>Response</p> <pre>CustomActionRegistry.getInstance().registerDefinition(CustomActionRegistry.getInstance().registerDefinition(new WFTaskDefinition(WorkflowCategories. CATEGORY_CISCO_NETWORK_TASKS, CreateVRFConfig.HANDLER_NAME, CreateVRFConfig.HANDLER_LABEL, CreateVRFConfig.class, new CreateVRFHandler()) .withOutput(OP_DATACENTER).withOutput(OP_DEVICE_IP) .withOutput(OP_NET_DEVICE) .withOutput(OP_VRF).withOutput(OP_VRF_IDENTITY) .withOutput(OP_DOMAIN_NAME)); CustomActionRegistry.getInstance().registerDefinition(new WFTaskDefinition(WorkflowCategories. CATEGORY_CISCO_NETWORK_TASKS, CreateVRFConfig.HANDLER_NAME, CreateVRFConfig.HANDLER_LABEL, CreateVRFConfig.class, new CreateVRFHandler()) .withOutput(OP_DATACENTER) .withOutput(OP_DEVICE_IP).withOutput(OP_NET_DEVICE) .withOutput(OP_VRF).withOutput(OP_VRF_IDENTITY) .withOutput(OP_DOMAIN_NAME));</pre>
DeleteHostNameConfig	<pre>private long configEntryId; private long actionId; private String netdevice; private String vdcName; private String hostName; private boolean copyRunToStartConfig = true;</pre>
DeleteMultipleVMConfig	<pre>private long actionId; private long configEntryId; private String vmId;</pre>
DeletePasswordResetConfig	<pre>private long configEntryId; private long actionId; private String userName;</pre>
DeleteSecurityDomainConfig	<pre>private long configEntryId; private long actionId; private String securityDomains;</pre>

API Name	Parameters
DeleteVRFConfig	private long configEntryId; private long actionId; private String netdevice; private String vdcName; private String contextName; private boolean copyRunToStartConfig;
DeviceHostEntry	private String datacenter; private String deviceIp; private String hostName; private String context;
DeviceHostInfo	private String datacenter; private String deviceIp; private String vrfName; private String defaultDomain; private String nameServers; private String context;
DeviceNTPConfiguration	private String datacenter; private String deviceIp; private String serverIP; private String type; private String context;
EMCXtremIOAttachTagConfig	private long configEntryId; private long actionId; private String accountIdentity; private String resourceType; private String volumeIdentity; private String cgIdentity; private String snapshotSetIdentity; private String initiatorsGroupIdentity; private String initiatorIdentity; private String tagIdentity;

API Name	Parameters
EMCXtremIOConsistencyGroupTagListReportPojo	private String accountName; private String dcName; private String cgName; private String tagIndex; private String tagName;
EMCXtremIOCreateTagConfig	private long configEntryId; private long actionId; private String accountIdentity; private String name; private String objectType; private String nestTagUnder;
EMCXtremIODeleteTagConfig	private long configEntryId; private long actionId; private String tagIdentity;
EMCXtremIODetachTagConfig	private long configEntryId; private long actionId; private String accountIdentity; private String resourceType; private String volumeIdentity; private String cgIdentity; private String snapshotSetIdentity; private String initiatorsGroupIdentity; private String initiatorIdentity; private String tagIdentity;
EMCXtremIOInitiatorGroupTagListReportPojo	private String accountName; private String dcName; private String initiatorGroupName; private String tagIndex; private String tagName;

API Name	Parameters
EMCxtremIOInitiatorTagListReportPojo	private String accountName; private String dcName; private String initiatorName; private String tagIndex; private String tagName;
EMCxtremIORenameTagConfig	private long configEntryId; private long actionId; private String tagIdentity; private String tagCaption;
EMCxtremIOScheduleTagListReportPojo	private String accountName; private String dcName; private String scheduleName; private String tagIndex; private String tagName;
EMCxtremIOSchedulerTagListReportPojo	private String accountName; private String dcName; private String scheduleName; private String tagIndex; private String tagName;
EMCxtremIOSnapshotSetTagListReportPojo	private String accountName; private String dcName; private String snapshotSetName; private String tagIndex; private String tagName;
EMCxtremIOTagObjectsReportPojo	private String accountName; private String dcName; private String objectType; private String objectName; private String caption; private String objectIndex;

API Name	Parameters
EMCXtremIOTagsReportPojo	private String accountName; private String dcName; private String name; private String guid; private String index; private String caption; private String objectType; private List< List < String > > objectList;
EMCXtremIOVolumeTagListReportPojo	private String accountName; private String dcName; private String volumeName; private String tagIndex; private String tagName;
EMCXtremeIODisableSchedulersConfig	private long configEntryId; private long actionId; private String scheduleState; private String schedulerIdentity;
EMCXtremeIOEnableSchedulersConfig	private long configEntryId; private long actionId; private String schedulerIdentity;
GetAPICSecurityRulesConfig	private long configEntryId; private long actionId; private String srcNetwork; private String destNetwork;
HypervEditVMCloudConfig	private boolean assignVmToCloud=true; private int vmId = -1; private String cloud; private long actionId; private long configEntryId;

