# License Management for Cisco Catalyst SD-WAN Cloud Interconnect with Megaport

***Table 1: Feature History***

| Feature Name | Release Information | Description |
|---|---|---|
| License Management for Cisco Catalyst SD-WAN Cloud Interconnect with Megaport | Cisco vManage Release 20.9.1 | To create Interconnect Gateways and Interconnect Connections in the Megaport fabric, you must purchase required licenses on Cisco Commerce workspace.<br>With this feature, Cisco SD-WAN Manager operates together with Megaport to enable you to monitor your licenses while Cisco and Megaport jointly enforce the license requirements when you create Interconnect Gateways or Interconnect Connections. |
| Pay-As-You-Go and IP-Transit License Management for Megaport | Cisco IOS XE Catalyst SD-WAN Release 17.14.1a<br>Cisco Catalyst SD-WAN Manager Release 20.14.1 | This feature introduces support for the pay-as-you-go (PAYG) license type for Megaport services. The PAYG model is a usage-based model which allows you to pay based on consumption. For example, a cloud storage service provider could charge based on the amount of storage used. |

# Information About License Management for Cisco Catalyst SD-WAN Cloud Interconnect with Megaport

With the Cisco Catalyst SD-WAN Cloud Interconnect with Megaport solution, Cisco SD-WAN Manager enables you to create site-to-cloud and site-to-site connections that span the Cisco Catalyst SD-WAN overlay and the Megaport fabric. In the site-to-cloud use case, you can connect a Cisco Catalyst SD-WAN branch site to a public cloud service using the Megaport fabric. In the site-to-site use case, you can connect a Cisco Catalyst SD-WAN branch site to another branch site using the Megaport fabric.

The workflow for creating a site-to-cloud connection using Cisco SD-WAN Manager is as follows:

- Deploy a Cisco Catalyst 8000V instance as an Interconnect Gateway at a Megaport Point of Presence (PoP).
- Create an Interconnect Connection in the Megaport fabric between the Interconnect Gateway and the cloud service provider.
- Route traffic from the WAN edge device at the branch to the Interconnect Gateway through the Cisco Catalyst SD-WAN overlay, connecting your branch to the cloud service provider.

The workflow for creating a site-to-site connection using Cisco SD-WAN Manager is as follows:

- Deploy two Cisco Catalyst 8000V instances as Interconnect Gateways at a Megaport Point of Presence (PoP).
- Create an Interconnect Connection in the Megaport fabric between the Interconnect Gateways.
- Route traffic from the WAN edge device at one of the branches to one of the Interconnect Gateways through the Cisco Catalyst SD-WAN overlay.
- Route traffic from the WAN edge device at the other branch to the other Interconnect Gateway through the Cisco Catalyst SD-WAN overlay.

Before you create the Interconnect Gateways and Interconnect Connections in the Megaport fabric, you must purchase the required licenses that are available as Stock Keeping Units (SKUs) on Cisco Commerce workspace. The licenses belong to the following three categories:

- Interconnect Gateway Licenses
- Interconnect Connection Licenses
- Supplemental Licenses

These licenses must be purchased along with the required Cisco Catalyst 8000V licenses and, if necessary, HSEC licenses. If you do not have the required licenses, creation of the Interconnect Gateway or Interconnect Connection fails and Cisco SD-WAN Manager displays an appropriate error message provided by Megaport.

## Interconnect Gateway Licenses

An Interconnect Gateway license enables you to deploy an Interconnect Gateway in any metro of a particular region in the Megaport fabric.

While choosing the Interconnect Gateway license, consider the following aspects:

- Deployment region: Deploy the Interconnect Gateway at a Megaport PoP that is nearest to your branch in that region.
- Form factor: Choose a form factor for the Interconnect Gateway based on the maximum cumulative bandwidth of inbound traffic from all the branches that you intend to connect to the gateway.

