



Cisco Cloud Network Controller Error Codes

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Cisco Cloud Network Controller Error Codes

This section describes the Cisco Cloud Network Controller error codes.

Table 1: Cisco Cloud Network Controller Error Codes

Component	Error Code	Constraint
cloud-template	CT_INFRANETWORK_COUNT	The count of the cloudtemplateInfraNetwork MO is at most 1
cloud-template	CT_INFRANETWORK_COUNT	The count of the cloudtemplateInfraNetwork MO is at most 1
cloud-template	CT_INFRANETWORK_VRF	In the cloudtemplateInfraNetwork MO, the vrfName must be overlay-1
cloud-template	CT_INFRANETWORK_PARENT	For the cloudtemplateInfraNetwork MO, the parent MO must be uni/tn-infra
cloud-template	CT_INFRANETWORK_NUMROUTERSPERREGION_MINIMUM	In the cloudtemplateInfraNetwork MO, for the attribute numRoutersPerRegion, the minimum allowed value is 2

Component	Error Code	Constraint
cloud-template	CT_INFRANETWORK_NUMROUTERSPERREGION_MAXIMUM	In the <code>cloudtemplateInfraNetwork</code> MO, for the attribute <code>numRoutersPerRegion</code> , the maximum allowed value is 4
cloud-template	CT_INFRANETWORK_NUMREMOTESITESUBNETPOOL_MINIMUM	In the <code>cloudtemplateInfraNetwork</code> MO, for the attribute <code>numRemoteSiteSubnetPool</code> , the minimum allowed value is 2
cloud-template	CT_INFRANETWORK_NUMREMOTESITESUBNETPOOL_MAXIMUM	In the <code>cloudtemplateInfraNetwork</code> MO, for the attribute <code>numRemoteSiteSubnetPool</code> , the maximum allowed value is 2
cloud-template	CT_INTNETWORK_COUNT	The count of the <code>cloudtemplateIntNetwork</code> MO is at most 1
cloud-template	CT_EXTNETWORK_COUNT	The count of the <code>cloudtemplateExtNetwork</code> MO is at most 1
cloud-template	CT_VPNNETWORK_COUNT	The count of the <code>cloudtemplateVpnNetwork</code> MO is at most 1
cloud-template	CT_OSPF_COUNT	The count of the <code>cloudtemplateOspf</code> MO is at most 1
cloud-template	CT_INTNETWORK_REGION_MATCH	The regions specified by <code>cloudRegionName</code> under <code>cloudtemplateIntNetwork</code> must have a corresponding <code>cloudRegion</code> under <code>cloudProvP</code>
cloud-template	CT_INTNETWORK_REGION_MANAGED	The regions specified by the <code>cloudRegionName</code> children of <code>cloudtemplateIntNetwork</code> must have corresponding <code>cloudRegion</code> with <code>adminSt</code> as <code>managed</code>

Component	Error Code	Constraint
cloud-template	CT_INTNETWORK_REGION_MAXIMUM	The maximum number of regions (cloudRegionName) specified under cloudtemplateIntNetwork is 4
cloud-template	CT_EXTNETWORK_REGION_SUBSET	The regions that are specified by the cloudRegionName children of cloudtemplateExtNetwork must also be specified by cloudRegionName children under cloudtemplateIntNetwork
cloud-template	CT_EXTSUBNETPOOL_COUNT	The count of the cloudtemplateExtSubnetPool is at most 1
cloud-template	CT_EXTSUBNETPOOL_SUBNETPOOL_ADDRESS	In cloudtemplateExtSubnetPool, the subnetpool must contain a network address
cloud-template	CT_EXTSUBNETPOOL_SUBNETPOOL_IP_VERSION	In cloudtemplateExtSubnetPool, the subnetpool must contain a IPv4 address
cloud-template	CT_EXTSUBNETPOOL_SUBNETPOOL_ADDRESS_TYPE	In cloudtemplateExtSubnetPool, the subnetpool IP address must not from multicast or loopback address space
cloud-template	CT_EXTSUBNETPOOL_SUBNETPOOL_MINIMUM_SIZE	In cloudtemplateExtSubnetPool, the subnetpool must be at least /22 (the netmask must be 22 or less)

