

DHCP Tab

The DHCP Tab

ProVision's **DHCP** Tab combines server management, group organization, and pool management under one tab.

The screenshot shows the DHCP Tab interface. At the top, there's a navigation bar with tabs: Dashboard, Resources, DNS, DHCP (selected), IPAM, Peering, and Reporting. Below the navigation bar, there's a search bar and a set of sub-tabs: DHCP Groups, DHCP Servers, DHCP Pools, and DHCP Logging. The main content area is titled "DHCP Groups List" and includes an "Add Group" button. Below this, there's a description: "DHCP Groups help you to organize all of your Groups and Servers together into a single place. With Groups, you are able to push whole group configurations." The interface then shows a "Default Group" section with a "Resource ID: 46363" and a "Group1" section with a "Resource ID: 38124". The "Group1" section contains a "DHCP Pools" sub-section with buttons for "Add Pool", "Push Group", and "Schedule Push". Below this, there's a table with columns: Pool Name, Last Modified, Subnet, Range Min, Range Max, and Actions. The table lists three pools: "2 abc", "test12345", and "TestPool1". Each pool has a "Delete" button and a "Push" button. Below the table, there are sections for "Attached Servers" and "Group Settings", each with a right-pointing arrow.

Pool Name	Last Modified	Subnet	Range Min	Range Max	Actions
2 abc	05/09/2018 12:49:45	2001:506:7000::/37	2001:506:7000::1	2001:506:77ff:ffff:ffff:ffff:ffff:ffff	Delete Push
test12345	04/30/2018 17:56:26	192.168.32.0/20	192.168.32.1	192.168.47.254	Delete Push
TestPool1	04/27/2018 12:36:20		198.50.235.29	198.50.235.30	Delete Push

The **DHCP** tab contains four sub-tabs: **DHCP Groups**, **DHCP Servers**, **DHCP Pools**, and **DHCP Logging**.

The **DHCP Groups** tab is where DHCP servers and pools are managed as a part of DHCP Groups. The **DHCP** tab **DHCP Groups List** allows you to create, view, and manage groups of DHCP servers and pools. Using groups, you can configure and push selected combinations of pools at one time.

The **DHCP Servers** tab is only accessible to Admin users, and contains functions for adding, updating, and managing DHCP servers as well as scheduling server tasks. For Admin-level DHCP tasks, see [Working with DHCP Servers](#).

The **DHCP Pools** tab lists all the pools created in ProVision able to be viewed by the user, in the same format as on the **DHCP Groups** page, but without the Group organization. The Pool List allows you to view, add, delete, and push individual DHCP Host and Subnet Pools.

The **DHCP Logging** tab provides a link to ProVision's logging system, where you can filter to view DHCP-only logs.

- [The DHCP Tab](#)
 - [Permissions](#)
 - [Additional Information](#)

Permissions

DHCP Management integrates with ProVision's resource and permissions hierarchy, as well as the IP Management system. Individual DHCP servers can be assigned via [Resource Permissions](#) to different internal [user groups](#), to be managed by only the appropriate parties.

Additional Information

See the following sections for detail on working within the DHCP Tab:

- [Working with DHCP Groups](#)
- [Working with DHCP Pools](#)
- [Working with DHCP Gadgets](#)

For more detail on advanced DHCP topics and the DHCP API, see [API Module - DHCP](#).