The SKUs are named in this format: `MVE-<region-code>-<form-factor-code>-C`

- In Megaport terminology, an Interconnect Gateway is referred to as a Megaport Virtual Edge (MVE).
- The region-code identifies a region, which includes one or more metros. In turn, each metro has multiple data centers for redundancy. The following table lists the available regions, region codes, and the metros within each region.

| Region | Region Code | Metros |
|---|---|---|
| North America | NA | Ashburn, Atlanta, Bay Area, Chicago, Dallas, Denver, Los Angeles, Miami, New York, Phoenix, Seattle, Toronto |
| Europe | EU | Amsterdam, Frankfurt, Paris |
| Asia | ASIA | Hong Kong, Singapore, Osaka, Tokyo |
| Australia | AU | Melbourne, Perth, Sydney |
| New Zealand | NZ | Auckland |
| United Kingdom | UK | London |

**Note**

- The supported metros in a region and supported regions are subject to change based on Megaport expanding to new metros and regions. Check Cisco Commerce workspace for the up-to-date list of supported metros and regions.
- The availability of a metro for Interconnect Gateway deployment is subject to available compute capacity in the metro.

- Use one of the following form factors for the Interconnect Gateway:

| Form Factor | Form Factor Code | Description |
|---|---|---|
| Small | SML | Cisco Catalyst 8000V instance with 2 cores supports a maximum inbound bandwidth of 500 Mbps |
| Medium | MED | Cisco Catalyst 8000V instance with 4 cores supports a maximum inbound bandwidth of 1 Gbps |
| Large | LRG | Cisco Catalyst 8000V instance with 8 cores supports a maximum inbound bandwidth of 5 Gbps |

- -C at the end of a SKU name indicates that it is a prepaid license.

### IP Transit to Interconnect Gateway

Along with the Interconnect Gateway license, purchase a suitable IP transit license on Cisco Commerce workspace. The IP transit license if for the internet connection to the Interconnect Gateway at the Megaport PoP. WAN edge devices at the branches connect to the Interconnect Gateway through this internet connection. When you select an Interconnect Gateway license on Cisco Commerce workspace, the appropriate IP transit license is automatically included for purchase.

The IP transit SKUs are named in this format: `IPT-<region-code>-<form-factor-code>-C`

The region and form-factor codes have the same values as the Interconnect Gateway SKU. -C at the end of the SKU name indicates that it is a prepaid license.

### Related Topics

License Enforcement for Interconnect Gateways, on page 7

# Interconnect Connection Licenses

You can create two types of Interconnect Connections:

- Within a metro in a Megaport region: The Interconnect Connections within a metro are short-haul connections.
- Between metros: The Interconnect Connections between metros are long-haul connections.

Purchase appropriate licenses for both short-haul and long-haul connections on Cisco Commerce workspace.

### Short-Haul Interconnect Connection Licenses

You can create a short-haul Interconnect Connection from an Interconnect Gateway to a Cloud OnRamp instance or to another Interconnect Gateway in the same metro. A short-haul Interconnect Connection acts as a private connect to a cloud service provider within a metro. Short-haul Interconnect Connections have a bandwidth of 1 Gbps or 10 Gbps. Short-haul Interconnect Connections are also referred to as In-Metro (IM) Interconnect Connections.

The short-haul Interconnect Connection SKUs are named in this format:
`VXC-IM-<bandwidth>-<region-code>-C`

- In Megaport terminology, an Interconnect Connection is referred to as a Virtual Cross Connect (VXC). IM denotes In-Metro.
- The region-code identifies a region, which includes one or more metros. In turn, each metro has multiple data centers for redundancy. The following table lists the available regions, region codes, and the metros within each region.

| Region | Region Code | Metros |
|---|---|---|
| North America | NA | Ashburn, Atlanta, Bay Area, Chicago, Dallas, Denver, Los Angeles, Miami, New York, Phoenix, Seattle, Toronto |
| Europe | EU | Amsterdam, Frankfurt, Paris |
| Asia | ASIA | Hong Kong, Singapore, Osaka, Tokyo |
| Australia | AU | Melbourne, Perth, Sydney |
| New Zealand | NZ | Auckland |

| Region | Region Code | Metros |
|---|---|---|
| United Kingdom | UK | London |

**Note** The supported metros in a region and supported regions are subject to change based on Megaport expanding to new metros and regions. Check Cisco Commerce workspace for the up-to-date list of supported metros and regions.

