Locating CSR and Tenant Information

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There are several pieces of Cisco Cloud Services Router (CSR) and tenant information that you need to enable connectivity between the Cloud APIC and the ISN devices. You should be able to get this information through ACI Multi-Site Orchestrator (**Sites** > **Configure Infra** > **Download IPN Device Config files only**). However, if you find that you need to manually gather the CSR and tenant information, the following sections provide instructions for locating this information.

Information for the Cloud CSR

Necessary AWS Information	Your Entry	How To Locate This Information in the AWS Site
Elastic IP address of the third network interface of a cloud CSR		1. Go into **Instances** in the EC2 Dashboard in the AWS Management Console. 2. Choose a CSR instances (click the box next to a CSR instance). 3. Scroll down until you see `Network interfaces` on the right side, then click the `eth2` link and locate the IP address shown in the `Public IP address` field.
Public IP address for a cloud CSR		1. Go into **Instances** in the EC2 Dashboard in the AWS Management Console. 2. Locate a CSR instance. 3. Copy the IP address shown in the `IPv4 Public IP` column for that CSR instance.

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Preshared key for a cloud CSR		1. Log into a cloud CSR:
		
		`ssh ip-address`
		
		where *ip-address* is the public IP address for the cloud CSR.
		
		2. Get the crypto keyring information:
		
		`show running-config | include pre-shared-key`
		
		Output similar to the following appears, where the preshared key is highlighted:
		
		`pre-shared-key address 192.0.2.15 key `**`12345678900987654321 1234567890`**

Peer tunnel IP address for the on-premises IPsec device to a cloud CSR		1. Log into a cloud CSR:
		
		`ssh ip-address`
		
		where *ip-address* is the public IP address for the cloud CSR.
		
		2. Enter the following command:
		
		`show ip interface brief | include Tunnel2`
		
		Output similar to the following appears:
		
		`Tunnel2          30.29.1.1    YES NVRAM  up      down`
		
		3. Take the IP address for this tunnel and increment the address by one to get the peer tunnel IP address for the on-premises IPsec device to the cloud CSR.
		
		For example, if the IP address shown in the output is 30.29.1.1, then the peer tunnel IP address for the on-premises IPsec device to the cloud CSR would be 30.29.1.2.

Information for the Infra Tenant

Necessary AWS Information	Your Entry	How To Locate This Information in the AWS Site
Cloud Account ID for infra tenant		Use the AWS account for the infra tenant as described in Deploying the Cloud APIC in AWS.
Cloud Access Key ID and Cloud Secret Access Key for infra tenant		1. Log into the Amazon Web Services account for the infra tenant. 2. Go to IAM. 3. In the left pane, select **Users**. 4. Click the link for your admin account. 5. On the Summary page, click the **Security credentials** tab. 6. Click **Create access key** if you do not already have an Amazon Web Services access key ID. 7. Locate the information from the **Access key ID** and **Secret access key** fields.

Information for the User Tenant

Necessary AWS Information	Your Entry	How To Locate This Information in the AWS Site
Cloud Account ID for Cisco Cloud APIC user tenant		Use the AWS account for the user tenant as described in Setting Up the AWS Account for the User Tenant.
Cloud Access Key ID and Cloud Secret Access Key for Cisco Cloud APIC user tenant		1. Log into the Amazon Web Services account for the user account. 2. Go to IAM. 3. In the left pane, select **Users**. 4. Click the link for your Cloud APIC user tenant account. 5. On the Summary page, click the **Security credentials** tab. 6. Click **Create access key** if you do not already have an Amazon Web Services access key ID. 7. Locate the information from the **Access key ID** and **Secret access key** fields.