



Connect to  
**Oracle Cloud**



# Purpose\_

This document describes the prerequisites and procedure needed to create a L2 Connection to Oracle Cloud through the Console Connect web portal

**This document will guide you step-by-step to:**

1. Setup a virtual circuit on **Oracle Cloud Portal** and grab the OCID VCs given
2. Provision L2 Connect on **Console Connect** and pass the OCID VCs to Console Connect support
3. Configure BGP from your router to the Oracle Gateway. For additional information on this, please refer to the **Oracle documentation**

## Who is it for\_



Console Connect  
Users



# Introduction

The Oracle Cloud FastConnect solution lets customers leverage a network service provider (NSP) to deliver connectivity to Oracle Cloud locations. This offering typically provides connectivity at a reduced cost because the physical connectivity from Oracle Cloud to the Network Service Provider is already in place and shared among other customers.

## Create an Oracle Cloud Connection

### Prerequisites

Before creating an Oracle Cloud connection, you will need to meet the following requirements:

1. An Oracle Cloud Account. If you do not have one, [apply here](#).
2. A Console Connect account. If you do not have one, [sign up here](#).
3. Oracle Cloud account setup with a Virtual Cloud Network - [You can see docs here](#).
4. At least one active Console Connect Port - PAYG or Plan

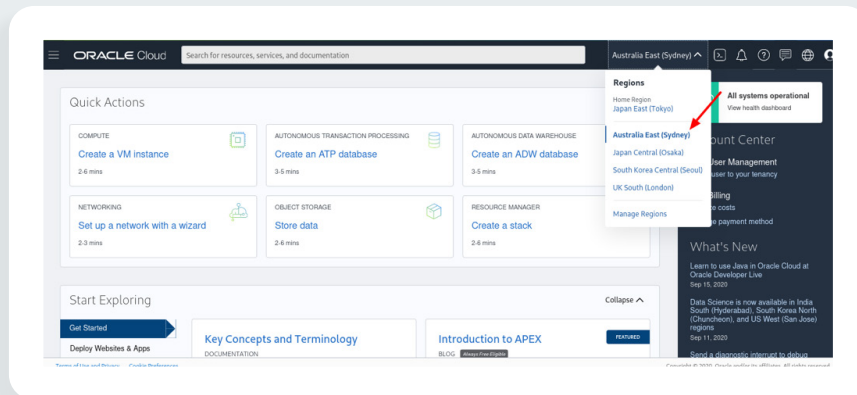


# Procedure

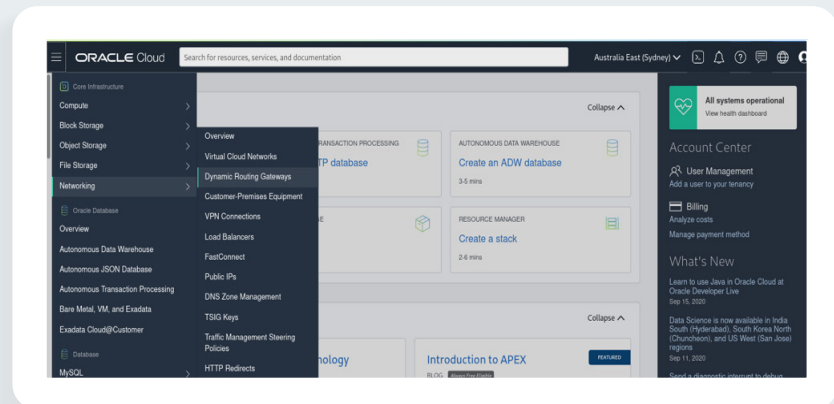
## Step 1

### Create Virtual Circuit on Oracle Cloud Portal

- 1 Log in to **Oracle Cloud Portal**.
- 2 Choose the region you want to use in the top right hand corner.



- 3 Select '**Networking**' and create your '**Virtual Cloud Network (VCN)**', '**Dynamic Routing Gateway**', and the '**FastConnect**'



a. Setup a '**Dynamic Routing Gateway**' if using private peering:

- Create '**DRG**'
- Attach '**DRG**' to '**Virtual Cloud Network**'
- Update routing rules for '**VCN**'

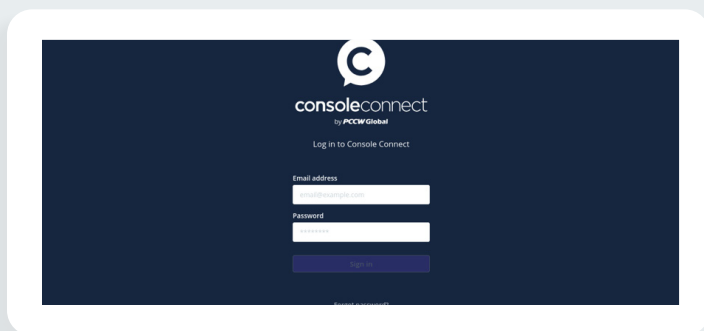
b. Setup up your virtual circuit

When you create the '**FastConnect**' in the '**Oracle Console**', you will be provided with the OCID. Copy this OCID and then log in to the '**Console Connect Portal**'.