A short-haul Interconnect Connection SKU for a region enables you to create an Interconnect Connection in any metro in the region.

- The bandwidth is 1G (representing 1 Gbps) or 10 G (representing 10 Gbps).
- -C at the end of the SKU name indicates that it is a prepaid license.

### Long-Haul Interconnect Connection Licenses

You can create a long-haul Interconnect Connection in the following cases:

- From an Interconnect Gateway to a Cloud OnRamp instance in a different metro in the same region or another region. The Interconnect Connection acts as a private connect to a cloud service provider across metros or regions.
- From an Interconnect Gateway to another Interconnect Gateway in a different metro in the same region or another region. The Interconnect Connection connects Interconnect Gateways across metros or regions.

Long-haul Interconnect Connections have one of the following bandwidths: 50 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 400 Mbps, 500 Mbps, 1 Gbps, 2 Gbps, 5 Gbps, and 10 Gbps.

Long-haul Interconnect Connections are also referred to as Inter/Intra-Region Interconnect Connections.

The long-haul Interconnect Connection SKUs are named in this format:
`VXC-II-<region1-code>-<region2-code>-C`

- In Megaport terminology, an Interconnect Connection is referred to as a Virtual Cross Connect (VXC). II denotes Inter/Intra-Region.
- A region-code identifies a region, which includes one or more metros. In turn, each metro has multiple data centers for redundancy. The following table lists the available regions, region codes, and the metros within each region.

| Region | Region Code | Metros |
|---|---|---|
| North America | NA | Ashburn, Atlanta, Bay Area, Chicago, Dallas, Denver, Los Angeles, Miami, New York, Phoenix, Seattle, Toronto |
| Europe | EU | Amsterdam, Frankfurt, Paris |
| Asia | ASIA | Hong Kong, Singapore, Osaka, Tokyo |
| Australia | AU | Melbourne, Perth, Sydney |

| Region | Region Code | Metros |
|---|---|---|
| New Zealand | NZ | Auckland |
| United Kingdom | UK | London |

**Note** The supported metros in a region and supported regions are subject to change based on Megaport expanding to new metros and regions. Check Cisco Commerce workspace for the up-to-date list of supported metros and regions.

A long-haul Interconnect Connection SKU for a region enables you to create an Interconnect Connection in any metro in the region.

- -C at the end of the SKU name indicates that it is a prepaid license.

**Related Topics**

License Enforcement for Short-Haul Interconnect Connections, on page 8
License Enforcement for Long-Haul Interconnect Connections, on page 9

# Supplemental Licenses

To create an AWS hosted connection, in addition to a short-haul or long-haul Interconnect Connection license, you must purchase an AWS hosted connection license on Cisco Commerce workspace.

To use a long-haul Interconnect Connection as an AWS hosted connection, purchase a SKU that has the format: `AWS-HC-IIVXC-C`

- AWS-HC denotes an AWS hosted connection.
- IIVXC denotes an inter/intra-region VXC or a long-haul Interconnect Connection.
- The permissible bandwidth of the connection is determined by the bandwidth associated with the long-haul Interconnect Connection license.
- -C at the end of the SKU name indicates that it is a prepaid license.

