

# Import DNS Zones

## Importing DNS Zones

ProVision offers multiple DNS zone import options, available under the Data Import tab in the the Admin section of ProVision. 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](#).

<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 of ProVision:

### **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.

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).

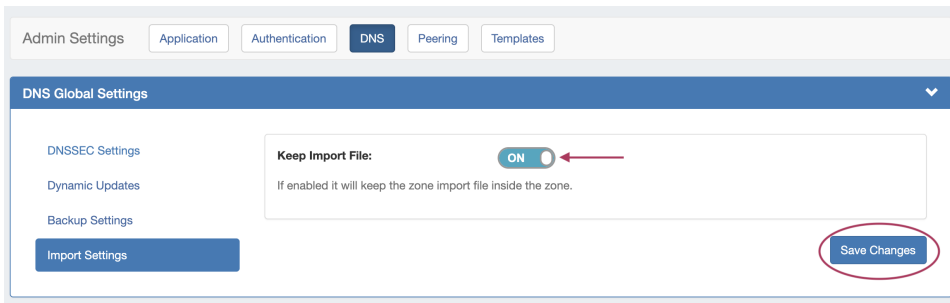
## Import Zone / Import Records

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.

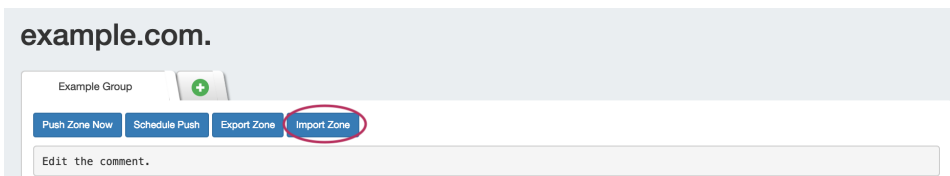


Toggle "Keep Import File" into the ON position, then select "Save Changes".

## 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.

**Zone Import**

**Zone Name:** example.com.

**Zone File:** Choose File No file chosen

**Import Policy**

☒ **Default Records Add**  
The records with the same hosts but with different values will be added ( useful for Load Balancing ).

☐ **Skip records with the same host**  
The import will skip adding records with hosts that already exists.

☐ **Remove the existing hosts from the zone. WARNING!**  
If the import contains a host that already exists in the zone, the existing records will be removed from the zone and the imported record will be added.

Import Zone Close

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).

```
zone_import_1583267662 -comment
;
;*****
; LIST OF CHANGES
;*****
;
; DATE      NAME      DESCRIPTION
; 2020040101 John Doe   created file
; 2020040102 John Doe   added update
; 2020050402 Jane Doe   abc changed
;
;*****
; $TTL 86400
```

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

testadd.

Default Group | Some Group

Push Zone Now Schedule Push Export Zone Import Zone

```
;*****
; LIST OF CHANGES
;*****
;
; DATE      NAME      DESCRIPTION
; 2020040101 John Doe   created file
; 2020040102 John Doe   added update
; 2020050402 Jane Doe   abc changed
;
;*****
```

Advanced Settings

## 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