

# Import DNS Zones

## Importing DNS Zones

ProVision offers multiple DNS zone import options, available under the Data Import tab in the the Admin section. Additional Import options may be available on zone or server pages.

Data Import

Import Tools

Information on preparing data for import and using each import tool is available at <https://docs.6connect.com/display/DOC/Importing+Your+Data>.  
Sample import templates are available [here](#).  
You can use 3rd party utility to verify the imported zones from [here](#).

<b>Resource Import:</b>	<b>DNS Import:</b>
<a href="#">Simple Upload/Import from CSV</a>	<a href="#">BIND Zone Upload/Import</a>
<a href="#">Resource Import Tool *Beta*</a>	<a href="#">PowerDNS Zone Import</a>
<b>IP Import:</b>	<a href="#">InfoBlox Zone Import</a>
<a href="#">Upload/Import from CSV</a>	<a href="#">NS One Zone Import</a>
<a href="#">Import from RIR</a>	<a href="#">Dyn DNS Zone Import</a>
<b>Peering Import</b>	<a href="#">DNSMadeEasy Zone Import</a>
<a href="#">Import BGP Sessions</a>	<a href="#">Route53 Zone Import</a>
	<a href="#">IPPlan Zone Import</a>

## DNS Global Import Options

ProVision offers various DNS zone import options available under the [Data Import](#) tab in the the Admin section:

### **BIND Zone Import**

- Imports using the named.conf configuration file tied to the zones you are uploading, a .zip or .tar file of the zones themselves, and an optional .csv file mapping zones to customers.

### **PowerDNS Zone Import**

- Option is available after configuring a PowerDNS server with a MySQL backend. Connects to the selected server and imports all zones.

### **InfoBlox Zone Import**

- Imports DNS zones using a provided Host, Username, and Password. The InfoBlox import pulls all zones on the InfoBlox LOCAL grid and adds them to a designated 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.

### **NS One Zone Import**

- Imports DNS zones using a NS One API Key. 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.

### **Dyn DNS Zone Import**

- Imports DNS zones using a Dyn DNS Customer Name, Username, and Password. 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.

## DNSMadeEasy Zone Import

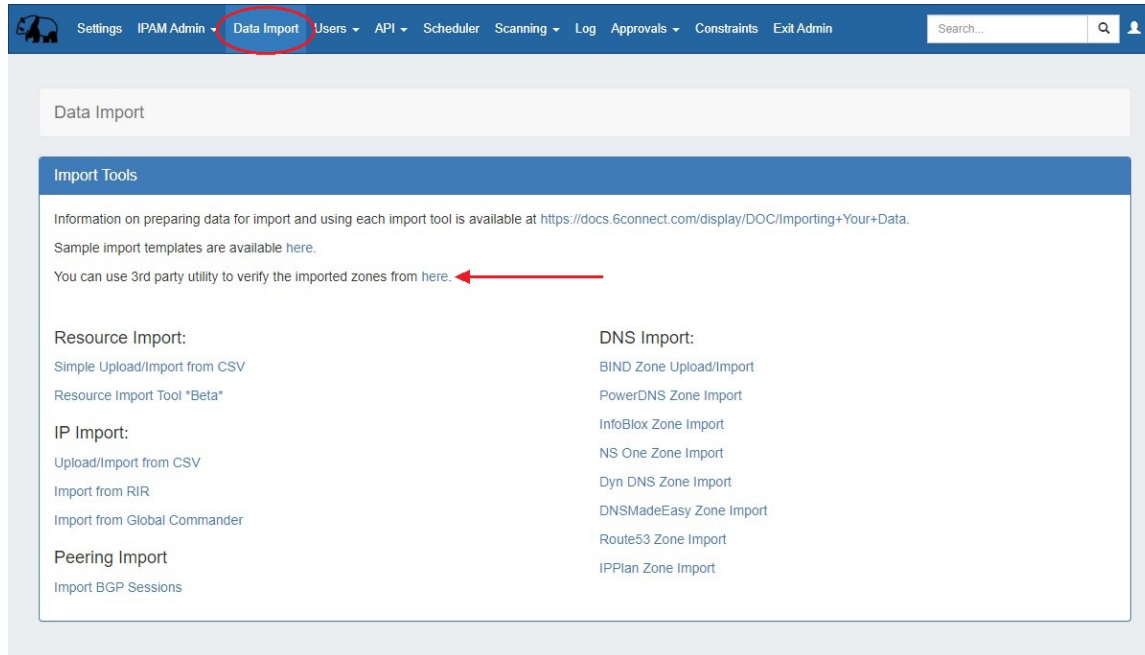
- Imports DNS zones using a DNSMadeEasy API Key and API Secret. It is advised to create a [DNS Group](#) prior to the import with default parameters and NS records to be inherited by the imported records.

