

# Zone View

## The Zone View Page

example.com.

Example Group

Push Zone Now

Schedule Push

Export Zone

Import Zone

Edit the comment.

Advanced Settings

DNS Records

Add a New

NS

Record

Add

Record Type	Record Data	Actions
SOA	host.example.com. hostmaster.example.com. ( 2023041000 172800 900 3600 86400 )	
NS	host.example.com. maps to ns1.example.com.	<div>Delete</div> <div>Check</div> <div>Perms</div>

Attached Servers

Server Name	Server Backend	Server Type	Server Status	Actions
Servers inherited from "Example Group"				
BIND DNS QA Server	ISCBIND	master		<div>Push</div> <div>Perms</div>

Attach server :

Select Server

Use Default Type (Recommended)

Attach

Zone Backups and Attached Files

Show current zone export

Zones may be edited by clicking on the Zone name in any zone list in which it appears - from the DNS Zones Zone List, zones listed under DNS Groups, under DNS Server attached zones list, or from the DNS Gadget.

Clicking on the zone name opens up the Zone View page, from where comments may be added, records added or updated, servers attached to the zone, advanced settings edited, backups restored or the zone pushed / exported.

This section focuses on a general UI overview of the Zone View page.

For detailed instructions on how to perform specific zone tasks on this page, see [Working with DNS Zones](#).

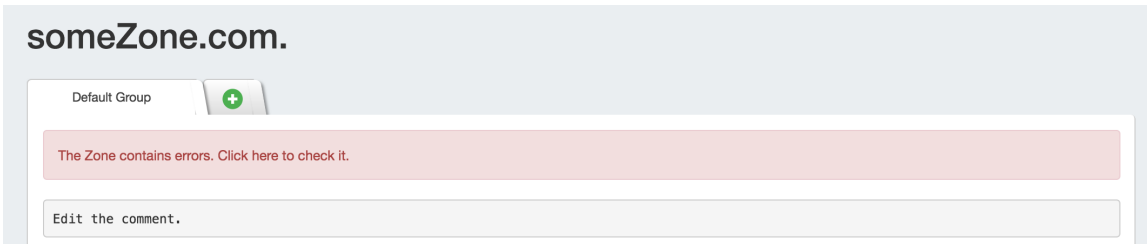
Areas of the Zone View page include:

- The Zone View Page
  - Error Notification
  - Zone Actions
  - Comments
  - Pending Approvals
  - Advanced Settings
  - DNS Records
    - Filter Records
  - Scheduled Tasks
  - Attached Servers
  - Zone Backups
  - Current Zone Export
  - Additional Information:

## Error Notification

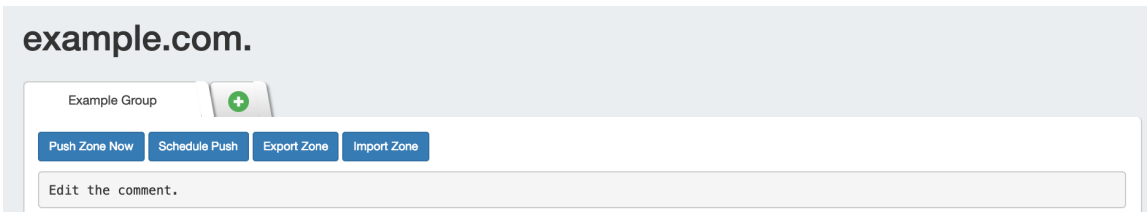
If errors are detected for the zone, an error notice will be given at the top of the group tab for the zone. To review the error, click on the message, and it will list the number of errors present, and details if available.

Records with errors will be highlighted in red in the records list.



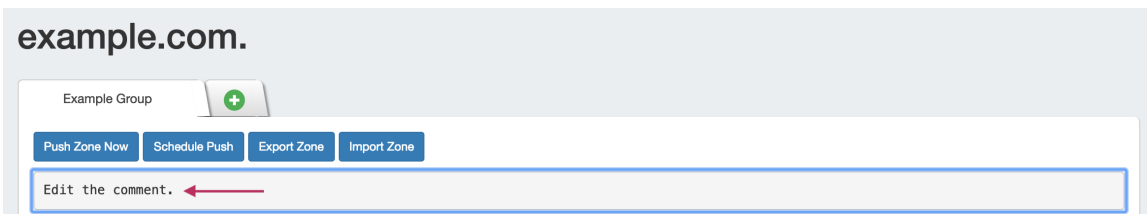
## Zone Actions

Zone actions that may be taken include pushing the zone ("Push Zone Now"), scheduling a zone push ("Schedule Push") or exporting the zone to a .zone file ("Export Zone").



## Comments

To add a comment to a zone, click anywhere inside the comment area and begin typing. The comment will be saved when an area outside of the comment box is clicked, deselecting the comment area.



## Pending Approvals

If the Approvals system is used, pending approval events for the zone or records will appear in an expandable module under the zone comment.

Users who submitted a change request will see the action and data details for their request.