Component	Error Code	Constraint
cloud-template	CT_INTNETWORK_MISSING_HOME	If there are any <code>cloudRegionName</code> under <code>cloudtemplateIntNetwork</code> , then one of the <code>cloudRegonName</code> must be associated to a region that is the home region of the Cisco Cloud Network Controller (<code>capicDeployed</code>)
cloud-template	CT_CLOUD_APICSUBNETPOOL_INSUFFICIENT	There must be enough <code>cloudApicSubnetPool</code> MOs to generate <code>cloudApicSubnet</code> MOs so that all the <code>cloudRegionName</code> MOs specified under <code>cloudtemplateIntNetwork</code> can be associated to a unique <code>cloudApicSubnet</code> MO. The subnets from the <code>cloudApicSubnet</code> MOs are used as the CIDRs in the <code>cloudCtxProfile</code> of the corresponding region.
cloud-template	CT_IPSECTUNNEL_PEERADDR_IP_VERSION	In <code>cloudtemplateIpSecTunnel</code> , the <code>peeraddr</code> must contain a IPv4 address
cloud-template	CT_IPSECTUNNEL_PEERADDR_IS_HOST	In <code>cloudtemplateIpSecTunnel</code> , the <code>peeraddr</code> must be host address (i.e. /32)
cloud-template	CT_PROFILE_COUNT	The count of the <code>cloudtemplateProfile</code> MO is at most 1
cloud-template	CT_PROFILE_DELETE	The <code>cloudtemplateProfile</code> MO cannot be deleted unless its parent <code>cloudtemplateInfraNetwork</code> is also deleted
cloud-template	CT_PROFILE_ROUTERUSERNAME_NONEMPTY	In <code>cloudtemplateProfile</code> , the <code>routerUsername</code> must be non-empty

Component	Error Code	Constraint
cloud-template	CT_PROFILE_ROUTERPASSWORD_NONEMPTY	In cloudtemplateProfile, the routerPassword must be non-empty
cloud-template	CT_PROFILE_ROUTERUSERNAME_MODIFY	In cloudtemplateProfile, the routerUsername cannot be modified when there are routers deployed in any region, i.e. any cloudRegionName under cloudtemplateIntNetwork (The modification is allowed when there are no router deployments in any region)
cloud-template	CT_PROFILE_ROUTERPASSWORD_MODIFY	In cloudtemplateProfile, the routerPassword cannot be modified when there are routers deployed in any region, i.e. any cloudRegionName under cloudtemplateIntNetwork (The modification is allowed when there are no router deployments in any region)
cloud-template	CT_PROFILE_ROUTERTHROUGHPUT_MODIFY	In cloudtemplateProfile, the routerThroughput cannot be modified when there are routers deployed in any region, i.e. any cloudRegionName under cloudtemplateIntNetwork (The modification is allowed when there are no router deployments in any region)
cloud	CT_APICSUBNET_INVALID_HOME_REGION	In a cloudApicSubnet MO, the region marked for capicDeployed must be a valid region

Component	Error Code	Constraint
cloud	CT_APICSUBNET_REPEATED_REGION	In a <code>cloudApicSubnet</code> MO, a region can be associated with at most 1 subnet
cloud	CT_APICSUBNET_MULTIPLE_HOME_REGION	In <code>cloudApicSubnet</code> MOs, at most, 1 region may have <code>capicDeployed</code> as true
cloud	CLOUD_APICSUBNETPOOL_CREATEDBY_USER	In <code>cloudApicSubnetPool</code> , the <code>createdBy</code> attribute must be USER
cloud	CLOUD_APICSUBNETPOOL_SUBNET_IP_VERSION	In <code>cloudApicSubnetPool</code> , the subnet must contain a IPv4 address
cloud	CLOUD_APICSUBNETPOOL_SUBNET_SIZE	In <code>cloudApicSubnetPool</code> , the subnet must be /24
cloud	CLOUD_APICSUBNETPOOL_DELETE_USAGE	A <code>cloudApicSubnetPool</code> cannot be deleted if at least one of its <code>cloudApicSubnet</code> child is in use by a region
cloud	CLOUD_APICSUBNETPOOL_DELETE_CREATEDBY	A <code>cloudApicSubnetPool</code> whose <code>createdBy</code> attribute is not USER cannot be deleted