## IPPlan Zone Import

- Imports DNS zones using IPPlan MySQL database options. 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.

## 3rd Party Zone Check

The DNS Import Check is accessible from the Admin Section --> Data Import Tab.



Select an existing zone from the dropdown and upload a .zone file. Click the "Compare" button to start the process.

The screenshot shows the 'Data Import 3rd Party Check' form. It contains a text box for 'Select Zone:' with the value 'qatest1.com. ( TestGroup2 )' and a dropdown arrow (highlighted with a red circle). Below it is a 'Zone File To Compare:' section with a 'Choose File' button and the filename 'qatest1.com.\_15697\_0 (3).zone' (highlighted with a red arrow). At the bottom, there is a 'Compare' button (highlighted with a red circle). The form also includes a brief description of the utility and a note about required packages.

The resulting comparison will verify the zone matches the uploaded file or highlight differences found between the two.

Data Import 3rd Party Check

Comparing in progress. Please be patient.

Report Summary

There are 0 records that are in the current zone, but are not in the uploaded zone

There are 0 records that are in the uploaded zone, but are not in the current zone

There are 0 records that are in the changed between the uploaded zone and the current zone

Details

zone qatest1.com/IN: loaded serial 2023120701

OK

zone qatest1.com/IN: loaded serial 2023120701

OK

Additional DNS import options may be available on a per-zone or per-server level, accessed from the [DNS](#) Tab:

## DNS Zone Import Options (Individual)

### DNS Zone / Record Import:

- This tool is available on a zone's "View Zone" page, and allows the user to import additional zone/record information into an existing ProVision zone by uploading a zone file (.zone).

### Import Zone / Import Records

A zone file (.zone) may be imported into a ProVision zone to populate record data. Note: To import the record data, the zone must already exist in ProVision - although it may be an empty placeholder zone if necessary.

### Enable Saving Import Files (Admin Setting - Optional)

Before you import a zone file, you may (optionally) select to save the import file to the zone. Saving the file allows you to later re-download it directly from ProVision.

To enable saving import files, go to Admin Preferences DNS Settings sub-tab. From there, select "Import Settings" in the DNS Global Settings module.

Admin Settings

Application

Authentication

DNS

Peering

Templates

DNS Global Settings

DNSSEC Settings

Dynamic Updates

Backup Settings

Import Settings

Keep Import File:

ON

If enabled it will keep the zone import file inside the zone.

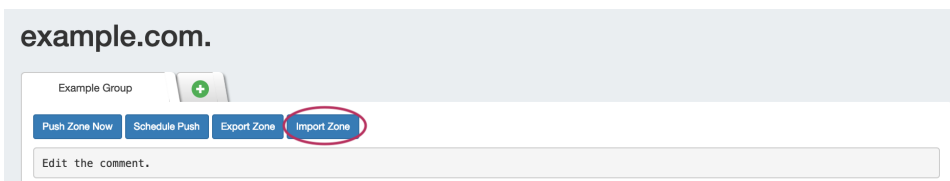
Save Changes

Toggle "Keep Import File" into the ON position, then select "Save Changes".