To use a short-haul Interconnect Connection as an AWS hosted connection, purchase a SKU that has the format: `AWS-HC-IMVXC-<bandwidth>-C`

- AWS-HC denotes an AWS hosted connection.
- IMVXC denotes an in-metro VXC or a short-haul Interconnect Connection.
- The bandwidth is 1G (representing 1 Gbps) or 10 G (representing 10 Gbps). The bandwidth of the AWS hosted connection license must match the bandwidth of the short-haul Interconnect Connection license.
- -C at the end of the SKU name indicates that it is a prepaid license.

**Related Topics**

License Enforcement for AWS Hosted Connections, on page 10

# License Enforcement

Cisco and Megaport jointly enforce the entitlements for the licenses purchased through Cisco Commerce workspace.

- When you purchase a license SKU on Cisco Commerce workspace, Megaport is notified of the purchase and the license is added to your Megaport account. You can also view the license information on the **Account Licenses** page Cisco SD-WAN Manager.
- When you create an Interconnect Gateway, an Interconnect Connection, or an AWS hosted connection on Cisco SD-WAN Manager, before creating the resource in the Megaport fabric, Megaport verifies whether you have the necessary licenses.
- If you have the necessary licenses, Megaport changes the license status to in-use and creates the requested resource. The license status is also updated on Cisco SD-WAN Manager.
- If you do not have the necessary licenses, Megaport does not create the requested resource and Cisco SD-WAN Manager displays an error message to indicate that you do not have the necessary licenses. Purchase the necessary licenses on Cisco Commerce workspace and create the resource.
- Cisco SD-WAN Manager raises an alarm 90 days before a license expires. Cisco SD-WAN Manager also raises alarms when a license expires or is renewed on Cisco Commerce workspace.
- Megaport notifies you of license expiration and impending license expiry through emails.

### Related Topics

View Licenses Associated with a Megaport Account, on page 11

## License Enforcement for Interconnect Gateways

When you create an Interconnect Gateway on Cisco SD-WAN Manager, Cisco SD-WAN Manager sends the request to Megaport. Before approving the request, Megaport checks whether you have the necessary license in your account.

To create the Interconnect Gateway, you must have an Interconnect Gateway license that matches the following criteria:

- The license must not have expired and must not be in use.
- The license must apply to the region in which you wish to create the Interconnect Gateway.
- The license must match the form factor of the Interconnect Gateway you wish to create.
- If you have multiple licenses that are not in use and support the requested region and form factor, the license with the earliest expiration time is selected.

If you have a license that matches the required criteria, Megaport marks the license as being in-use and approves the request to create the Interconnect Gateway.

If you do not have a license that matches the required criteria, Interconnect Gateway creation fails and Cisco SD-WAN Manager displays an appropriate error message such as the following: `No license for <ICGWName> MVE`

Purchase the necessary license on Cisco Commerce workspace or make an in-use license available and try creating the Interconnect Gateway again. When you delete an Interconnect Gateway, the status of the associated license changes to available.

### License Expiry

Cisco SD-WAN Manager raises an alarm in the following scenarios:

- 90 days before an Interconnect Gateway license expires
- When an Interconnect Gateway license expires
- When an Interconnect Gateway license is renewed

Upon license expiration, Megaport does not bring down the Interconnect Gateway. Renew the license before expiry or bring down the Interconnect Gateway within 14 days of license expiry. Megaport may charge you directly based on their Global Services Agreement if you do not renew the license within the grace period of 14 days.

### Related Topics

Interconnect Gateway Licenses, on page 2

## License Enforcement for Short-Haul Interconnect Connections

When you create a short-haul Interconnect Connection on Cisco SD-WAN Manager, Cisco SD-WAN Manager sends the request to Megaport. Before approving the request, Megaport checks whether you have the necessary license in your account.

To create the short-haul Interconnect Connection, you must have a short-haul Interconnect Connection license that matches the following criteria:

- The license must not have expired and must not be in use.
- The license must apply to the region in which the target metro is located.
- The license must match the bandwidth of the Interconnect Connection you wish to create or support a larger bandwidth.
- If you have multiple licenses that are not in use and match the region and the bandwidth, the license with the earliest expiration time is selected.