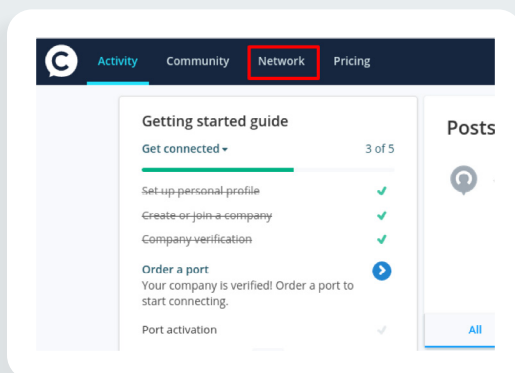
## Step 2

### Establish a connection on Console Connect

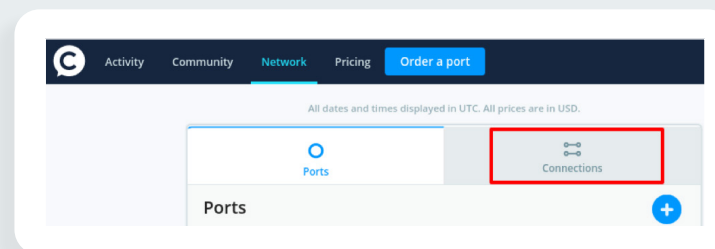
1 Log in to **Console Connect**.



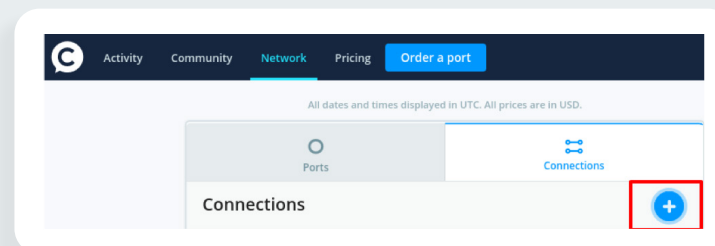
2 Click on **'Network'** tab in the main navigation at the top of the screen.



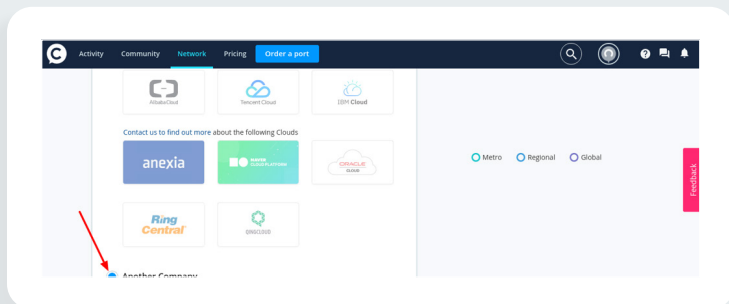
3 Click on **'Connections'**.



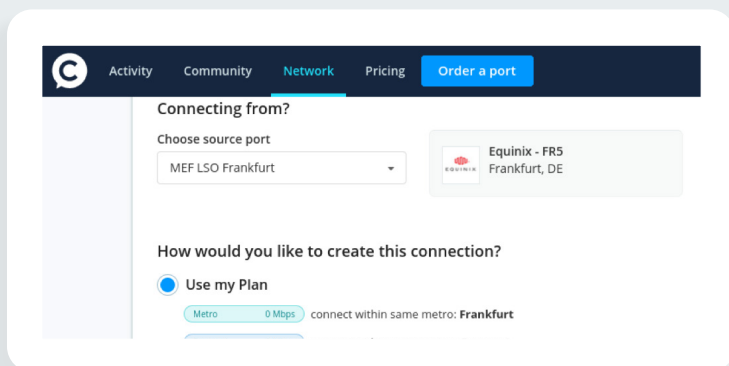
4 Click on the **'+' (plus)** circular button.