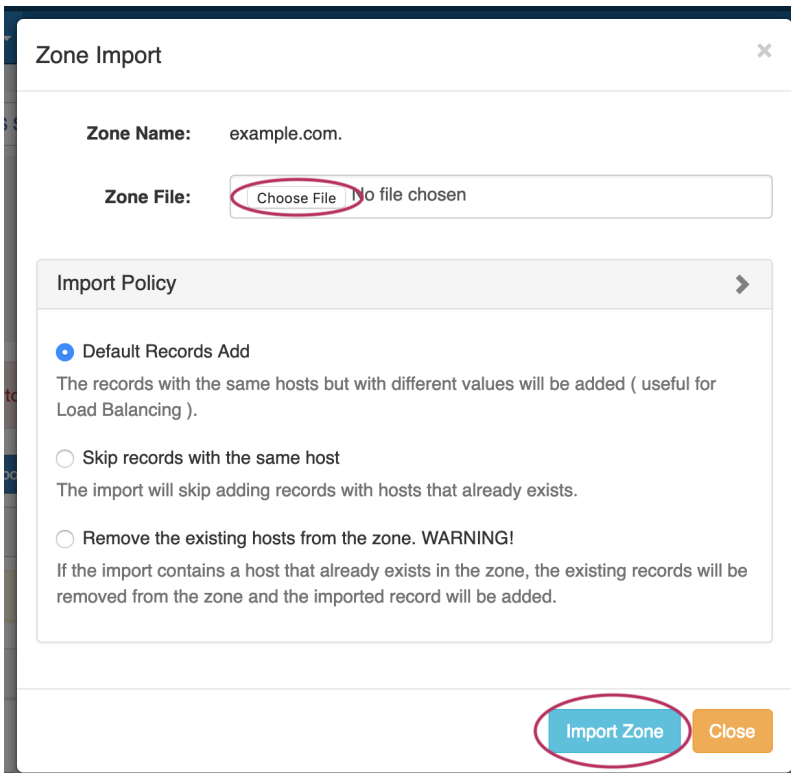
### Import Zone File

To import a zone file to populate record data in ProVision, go to the View Zone page for the zone. The zone must already exist in ProVision, although it may be empty

Click "Import Zone" on the View Zone page.



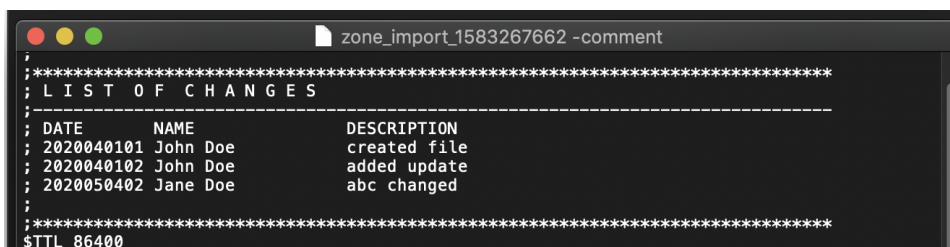
A Zone Import dialog box will open. Next to **Zone File:**, click "Choose File" and select your .zone file to import. Then, select an import policy to follow.



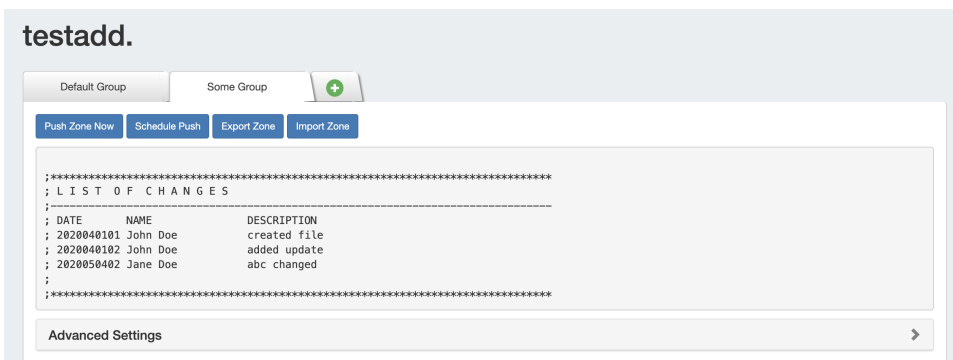
When done, Click "Import Zone".

## Importing Zone file with Comments

DNS Zone Import will also import comments contained in the .zone file, such as an internal change log (as seen in the image below).



During import, these comments are added to ProVision's zone comments field:



## Additional Information

Continue to the following sections for details on performing each import method:

- [BIND DNS Zone Upload and Import](#)
- [PowerDNS Zone Import](#)
- [InfoBlox Zone Import](#)
- [NS One Zone Import](#)
- [Dyn DNS Zone Import](#)
- [DNSMadeEasy Zone Import](#)
- [IPPlan Zone Import](#)