If a license that matches the bandwidth or a closest license of higher bandwidth meets the required region and availability criteria, Megaport marks the license as being in-use and approves the request to create the short-haul Interconnect Connection.

If you do not have a license that matches the required criteria, short-haul Interconnect Connection creation fails and Cisco SD-WAN Manager displays an appropriate error message such as the following: `Unable to find valid matching license for the Interconnect connection`

Purchase the necessary license on Cisco Commerce workspace or make an in-use license available and try creating the short-haul Interconnect Connection again. When you delete a short-haul Interconnect Connection, the status of the associated license changes to available.

### License Expiry

Cisco SD-WAN Manager raises an alarm in the following scenarios:

- 90 days before a short-haul Interconnect Connection license expires
- When a short-haul Interconnect Connection license expires
- When a short-haul Interconnect Connection license is renewed

Upon license expiration, Megaport does not bring down the short-haul Interconnect Connection. Renew the license before expiry or bring down the short-haul Interconnect Connection within 14 days of license expiry. Megaport may charge you directly based on their Global Services Agreement if you do not renew the license within the grace period of 14 days.

### Related Topics

Interconnect Connection Licenses, on page 4

## License Enforcement for Long-Haul Interconnect Connections

When you create a long-haul Interconnect Connection on Cisco SD-WAN Manager, Cisco SD-WAN Manager sends the request to Megaport. Before approving the request, Megaport checks whether you have the necessary license in your account.

To create the long-haul Interconnect Connection, you must have a long-haul Interconnect Connection license that matches the following criteria:

- The license must not have expired and must not be in use.
- The license must apply to the regions in which the source and target metros are located.

**Note** The UK does not belong to the EU region. To provision a connection originating or terminating in the UK, ensure that you have an appropriate UK license.

- The license must match the bandwidth of the Interconnect Connection you wish to create or support a larger bandwidth.
- If you have multiple licenses that are not in use and match the regions and the bandwidth, the license with the earliest expiration time is selected.

If a license that matches the bandwidth or a closest license of higher bandwidth meets the required region and availability criteria, Megaport marks the license as being in-use and approves the request to create the long-haul Interconnect Connection.

If you do not have a license that matches the required criteria, long-haul Interconnect Connection creation fails and Cisco SD-WAN Manager displays an appropriate error message such as the following: `Unable to find valid matching license for the Interconnect connection`

Purchase the necessary license on Cisco Commerce workspace or make an in-use license available and try creating the long-haul Interconnect Connection again. When you delete a long-haul Interconnect Connection, the status of the associated license changes to available.

### License Expiry

Cisco SD-WAN Manager raises an alarm in the following scenarios:

- 90 days before a long-haul Interconnect Connection license expires
- When a long-haul Interconnect Connection license expires
- When a long-haul Interconnect Connection license is renewed

Upon license expiration, Megaport does not bring down the long-haul Interconnect Connection. Renew the license before expiry or bring down the long-haul Interconnect Connection within 14 days of license expiry.

Megaport may charge you directly based on their Global Services Agreement if you do not renew the license within the grace period of 14 days.

**Related Topics**

Interconnect Connection Licenses, on page 4

## License Enforcement for AWS Hosted Connections

When you create a short-haul or long-haul Interconnect Connection Cisco SD-WAN Manager and intend to use it as an AWS hosted connection, Cisco SD-WAN Manager sends the request to Megaport. Before approving the request, Megaport checks whether you have the necessary short-haul or long-haul Interconnect Connection license, and the supplemental AWS hosted connection license.

