

InfoBlox Zone Import

InfoBlox Zone Import

The ProVision Data Import InfoBlox option imports InfoBlox DNS zones using a provided Host, Username, and Password. It pulls all zones on the InfoBlox LOCAL grid and adds them to a designated DNS Group. It is advised to create a DNS Group prior to the import with default parameters and NS records to be inherited by the imported records.

Port Information

Infoblox Zone Import requires that port 443 (default) be enabled on the server to ensure access to the Infoblox API, unless an alternative port has been configured.

For additional information, see <https://docs.infoblox.com/display/BloxOneCloud/Port+Usage>.

- InfoBlox Zone Import
 - Step 1: Verify DNS Group setup
 - Step 2: Verify InfoBlox server setup
 - Step 3: Import your InfoBlox zones

Step 1: Verify DNS Group setup

It is recommended to have a DNS Group created in advance with the proper default parameters and records to be inherited by the imported InfoBlox zones and records.

Review the existing DNS Groups in the **DNS** tab, and create a new DNS Group if necessary. See [Working with DNS Groups](#) for details on editing or creating DNS Groups.

Step 2: Verify InfoBlox server setup

Although it is not strictly necessary to have the InfoBlox server created in ProVision prior to import, creating or verifying the server at this point gives you an opportunity to test the connection and attach the InfoBlox server to the DNS Group selected in step 1.

Go to the **DNS** Tab, DNS Servers section, and either verify that the desired server is shown in the server list, or click the "Add Server" button to create a new InfoBlox server.

The screenshot shows a web interface for managing DNS servers. At the top, there are three tabs: 'DNSv3', 'DNS Groups', and 'DNS Servers'. Below the tabs is the title 'DNS Server List' followed by a green 'Add Server' button. The main content is a table with the following columns: 'Server Name', 'Server Backend', 'Server Type', 'Server Status', and 'Actions'. There are two rows of data:

Server Name	Server Backend	Server Type	Server Status	Actions
6c BIND QA Server	ISCBIND	master		Delete Push
6c Infoblox test VM	INFOBLOX	master		Delete Push

If creating a new server, ensure that "InfoBlox" is selected for the DNS Service.

Server Settings :

Scheduled Tasks >

Common Settings

Display Name:

 This is the server name that will appear in the DNS interface.

FQDN or IP:

 DNS server real FQDN or IP Address.

Server Type:

DNS Service:
 ←

Parent Resource:

 The new server resource will be a child of the Parent Resource.

InfoBlox Settings

Under the "DNS Group Settings" section of the server detail page, ensure that the DNS Group from step 1 is selected as the server's Attach to Group setting, and click "Save".

DNS Group Settings

Export Groups as Views: OFF
 Check this option if you want to enable the support of different DNS Groups to be exported as Views.

Attach to Group:
 ←

If you select a default DNS group to your server, the zones assigned to this group will be automatically attached to the server.

Step 3: Import your InfoBlox zones

Once server setup has been verified, navigate to the **Data Import** Tab in the Admin section. Select the "InfoBlox Zone Import" link.

<p>Resource Import: Simple Upload/Import from CSV Resource Import Tool *Beta*</p> <p>Import Templates: All Import Samples IP Import Sample File Customer Import Sample File</p> <p>Peering Import Import BGP Sessions</p>	<p>IP Import: Upload/Import from CSV Import from RIR</p> <p>DNS Import: BIND Zone Upload/Import PowerDNS Zone Import InfoBlox Zone Import ← NS One Zone Import Dyn DNS Zone Import DNSMadeEasy Zone Import</p>
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Then, enter the InfoBlox server Host, Username, and Password. Select Forward or Reverse zone type, the InfoBlox view, and the ProVision DNS Group to add the zones to.

Once all information has been entered, click the "Import" button.

This operation will pull all zones on the InfoBlox LOCAL grid.
This operation may take quite some time.

In order to import the zones it is highly advised to create a group with default parameters and NS records to be inherited by the imported records.

InfoBlox GRID Auth Options:

Server Host: ←

Server Username: ←

Server Password: ←

Import Options:

Authoritative zones type: Forward Reverse ←

InfoBlox view: ←

Add to Group: ←



The import may take a couple of minutes. If errors occur, they will show under the Pull in Progress message.

When completed, a successful import will show a green **Complete! status message.**

Verify the zones by exiting the Admin area of ProVision, clicking on the **DNS** tab, and reviewing the zones under the Group previously selected for the import.