# **Zone View**

## The Zone View Page

	00111.				
Example Group	0				
Push Zone Now	Schedule Push Expor	t Zone Import Zone			
Edit the commer	nt.				
Advanced Set	ttings				>
DNS Reco	rds				
Add a New NS	Record Add				
Record Type	Record Data Q				Actions
SOA	host.example.com. hos	stmaster.example.com. ( 20230	41000 172800 900 3600 8640	00)	
NS	host.example.com. ma	ps to ns1.example.com.			Delete Check Perms
Attached Serve	ers				
Server Name		Server Backend	Server Type	Server Status	Actions
		Servers	s inherited from "Example G	roup"	
BIND DNS QA Se	erver	ISCBIND	master		Push
Attach server :	Select Server	Use Default Type (Recommended	Attach		
Zone Backups	s 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 will errors will be highlighted in red in the records list.

someZone.com.		
Default Group		
The Zone contains e	errors. Click here to check it.	
Edit the comment.		

## **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").

example.com.	example.com.		
Example Group			
Push Zone Now Schedule Push	Export Zone Import Zone		
Edit the comment.			

### **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.

example.com.				
Example Group				
Push Zone Now Schedule Push	Export Zone Import Zone			
Edit the comment. ┥	-			

### 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.	cor	n.			
Example Group	ſ	•			
Push Zone Now Sc	hedule Pu	ush Export Zone Import Zone			
Edit the comment					
Resources Awai	ting Ap	proval			>
Approval Action	Туре	Resource Data	Approval Info	Actions	
BackgroundPush	Zone	Details hostmaster.example.com. mail.example.com. (2019010901 172800 900 3600 86400 )	Submitter : limited@6connect.com	Approve Reject	

## 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
Disable Master-Slave handling:	OFF By default ProVision handles the master and slave specific options in the zone automatically. By enabling this option
Disable Zone Export:	ProVision will not add specific configuration options to the zone depending on the server configuration.
Disable Zone Monitor:	OFF If set to ON the DNS Monitor functionaly 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
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):	
Server Specific Free Lines	I ne 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 I They are currently valid only for ISC Bind.           BIND DNS QA Server ▼         Add new
(Dangerous):	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 A	Record Add			
Record Type	Record Data Q	Actions		
SOA	hostmaster.example.com. mail.example.com. ( 2019022101 172800 900 3600 86400 )			
NS	host.example.com. maps to ns1.example.com	Delete Check Perms		

#### **Filter Records**

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

	~~	
Add a New A	Record Add	
Record Type	Record Data     Click to open filter options       Host:     Filter Host       Value:     Filter Record Value       Status:     \$	Q Filter
NS	host.example.com. maps to ns1.example.com	Delete Check Perms

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	Delete

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.

Server Name	Server Backend	Server Type	Server Status	Actions
	Server	s inherited from "Example G	roup"	
BIND DNS QA Server	ISCBIND	master		Push Perms

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.

Zone Restore	×	¢
Restore sor Backup date: 2017-0 By clicking on the in zone. Otherwise the	neZone2.com. 05-31 14:00:04 dividual records you are able to restore only specific records from the whole zone will be restored.	
Record Type	Record Data	
NS	someZone2.com. maps to ns1.test.com.	
	Close Restore zone	

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".

Show current zone export				*
Choose server to pull the zone from or generate export:	BIND DNS QA Server -	View here	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