

## Peering Routers

## Peering Routers

Peering

Routers

Sessions

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Routers

Add Router

Routers with Peer Groups

Filter

| Name           | Slug           | Make    | Model           | Peer Groups |
|----------------|----------------|---------|-----------------|-------------|
| lab1-juniper   | lab1-juniper   | Juniper |                 | 1           |
| QA Cisco Lab 1 | qa-cisco-lab-1 | Cisco   | ASR 1000 Series | 3           |
| QA Cisco Lab 2 | qa-cisco-lab-2 | Cisco   | ASR 1000 Series | 2           |

Routers without Peer Groups

Filter

| Name | Slug | Make | Model |
|------|------|------|-------|
|------|------|------|-------|

The **Routers** subtab is where routers may be added and managed. Routers are divided into two lists - those with Peer Groups, and those without. From here, you can filter the router list, click on any router name to go to the **Router Details** page, or "Add Router" to add a new router.

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  - Add a Router
    - Router Details Page
      - Edit Router
      - Edit Peer Groups
      - Router Sessions
  - Additional Information

## Working with Peering Routers

### Add a Router

Add a new router by clicking the "Add Router" button, which will direct to a page to input the router details.

Routers

Add Router

Routers with Peer Groups

Filter

| Name           | Slug           | Make    | Model           | Peer Groups |
|----------------|----------------|---------|-----------------|-------------|
| lab1-juniper   | lab1-juniper   | Juniper |                 | 1           |
| QA Cisco Lab 1 | qa-cisco-lab-1 | Cisco   | ASR 1000 Series | 3           |
| QA Cisco Lab 2 | qa-cisco-lab-2 | Cisco   | ASR 1000 Series | 2           |

Enter in router details: Name, Make, Model, Hostname, IP address(es), and credentials. When done, click "Create".

PeeringIXsRoutersSessionsPeers

Create New Router

Router Name \*

Enter the router name

Router Make

Select a router manufacturer

Router Model

Select a router model

Hostname

Enter a valid hostname

IPv4 Address

Enter a valid IPv4 address

IPv6 Address

Enter a valid IPv6 address

Username

Password

Create

Reset

The Router will be added to the Router list, and can be managed from the router details page.

## Router Details Page

Clicking on a router entry in the router list will open the router details page.

Routers

Add Router

Cisco 1

QA Cisco Lab 1  
cisco-lab1.6connect.c...

Router Details

QA Cisco Lab 1

Field Values

Make

Cisco

Model

ASR 1000 Series

IPv4

IPv6

Hostname

cisco-lab1.6connect.com

Username

dev

Password

\*\*\*\*\*

VRFs

VRF Name

ASN

abc

8038

cde

8038

Peer Groups

Select Exchange

Peer Group Name

IPv4

IPv6

Add Group

Exchange

Name

Type

Equinix Palo Alto

dev-v4-peer-group

ipv4

delete

Equinix Palo Alto

dev-v6-peer-group

ipv6

delete

From here, routers may be added as well, or you can use the filterable list in the left sidebar to select a router to view.

The router details area gives the basic router information.

## Edit Router

A Router's Make, Model, IP address, Hostname, Username, and Password may be edited from the Peering Router Details page.

To edit a router field, click the "Edit" icon (pencil), and input the desired change.

Router Details

QA Cisco Lab 1

Edit

Field Values

Make

Cisco

Model

ASR 1000 Series

IPv4

IPv6

Hostname

Username

Password

\*\*\*\*\*

When complete, click the "Save" icon. You may cancel the edit by clicking the "Cancel" icon to the left of "Save".

Router Details

QA Cisco Lab 1

Save

Field Values

Make

Cisco

Model

ASR 1000 Series

IPv4

IPv6

Hostname

Username

Password

\*\*\*\*\*

Router information may also be edited from the Router's Resource Entry page and /or Field Gadget. By default, not all router fields may be visible or editable - this is to prevent editing critical router identification elements while sessions may exist for those routers.

## Edit Peer Groups

You may also add and delete Peer Groups associated with the router - select the Exchange, Add the Peer Group Name, select the IP type, and click "Add Group".

## Peer Groups

Select Exchange  Peer Group Name  ☒ IPv4 ☐ IPv6

| Exchange          | Name              | Type |                                       |
|-------------------|-------------------|------|---------------------------------------|
| Equinix Palo Alto | dev-v4-peer-group | ipv4 | <input type="button" value="delete"/> |
| Equinix Palo Alto | dev-v6-peer-group | ipv6 | <input type="button" value="delete"/> |

To delete Peer Groups, click "Delete" for the peer group to remove. Peer Groups may also be edited via the [Peer Group](#) gadget.

Note: Adding / Deleting Peer Groups only affects ProVision, it does not add or remove from from the router itself.

## Router Sessions

View all ProVision sessions associated with a router by going to that router's detail page and scrolling down to the "Router Sessions" section. Clicking on any session will open up the Session Details for that session.

| Router Sessions        |       |              |              |  |
|------------------------|-------|--------------|--------------|--|
| Peer                   | ASN   | IP           | Peer Group   | State  |
| Blizzard Entertainment | 57976 | 198.32.176.4 | equinix-test | not configured                                     |
|                        |       |              |              | <input type="button" value="Delete All Sessions"/> |

Delete all sessions in ProVision for the router by clicking "Delete All Sessions" under Router Sessions.

## Additional Information

- [Peering](#)
- [Peering Exchanges](#)
- [Peering Sessions](#)
- [Managing Peers](#)
- [Peering Emails](#)