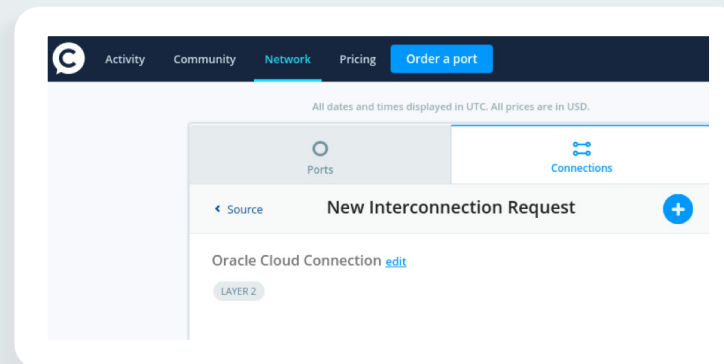
- 5 On the new connections page, you will see options to create connections with multiple cloud services. Oracle is currently in coming soon. Scroll further down and select 'Another Company' section and search for 'Oracle Cloud'.



- 6 Select your port to use and 'Plan' or 'Pay as you Go'.



- 7 Select 'Oracle Cloud' location, rate limit and source VLAN. **Note:** Oracle supports 1G and 10G connections, so if you provision a connection with 10Mb, Console Connect will provision on-net at 10Mb and Oracle at 1G.

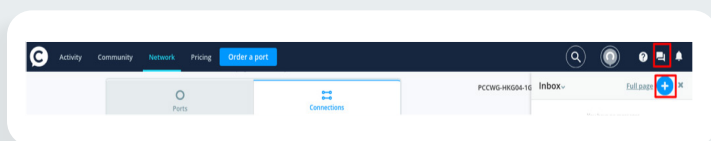


**Note:** Once your duration ends (after 12 months in the above example) your connection will automatically switch to month-to-month. This gives you flexibility to review and update your contract based on your requirements. Refer to terms & conditions for more information.

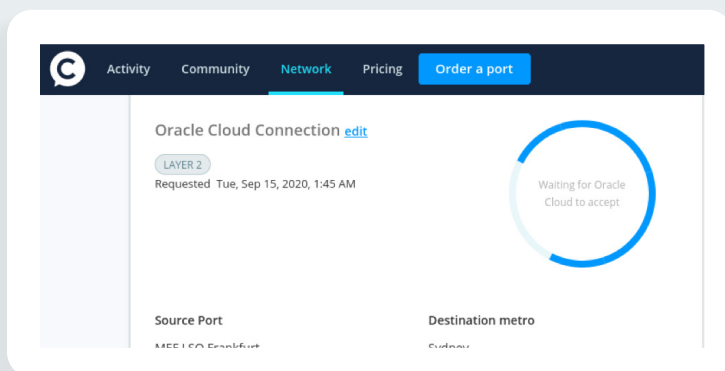
- 8 When you click the 'Next: Payment' button, you will be directed to the payment page, if you selected 'PAYG', otherwise if you selected pay by plan, you will be taken to a summary screen. The price per month and total cost over the selected duration will be displayed.

9 Accept the terms and conditions and click the '**Connect**' button. You will be directed to the '**Pending connection**' screen on which a summary of the details of your connection are displayed.

At this point you have completed the first stage of creating the connection request. It is extremely important that you now contact Console Connect support via the chat, or email to [support@consoleconnect.com](mailto:support@consoleconnect.com), to pass your OCID to them so they can complete the configuration.



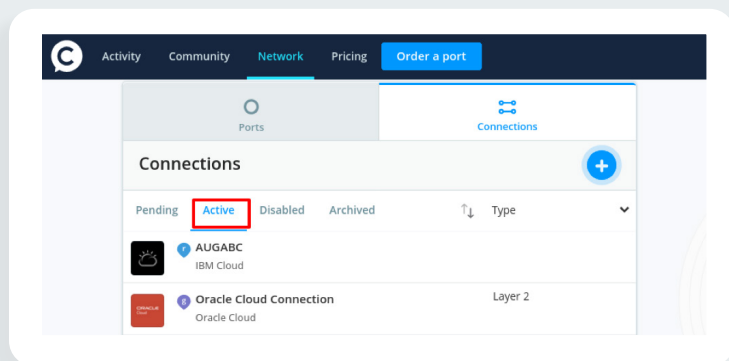
Your connection will now be '**Pending**' until Console Connect Support has received your OCID and accepted the connection.