Admin users who can approve/reject the change will see all details plus buttons to Approve or Reject the change. See [Approvals](#) for additional information.

Example Group



Push Zone Now

Schedule Push

Export Zone

Import Zone

Edit the comment.

#### Resources Awaiting Approval



Approval Action	Type	Resource Data	Approval Info	Actions
BackgroundPush	Zone	<a href="#">Details</a> hostmaster.example.com. mail.example.com. ( 2019010901 172800 900 3600 86400 )	Submitter : limited@6connect.com	<a href="#">Approve</a> <a href="#">Reject</a>

## Advanced Settings

Open the zone "Advanced Settings" section by clicking on the header or the expansion arrow (>).

Advanced Settings

Parent Resource:

Example Group

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

Enable DNSSEC:

OFF

Enable Dynamic Updates:

OFF

This feature is using the dynamic update functionality of the DNS Server. Every record that you modify/remove/create will be updated on the servers automatically without pushing the zone if the queue is not enabled.

Disable Master-Slave handling:

OFF

By default ProVision handles the master and slave specific options in the zone automatically. By enabling this option ProVision will not add specific configuration options to the zone depending on the server configuration.

Disable Zone Export:

OFF

If set to ON the Zone File will not be created on push.

Disable Zone Monitor:

OFF

If set to ON the DNS Monitor functionality will disabled for this zone.

Forwarders List:

ex. 192.168.3.0; 192.168.3.1

The list will be added to the forwarders list for forward type zones.

Also-Notify List:

ex. 192.168.3.0; 10.10.3.0/24

The list will be added to the also-notify list on the DNS servers that support this option.

Allow Update List:

ex. 192.168.3.0; 10.10.3.0/24

The list will be added to the allow-update list on the DNS servers that support this option.

Allow Transfer List:

ex. 192.168.3.0;

The list will be added to the allow-transfer list on the DNS servers that support this option. On exporting a zone to a master server, the slaves are automatically added !

Allow Notify List:

ex. 10.1.0.15; 172.28.32.7;

The list will be added to the allow-notify list on the DNS servers that support this option. On exporting a zone to a slave server, the masters are automatically added !

Allow Query List:

ex. 192.168.1.1; 192.168.1.2; 10.10.3.0/24

The list will be added to the allow-query list on the DNS servers that support this option.

Zone Permissions :

Set Permissions

The Zone Permissions can be set by "Set Permissions" button above. This will affect which user groups can view and edit the zone.

Free Lines (Dangerous):

The content inside this field will be append to the zone section of the server configuration. Please be very careful with this field as it can cause configuration errors ! They are currently valid only for ISC Bind.

Server Specific Free Lines (Dangerous):

BIND DNS QA Server

Add new

Save

Here, you will find options for:

**Parent Resource:** Sets the zone's Parent Resource, which affects the permissions access for the zone. By default, the parent is set as the DNS Group the zone is in.

**Enable DNSSEC:** Toggle "On" or "Off" to enable DNSSEC for the zone, if supported by the attached server.

**Enable Dynamic Updates:** Toggle "On" or "Off" to enable Dynamic Updates for the zone, if supported by the attached server.

**Disable Master-Slave Handling:** Toggle "On" to disable automatic zone handling for specific server configurations.

**Disable Zone Export:** Toggle "On" to disable zone file creation on push.

**Disable Zone Monitor:** Toggle "On" to disable DNS monitoring functionality for a zone.

**Forwarders List:** Add IPs to forwarders list for forward type zones.

**Also-notify List:** Add IPs to also-notify list of the attached DNS sever, if supported.

**Allow Update List:** Add IPs to the allow updates list of the attached DNS sever, if supported.

**Allow Transfer List:** Add IPs to the allow transfer list of the attached DNS sever, if supported. Slaves are automatically added if exporting a zone to a master server.

**Allow Notify List:** Add IPs to the allow notify list of the attached DNS sever, if supported.

**Allow Query List:** Add IPs to the allow query list of the attached DNS sever, if supported.

**Zone Permissions (Admin):** Directly adjust User Group CRUD permissions for this zone.

**Free Lines:** Enter free lines to append to the zone section of the server configuration for the attached server (ISC BIND only). Use with caution - this can cause configuration errors if mistakenly included.

**Server Specific Free Lines:** Select a DNS server and click "Add New" to add server-specific Free Lines.

**Save Button:** Be sure to click "save" when edits are complete, or changes will not be saved.

## DNS Records

The DNS Records list on the View zone page contains options to add a new record of the selected type, edit record information, delete a record, check record, or edit permissions (admins only).

DNS Records		
Add a New <span>A</span> Record <span>Add</span>		
Record Type	Record Data <span>Q</span>	Actions
SOA	hostmaster.example.com. mail.example.com. ( 2019022101 172800 900 3600 86400 )	
NS	host.example.com. maps to ns1.example.com	<span>Delete</span> <span>Check</span> <span>Perms</span>

## Filter Records

Filter the records list by clicking the "filter" icon next to "Record Data".