API Name	Parameters
ModifyUserPasswordSecuredConfig	<pre>private String loginName; private String currentLoginPassword; private String newPassword; private String confirmPassword; private long actionId; private long configEntryId;</pre>
PasswordResetConfig	<pre>private long configEntryId; private long actionId; private String netdevice; private String userName; private String password;</pre>
PushNTPConfigurationsConfig	<p>Request No Difference</p> <p>Response</p> <pre>CustomActionRegistry.getInstance().registerDefinition(CustomActionRegistry.getInstance() .registerDefinition(new WFTaskDefinition (WorkflowCategories.CATEGORY_CISCO_NETWORK_TASKS, PushNTPConfigurationsConfig.HANDLER_NAME, PushNTPConfigurationsConfig.HANDLER_NAME, PushNTPConfigurationsConfig.class, new PushNTPConfigurationsHandler()) .withOutput(OP_DATACENTER) .withOutput(OP_DEVICE_IP).withOutput(OP_NET_DEVICE) .withOutput(OP_NTP_SERVER_IP) .withOutput(OP_NTP_STRATUM_NUMBER) .withOutput(OP_NTP_SERVER_IP_IDENTITY)); CustomActionRegistry.getInstance().registerDefinition(new WFTaskDefinition(WorkflowCategories. CATEGORY_CISCO_NETWORK_TASKS, PushNTPConfigurationsConfig.HANDLER_NAME, PushNTPConfigurationsConfig.HANDLER_NAME, PushNTPConfigurationsConfig.class, new PushNTPConfigurationsHandler()).withOutput(OP_DATACENTER) .withOutput(OP_DEVICE_IP).withOutput(OP_NET_DEVICE) .withOutput(OP_NTP_SERVER_IP) .withOutput(OP_NTP_STRATUM_NUMBER) .withOutput(OP_NTP_SERVER_IP_IDENTITY));</pre>

API Name	Parameters
RemoveNTPConfigurationsConfig	private long configEntryId; private long actionId; private String ntpServerIP; private boolean copyRunToStartConfig = true;

APIs with Newly Added Parameters

The following table provides the list of newly added parameters of XML REST APIs for Release 6.0 in comparison with Release 5.5.

API Name	Newly Added Parameters
AddBmaAccountConfig	private String sambaPassword; private String reconfirmSambaPassword;
CIMCDiscoveredDevice	private String description = "N/A"; private String contact = "N/A"; private String location = "N/A"; private String rackGroup = "N/A"; private String tagPair;
CIMCServer	private String virtualMgmtIp; private String dataModel; private String serverId;
CIMCServerUtilizationHistory	private String apiDaysWithAccountName; private String apiDaysWithServerIP;
CIMCStorageLocalDisk	private String controllerSerial;
CIMCStorageVirtualDrive	private String controllerSerial;
ConfigureAccessConfig	private String desc;
CreateVLANConfig	private boolean noShut = false;
DeleteHadoopClusterProfileConfig	private String clusterID; private String tblflag;
DeviceModuleInfo	private String xBarID;
EMCXtremIOConsistencyGroupVolumesReportPojo	private List cgTagInfo;

API Name	Newly Added Parameters
EMCxtremeIOSchedulersReportPojo	private List< List < String > > tag_list; private List scheduleTagInfo;
EMCxtremeIOSnapshotSetsReportPojo	private List< List < String > > tag_list; private List snapSetTagInfo;
EMCxtremeIOVolumeReportPojo	private List< List < String > > tag_list; private List volumeTagInfo;
EMCxtremeIoInitiatorGroup	private List< List < String > > tag_list; private List initiatorGroupInfo;
HypervCreateIPPoolConfig	private String vipAddresses; private String reservedAddresses;
HypervCreateIPPoolOnVMNetworkConfig	private String reservedAddresses;
IBMMdiskInfo	private String enclosure_id;
NetAppAssignClusterAggregateToUserGroupConfig	private boolean assignToUsers;
NetAppAssignClusterVolumeToUserGroupConfig	private boolean assignToUsers;
UcsNetworkControlPolicy	private String descr;
VDCCatalogItem	private boolean serviceRequestSupportEmailflag;
VPCDomainConfig	private String delayRestore; private boolean peerGateway = false; private boolean autoRecovery = false;

Internal API

The internal APIs are used in the custom task. This section provides the summary of changes applied to the methods of internal APIs for the current release.