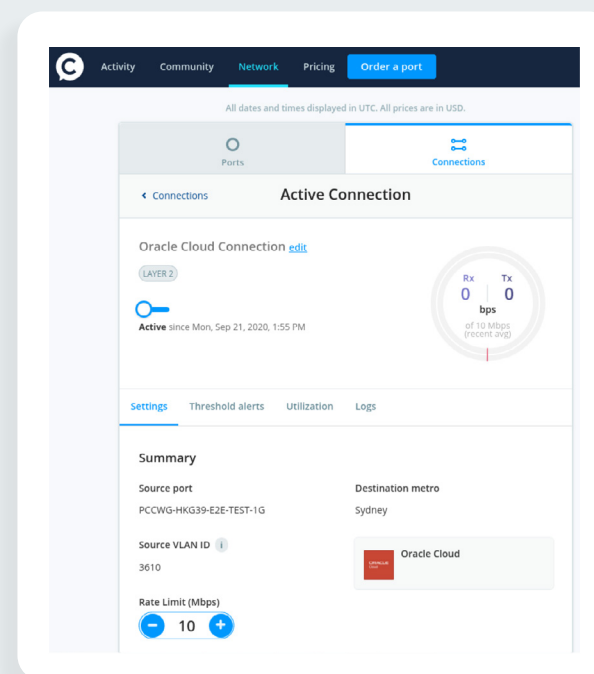
10 There are four tabs on the '**Connection screen**' that display connections according to their status:

- **Pending** - Once you create a connection in Console, you can find the connection in Pending state and will be displayed under the Pending tab until Console Connect Support has received your OCID and accepted it on '**Oracle Cloud Portal**'. After we have accepted it on Oracle Cloud, connection will move from pending tab to 'Active tab' (After couple of minutes).
- **Active** - all your Active connections.
- **Disabled** - all connections that have been disabled. If a connection is enabled, it will move back to the Active tab.
- **Archived** - All connections that have been deleted.

- 11 Click on the **'Active'** tab. You will see the connection that you have created.



- 12 To see more information about your connection, click on that connection and you will be directed to the **'Connection Details'** page.



As shown in the above image, on the connection details page, you will be able to see important information such as:

- Layer 2 status
- VLAN ID
  - i. Source
- Connection name
- Contract details



## Step 3

### Delete an Oracle Connection

Console connect also allows the user to delete an active Oracle connection. Steps below outlines the process to delete an Oracle Cloud connection.

- 1 Click on an active connection that you want to delete.
- 2 It will take you to the connection details page and you will see an **'Actions'** drop down list. Click on that and select **'Delete'**.
- 3 You will be presented with a message that asks you to confirm if you want to go ahead and delete your Oracle connection. Click **'Yes, delete the connection'**.
- 4 You will see that your connection is being deleted.

# FAQ

## How does Console Connect integrate with Oracle Cloud FastConnect?

Console Connect integrated with Oracle Cloud only at L2, with L3 on our roadmap

## Does the bandwidth (rate limit) of the L2 Connections need to match the Oracle Cloud FastConnect tier?

No, they may differ. The Console Connect Platform gives you the option to use the same bandwidth as the Oracle Cloud FastConnect or lower.

## If I select a Rate Limit of 10Mbps to Oracle Cloud Direct Link Connect how is it provisioned?

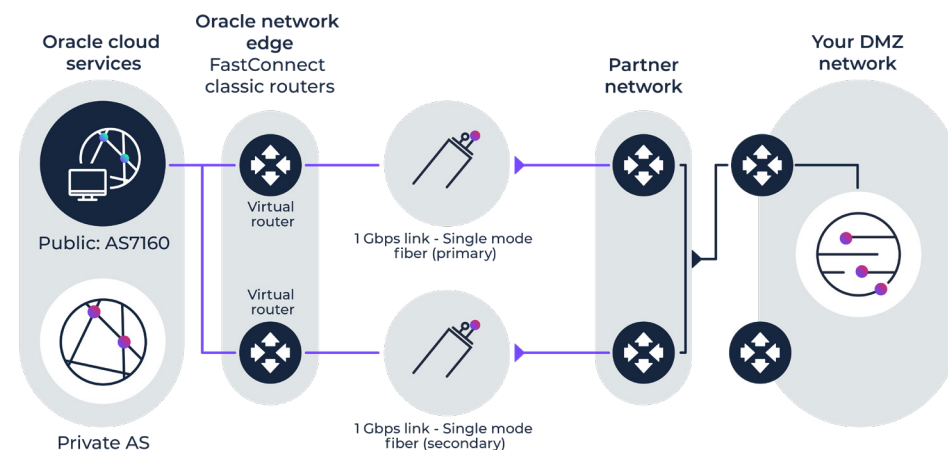
If 10Mbps was input as the rate limit then Console Connect will provision a 10Mbps L2 circuit from the source port.