DNS Records		
Add a New <span>A</span> Record <span>Add</span>		
Record Type	Record Data <span>Q</span>	Actions
NS <span>⌵</span>	Host : <input type="text" value="Filter Host..."/> Value : <input type="text" value="Filter Record Value..."/> Status : <span>⌵</span>	<span>Q Filter</span>
NS	host.example.com. maps to ns1.example.com	<span>Delete</span> <span>Check</span> <span>Perms</span>

Then, select the desired record type, host / value names, or status. Then, click "Filter".

DNS records may also be reviewed and managed from the **DNS Records** sub-tab.

For additional detail on working with DNS Records on this page, see [Working with DNS Records](#).

## Scheduled Tasks

If scheduled tasks (zone pushes) have been set up for the zone, they will appear under a "Scheduled Tasks" section.

Tasks here will also show in the [Admin Scheduler](#) task list.

#### Scheduled Tasks

Task Name	Last Run	Repeat Time	Actions
Scheduled Push: someZone.com.		One time on 2017-06-02 at 11:05 PDT	<a href="#">Delete</a>

The task may be deleted by clicking the "delete" button.

See [Working with DNS Zones](#) for details on Scheduling zone pushes.

## Attached Servers

Servers attached directly to the zone, or inherited from the zone's parent DNS Group will be shown here.

Additional servers may be attached by selecting the server name, type (default, master, slave), and clicking the "Attach" button, as long as the user has permissions on both the zone and the server to attach. After attached, users with sufficient permissions may detach, push, or edit permissions on the server.

#### Attached Servers

Server Name	Server Backend	Server Type	Server Status	Actions
Servers inherited from "Example Group"				
<a href="#">BIND DNS QA Server</a>	ISCBIND	master		<a href="#">Push</a> <a href="#">Perms</a>

Attach server :   [Attach](#)

To detach a server from a zone, look for the server under the "Attached Servers" list, then click "Detach" under actions for that server.

Servers that are attached via inheritance from a DNS Group will not be able to be detached at the zone level.

## Zone Backups

If a zone has had changes successfully pushed, a "Zone Backups" section appears near the bottom of the page, showing the date and time of the backup.

#### Zone Backups

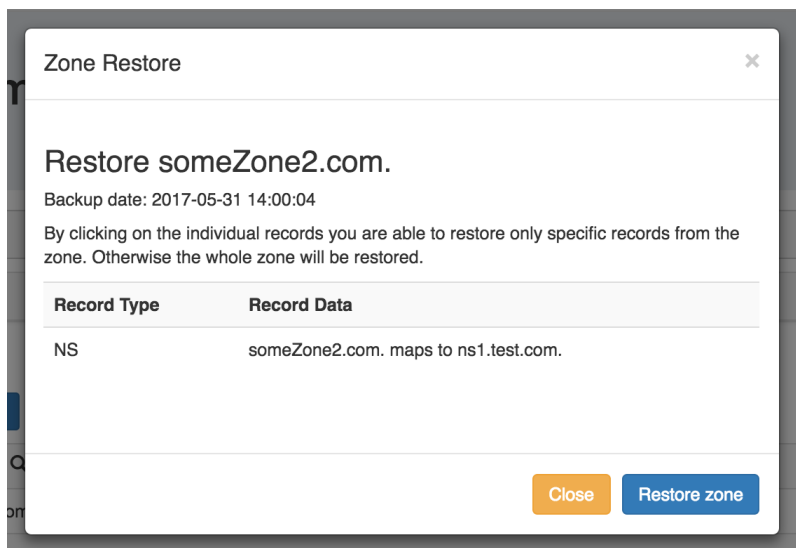
##### Backup Date

2019-02-21 13:17:34

2019-02-20 14:19:06

2019-01-28 13:15:05

To view details, or restore the zone to the previous version, click on the row of the desired date/time backup, and the "Zone Restore" module will open.

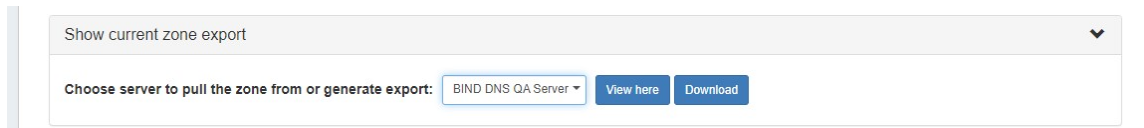


From here, you may restore individual records by clicking on them, or restore the entire zone by clicking the "Restore Zone" button.

To exit without saving, click the "Close" button.

## Current Zone Export

To view or download current zone information, expand the "Show Current Zone Export" module. Then, select the DNS server to pull from and select either "View Here" or "Download".



"View Here" will display a read only text data display of the zone information directly in the module.

"Download" will download a .zone file for the zone from the selected server.

## Additional Information:

For more information on working with DNS Zones, Groups, and Servers, see the following sections:

- [Working with DNS Groups](#)
- [Working with DNS Zones](#)
- [Working with DNS Records](#)
- [DNS Administration](#)
- [Import DNS Zones](#)
- [Approvals](#)