Modified Methods

The following table provides the list of methods modified for internal APIs for Release 6.0 in comparison with Release 5.5.

Pojo Name	Method
com/cloupia/service/cim/inframgr/AuthorizationPersistenceUtil.java	void addRoleActionMappings(List<UserRole> roles)=> void addRoleActionMappings()
com/cloupia/service/cim/inframgr/resourceGroups/ResourceGroupsUtil.java	String formatContainerNameForRollBack(String incomingContainerName, String dbContainerName)=> String formatContainerNameForRollBack(String dbContainerName, String tenantName)
com/cloupia/service/cim/inframgr/LocaleUserManager.java	void addUserLocale(String username)=> void addUserLocale(String userName)
com/cloupia/service/cim/tree/AccountListener.java	void validateAccount(InfraAccount Acc)=> void validateAccount(InfraAccount acc, boolean isCreateOperation)
com/cloupia/service/cim/tree/VXLANPoolPolicyListner.java	void validavxLANRange(String vlanRange)=> void validavxLANRange(String vxlanRange)

Deleted Methods

The following table provides the list of methods deleted from internal APIs for Release 6.0 in comparison with Release 5.5.

Pojo Name	Deleted Methods
com/cloupia/service/cim/inframgr/automation/PlayTestRemoteInterface.java	List<String> getDBConnectionParams()
com/cloupia/service/cim/inframgr/LdapInfraPersistenceUtil.java	UserAccessProfile getUapProfilesBasedOnGrp(String loginProfileName, int filteredGrpId, String groupName, String domainName)
com/cloupia/service/cim/tree/VXLANPoolPolicyListner.java	boolean validateDCName(String dcName)

Java Reports

This section provides a list of Java reports to which columns are newly added for the current release.

Java Reports with New Columns

The following table provides the list of Java reports to which columns are newly added for Release 6.0 in comparison with Release 5.5.

Java Reports	Columns
GroupsCatalogTabularReport	<ul style="list-style-type: none"> • Menu ID • Label • Operation • Path • Filler Column • Parent ID
DeviceHostsInfoTabularReport	<ul style="list-style-type: none"> • ID • Pod • Device IP • VRF Name • Default Domain • Name Servers
DeviceModulesTabularReport	<ul style="list-style-type: none"> • XBar ID
DeviceNTPPeersTabularReport	<ul style="list-style-type: none"> • ID • Pod • Device IP • NTP Server IP • Server/Peer
DeviceVRFTabularReport	<ul style="list-style-type: none"> • ID • Pod • Device IP • VRF • VRF ID • State • Reason

Java Reports	Columns
EMCxtremIOInitiatorTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Initiator Name • Tag Name • Tag Index
EMCxtremIOSchedulerTagsMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Schedule Name • Tag Name • Tag Index
EMCxtremIOSnapshotSetTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Snapshot Set Name • Tag Name • Tag Index
EMCxtremIOSnapshotTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Volume Name • Tag Name

Java Reports	Columns
EMCxtremIO Tag Tabular Report	<ul style="list-style-type: none">• Unique ID• DC Name• Account Name• Tag Name• Caption• GUID
EMCxtremIO Tags Drill Down Info Report	<ul style="list-style-type: none">• Unique ID• DC Name• Account Name• Tag Name• Volume Name• Volume Index• CG Name• CG Index• Snapshot Set Name• Snapshot Set Index• Initiator Group Name• Initiator Group Index• Scheduler Name• Scheduler Index• Object Name• Object Index

Java Reports	Columns
EMCXtremIOTagsReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Caption • Name • Index • GUID • ObjectType
EMCXtremIOVolumeTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Volume Name • Tag Name • Tag Index
EMCXtremIOConsistencyGroupTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Consistency Group Name • Tag Name • Tag Index
EMCXtremIOConsistencyGroupVolumesReport	<ul style="list-style-type: none"> • Tag Count
EMCXtremIOInitiatorGroupInfoReport	<ul style="list-style-type: none"> • Tag Count

Java Reports	Columns
EMCXtremeIOInitiatorGroupTagMappingInfoReport	<ul style="list-style-type: none"> • Unique ID • DC Name • Account Name • Initiator Group Name • Tag Name • Tag Index
EMCXtremeIOInitiatorsReport	<ul style="list-style-type: none"> • Tag Count
EMCXtremeIOSnapshotSetsReport	<ul style="list-style-type: none"> • Tag Count
EMCXtremeIOVolumeReport	<ul style="list-style-type: none"> • Tag Count
GroupServersListReport	<ul style="list-style-type: none"> • Association Status
HXNodeVersionSnapshotReport	<ul style="list-style-type: none"> • Host Name • Host IP • Hosts Version
HyperFlexAccountReport	<ul style="list-style-type: none"> • ID • Account Name • DC Name • HX Cluster IP • Server information
HyperFlexDatastorePopupReport	<ul style="list-style-type: none"> • ID • Datstore Name • Account Name • DC Name • Free Capacity • Total Capacity