## Does Oracle Cloud meter bandwidth for FastConnect products?

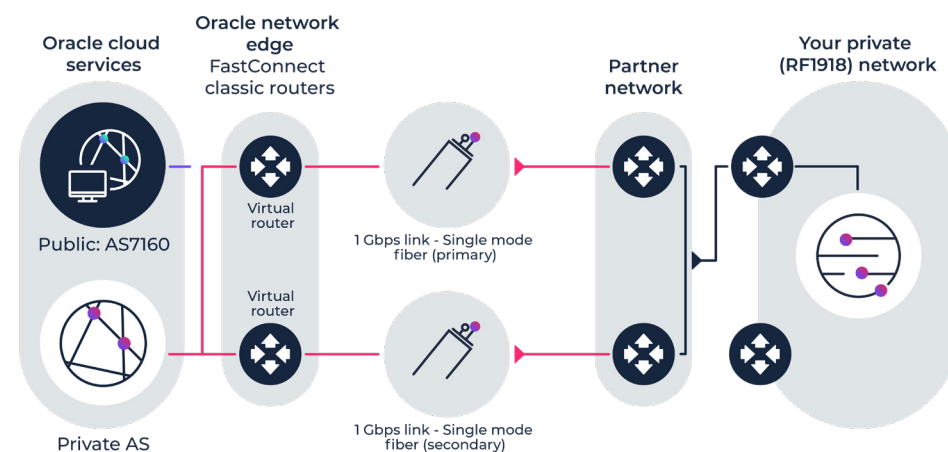
Yes. Bandwidth usage across the FastConnect service between customers and Oracle Cloud is free and unmetered, Oracle Cloud does meter outbound bandwidth from Oracle Cloud services to the public internet.

## How can I achieve redundancy with Oracle Cloud FastConnect?

Console Connect provides diverse NNIs in every location, so you can achieve redundancy by creating a second connection to the other NNI in that location.



The following figure shows how private IP addresses are advertised our your connection



# FAQ\_

## Does Oracle Cloud FastConnect offer a Service Level Agreement (SLA)?

Yes Oracle Cloud FastConnect offers different SLAs depending on your redundancy e.g.

- SLA single port redundancy (99.9%)
- SLA Dual port redundancy (99.9%)
- SLA single port high-availability (99.9%)
- SLA Dual port high-availability (99.9%)

## Does Oracle Cloud allow redundancy?

Refer to the following link by Oracle that has details are regarding redundancy:

[https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectresiliency.htm#FastConnect\\_Redundancy\\_Best\\_Practices](https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectresiliency.htm#FastConnect_Redundancy_Best_Practices)

## Can I connect multiple VCNs to my FastConnect VC?

You can use a single FastConnect to access multiple VCNs. Different network scenarios are available depending on your needs and which FastConnect connectivity model you use. See: <https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectoverview.htm>

## Does FastConnect support Jumbo frames?

Jumbo frames (up to 9000 IP MTU) are supported on FastConnect, but a support request must be raised before connection is made

## Can I give any name to a connection?

You can give any name you want to a connection as long as it complies with the validation rules in place. Below is a list of accepted characters for an Oracle connection name. Anything outside of this will not be valid.

1. Alphabets characters
2. Numeric characters
3. Special characters - '-' and '\_'



# Definitions

- **Termination Location:** established physical NNI with Oracle Cloud in multiple locations can be found here.
- **Port Speed Options:** Select 1Gbps, 10Gbps.
- **Connection name:** A user defined name which needs to adhere to naming conventions
- **Provider:** Network provider name
- **Port:** Pre-defined shared port label for unambiguous port identification
- **Speed:** One of the supported speeds for the selected offering
- **VLAN ID:** Layer-2 802.1Q ID
- **BGP ASN:** May be requested by customer per Oracle spec, or allocated by Oracle
- **BGP Router IPs:** IPs assigned for BGP exchanges between routers

## References

1. **Oracle Cloud FastConnect overview:**  
<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectoverview.htm>
2. **Oracle Cloud Fast Connect How To:**  
<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectprovider.htm>

# How do I **sign up?**

- Take control
- Cut complexity
- Make interconnection effortless

Easy as a click! Try it for free:

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## **United Kingdom**

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Have other questions we didn't cover?

**Join our community** of experts.



**www.consoleconnect.com**

Talk to us: [sales@consoleconnect.com](mailto:sales@consoleconnect.com)