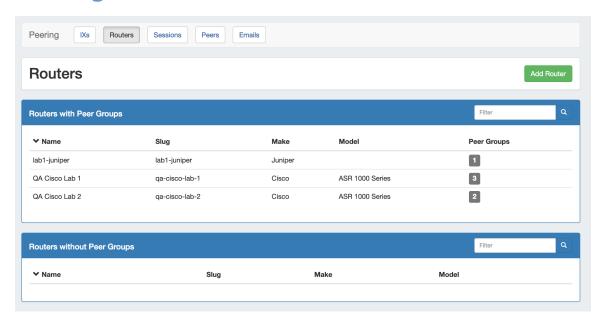# Peering Routers

Peering Routers

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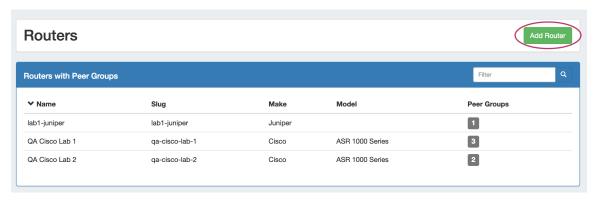
From here, you can filter the router list, click on any router name to go to the **Router Details** page, or "Add Router" to add a new router.

- Peering Routers
- Working with Peering Routers
    - Add a Router
        - Router Details Page
            - Edit Router
            - Edit Peer Groups
            - Router Sessions
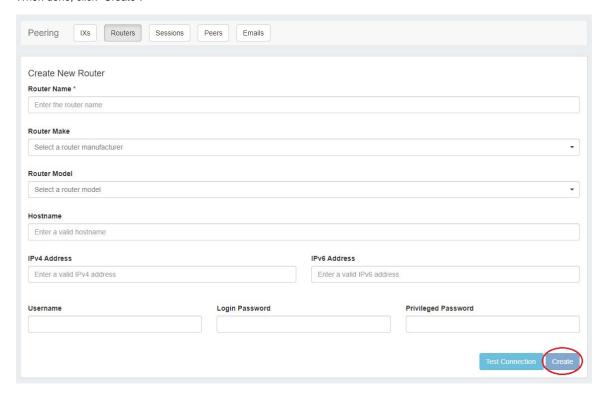   - Additional Information

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.

Enter in router details: Name, Make, Model, Hostname, IP address(es), and credentials. If desired, you can confirm the connection by clicking "Test Connection".
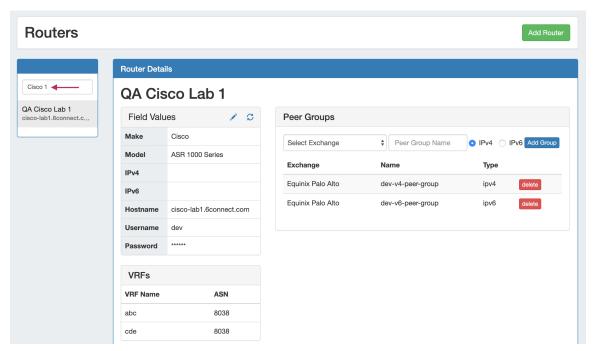
When done, click "Create".

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.
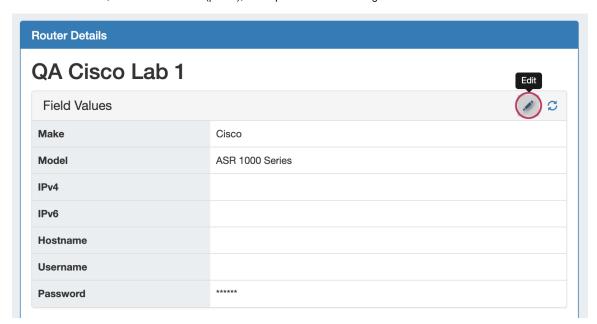

From here, routers may be added as well, or you can use the filterable list in the left sidebar to select a router to view.

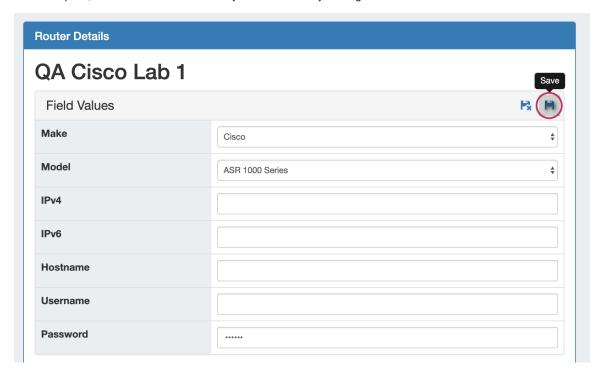The router details area gives the basic router information.

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.

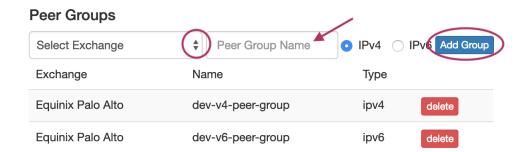When complete, click the "Save" icon. You may cancel the edit by clicking the "Cancel" icon to the left of "Save".

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 and 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	Add Group

Exchange	Name	Type	
Equinix Palo Alto	dev-v4-peer-group	ipv4	delete
Equinix Palo Alto	dev-v6-peer-group	ipv6	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

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