



# Cisco Cloud APIC Error Codes

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## Cisco Cloud APIC Error Codes

This section describes the Cisco Cloud APIC error codes.

**Table 1: Cisco Cloud APIC 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 managed

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

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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
cloud-template	CT_PROFILE_ROUTERPASSWORD_NONEMPTY	In <code>cloudtemplateProfile</code> , the <code>routerPassword</code> must be non-empty

Component	Error Code	Constraint
cloud-template	CT_PROFILE_ROUTERUSERNAME_MODIFY	In <code>cloudtemplateProfile</code> , the <code>routerUsername</code> cannot be modified when there are routers deployed in any region, i.e. any <code>cloudRegionName</code> under <code>cloudtemplateIntNetwork</code> (The modification is allowed when there are no router deployments in any region)
cloud-template	CT_PROFILE_ROUTERPASSWORD_MODIFY	In <code>cloudtemplateProfile</code> , the <code>routerPassword</code> cannot be modified when there are routers deployed in any region, i.e. any <code>cloudRegionName</code> under <code>cloudtemplateIntNetwork</code> (The modification is allowed when there are no router deployments in any region)
cloud-template	CT_PROFILE_ROUTERTHROUGHPUT_MODIFY	In <code>cloudtemplateProfile</code> , the <code>routerThroughput</code> cannot be modified when there are routers deployed in any region, i.e. any <code>cloudRegionName</code> under <code>cloudtemplateIntNetwork</code> (The modification is allowed when there are no router deployments in any region)
cloud	CT_APICSUBNET_INVALID_HOME_REGION	In a <code>cloudApicSubnet</code> MO, the region marked for <code>capicDeployed</code> must be a valid region
cloud	CT_APICSUBNET_REPEATED_REGION	In a <code>cloudApicSubnet</code> MO, a region can be associated with at most 1 subnet

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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