Java Reports	Columns
HyperFlexPodDatacenterAndClusterDiscoveryReport	<ul style="list-style-type: none"> • Property ID • Label • Requires License • Description • Filler Column • Parent Property ID • Additional Info
HyperFlexSRDetailsReport	<ul style="list-style-type: none"> • Entry ID • Asset Label • Service Request Id • Asset Type • Asset ID • Change Description • Change Type
HyperFlexVMsPerClusterReport	<ul style="list-style-type: none"> • Cloud Name • VM-ID • User Label • VM Name • Host Name • IP Address • Image Id • Host Node • Power Status • Group Name • Virtual Data Center • Provisioned Time • Scheduled Termination Time • Last Status Update • Guest OS Type

Java Reports	Columns
HyperflexClusterDrillDownEsxiHosts	<ul style="list-style-type: none"> • ID • Pod • AccountName • Cluster UUID • IP Address • Address • St Service • Vlan Id • GateWay • SubnetMask • Method
HyperflexClusterDrillDownInfo	<ul style="list-style-type: none"> • Unique ID • Pod • AccountName • Name • #Nodes • Ddata Replication Factor • Access Policy • Workload Type • vCenter Datacenter Name • vCenter Cluster Name • VCenterURL • vCenter SSO URL • VCenter Datacenter Mor • VCenter Cluster Mor
HyperflexClusterDrillDownVMTemplates	<ul style="list-style-type: none"> • Cloud Name • Image ID • Image Name

Java Reports	Columns
HyperflexClusterInfoReport	<ul style="list-style-type: none"> • Unique ID • Pod • AccountName • Cluster Name • HX Cluster Name • Datacenter Name • Cluster UUID • Status • Health State • Management IP • Storage IP • Raw Capacity(GB) • Usable Capacity(GB) • Used Capacity(GB) • Free Capacity(GB) • Provisioned • Over Provisioned • Replication Factor • Resiliency Status • Converged Nodes • Nodes • Policy Compliance • Space Status • Access Policy • Reason • Up Time • Down Time • Resiliency Details

Java Reports	Columns
HyperflexCompleteControllerNodeReport	<ul style="list-style-type: none"> • Unique ID • Pod • AccountName • Cluster • Host IP • Host Name • Controller VM Mor • VM UUID • Controller VM Name • Management IP • Storage IP • Management VLAN ID • Storage VLAN ID • State • Role • Version • Controller VM Host Name • Controller VM Guest State • Passthrough • Host Status
HyperflexControlNodesReport	<ul style="list-style-type: none"> • Unique ID • Pod • AccountName • Cluster UUID • IP Address • Address • St Service • Vlan Id • Gateway • SubnetMask • Method

Java Reports	Columns
HyperflexDatastoreReport	<ul style="list-style-type: none">• Unique ID• ID• Pod• Account Name• Datastore Name• HX Datastore Name• Datacenter Name• Capacity(GB)• Total Capacity(GB)• Free Capacity(GB)• Unshared Used Bytes• UnCompressed Used Bytes• System Datastore• Mirrors• Mount Status• Accessible Status• Hosts Mounted• URL• vCenter Datastore• Datastore Mor

Java Reports	Columns
HyperflexDisksReport	<ul style="list-style-type: none"> • Unique ID • Pod • Cluster • AccountName • Host IP • Slot • Disk Name • Path • Disk Type • Serial Number • Raw Capacity(GB) • Used Capacity(GB) • State • Status • Usage • Model • Version • Vendor
HyperflexEsxiDrillDown	<ul style="list-style-type: none"> • ID • Account Name • Cluster Name • Host Name • Memory Size (GB) • CPU Description • Hardware Model • CPU Cores • CPU Sockets • CPU (GHz) • Power Status

Java Reports	Columns
HyperflexVmsPodReport	<ul style="list-style-type: none"> • Cloud Name • VM-ID • User Label • VM Name • Host Name • IP Address • Image Id • Host Node • Power Status • Group Name • Guest OS Type
NxosDeviceHostNameTabularReport	<ul style="list-style-type: none"> • Identity • Pod • Device IP • Host Name
PasswordResetUserNameTabularReport	<ul style="list-style-type: none"> • Identity • Pod • Device IP • UserName
UcsSPVHBATabularReport	VCON
UcsSPVNICTabularReport	VCON
UnpubUcsChassisStorageVDScsiLunReportPerDC	<ul style="list-style-type: none"> • ID • Account Name • DN • Lun Name • Assigned To Server • Profile Name • Service Profile

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