- A short-haul Interconnect Connection license must fulfil requirements outlined in the License Enforcement for Short-Haul Interconnect Connections, on page 8 section of this document.
- A long-haul Interconnect Connection license must fulfil requirements outlined in the License Enforcement for Long-Haul Interconnect Connections, on page 9 section of this document.
- The AWS hosted connection license must not have expired and must not be in use.

If an Interconnect Connection license that matches the bandwidth or a closest license of higher bandwidth meets the required region and availability criteria, and the supplemental AWS hosted connection license is available for use, Megaport marks the licenses as being in-use and approves the request to create the long-haul Interconnect Connection.

If you do not have the required licenses, connection creation fails and Cisco SD-WAN Manager displays an appropriate error message such as the following: `Unable to find valid matching license for the Interconnect connection`

Purchase the necessary licenses on Cisco Commerce workspace or make in-use licenses available and try creating the AWS hosted connection again. When you delete an Interconnect Connection being used as an AWS hosted connection, the associated licenses become available to create a new AWS hosted connection.

### License Expiry

Cisco SD-WAN Manager raises an alarm in the following scenarios:

- 90 days before the supplemental license expire
- When the supplemental license expires
- When the supplemental license is renewed

Upon license expiration, Megaport does not bring down the AWS hosted connection. Renew the license before expiry or bring down the connection within 14 days of license expiry. Megaport may charge you directly based on their Global Services Agreement if you do not renew the license within the grace period of 14 days.

**Related Topics**

Supplemental Licenses, on page 6

# Information About Pay As You Go License

Minimum supported releases: Cisco IOS XE Catalyst SD-WAN Release 17.14.1a, Cisco Catalyst SD-WAN Manager Release 20.14.1

A PAYG license for Megaport services allows you to pay only for the infrastructure resources that you utilize. The PAYG licensing mechanism requires you to procure PAYG SKUs from Cisco Commerce Workspace (CCW). These PAYG license SKUs bring up any Megaport services without requiring any term commitments. You can dynamically expand or contract your network based on your day-to-day bandwidth requirements and be billed at the end of the month.

For information about creating an interconnect gateway with a PAYG license at a Megaport location, see Create Interconnect Gateway at a Megaport Location.

# View Licenses Associated with a Megaport Account

1. From the Cisco SD-WAN Manager menu, choose **Configuration** > **Cloud OnRamp for Multicloud**.
2. Click **Interconnect**.
3. From **SETUP** under **WORKFLOWS**, click **Account Licenses**.
4. **Provider**: From the drop-down list, choose **Megaport**.
5. **Account Name**: From the drop-down list, choose a Megaport account name.
6. To view Interconnect Gateway licenses, click **INTERCONNECT GATEWAY LICENSES**.

   Cisco SD-WAN Manager displays the Interconnect Gateway license SKUs associated with the account, providing the following details for each SKU:

***Table 2: Interconnect Gateway License SKU Details***

| Column | Description |
|---|---|
| **SKU Name** | Name of the license SKU |
| **SKU UUID** | Unique ID for the license SKU within the Megaport account to which it belongs |
| **Gateway Size** | Size or form factor of the Interconnect Gateway instance (SML, MED, or LRG) |
| **State** | Current state of the license(IN_USE; IN_USE, EXPIRED; AVAILABLE; or EXPIRED) |
| **License End Date** | The end date (expiry date) for the license derived from the start date and the term of entitlement |
| **Start Date** | The license start date specified while ordering the SKU on Cisco Commerce workspace |
| **Smart Account ID** | Smart Account to which the license belongs |
| **Virtual Account ID** | Virtual Account to which the license belongs |
| **Subscription ID** | Subscription ID associated with the license |
| **Web Order ID** | Unique web order ID for the license |

7. To view Interconnect Connection licenses, click **INTERCONNECT CONNECTION LICENSES**.

   Cisco SD-WAN Manager displays the Interconnect Connection license SKUs associated with the account, providing the following details for each SKU:

   ***Table 3: Interconnect Connection License SKU Details***

| Column | Description |
|---|---|
| **SKU Name** | Name of the license SKU |
| **SKU UUID** | Unique ID for the license SKU within the Megaport account to which it belongs |
| **State** | Current state of the license(IN_USE; IN_USE, EXPIRED; AVAILABLE; or EXPIRED) |
| **License End Date** | The end date (expiry date) for the license derived from the start date and the term of entitlement |
| **Start Date** | The license start date specified while ordering the SKU on Cisco Commerce workspace |
| **VXC Bandwidth** | Configured bandwidth (in Mbps) of the Interconnect Connection |
| **Smart Account ID** | Smart Account to which the license belongs |
| **Virtual Account ID** | Virtual Account to which the license belongs |
| **Subscription ID** | Subscription ID associated with the license |
| **Web Order ID** | Unique web order ID for the license |

8. To view supplemental licenses, click **SUPPLEMENTAL LICENSES**.

   Cisco SD-WAN Manager displays the supplemental license SKUs associated with the account, providing the following details for each SKU:

   ***Table 4: Supplemental License SKU Details***

| Column | Description |
|---|---|
| **SKU Name** | Name of the license SKU |
| **SKU UUID** | Unique ID for the license SKU within the Megaport account to which it belongs |
| **State** | Current state of the license(IN_USE; IN_USE, EXPIRED; AVAILABLE; or EXPIRED) |
| **License End Date** | The end date (expiry date) for the license derived from the start date and the term of entitlement |
| **Start Date** | The license start date specified while ordering the SKU on Cisco Commerce workspace |

| Column | Description |
|---|---|
| **Bandwidth** | Configured bandwidth (in Mbps) of the AWS hosted connection |
| **Smart Account ID** | Smart Account to which the license belongs |
| **Virtual Account ID** | Virtual Account to which the license belongs |
| **Subscription ID** | Subscription ID associated with the license |
| **Web Order ID** | Unique web order ID for the license |

# Find License SKU Associated with an Interconnect Gateway

1. From the Cisco SD-WAN Manager menu, choose **Configuration** > **Cloud OnRamp for Multicloud**.
2. Click **Interconnect**.
3. From **MANAGE** under **WORKFLOWS**, click **Gateway Management**.

   Cisco SD-WAN Manager displays all the deployed Interconnect Gateways in a table.
4. Find the Interconnect Gateway of interest.

**Tip** Search for an Interconnect Gateway using the name you specified for it during configuration.

5. Scroll to the right to view the **License SKU UUID** column.

   On the **Account Licenses** page, use this SKU UUID to view more information about the license SKU.

   The **License End Date** column displays the expiry date for the Interconnect Gateway license.

### Related Topics

View Licenses Associated with a Megaport Account, on page 11

# Find License SKU Associated with an Interconnect Connection

1. From the Cisco SD-WAN Manager menu, choose **Configuration** > **Cloud OnRamp for Multicloud**.
2. Click **Interconnect**.
3. From **INTENT MANAGEMENT** under **WORKFLOWS**, click **Interconnect Connectivity**.

   Cisco SD-WAN Manager displays all the configured Interconnect Connections in a table.
4. Find the Interconnect Connection of interest.

**Tip** Search for the Interconnect Connection using the name you entered for it during configuration.

5. Scroll to the right to view the **Connection License SKU UUID** column. On the **Account Licenses** page, use this SKU UUID to view more information about the license SKU.

   The **License End Date** column displays the expiry date for the Interconnect Connection license.

   For an AWS hosted connection, Cisco SD-WAN Manager displays the following details:

   - The **AWSHC License UUID** column displays the SKU UUID for the supplemental AWS hosted connection license. On the **Account Licenses** page, use this SKU UUID to view more information about the license SKU.
   - the **AWSHC License End Date** column displays the expiry date for the supplemental AWS hosted connection license.

### Related Topics

View Licenses Associated with a Megaport Account, on page 11