

Configuring Split Horizon and Views

Configuring ACL Views

The ACL module applies the specified network lists to the in the named.conf for zones inside the group and the servers that belongs to the group, when exporting the group or zone.

- Create an ACL View
- Edit an ACL
- Delete an ACL
- Add an existing ACL to another Group

Additional Information

WARNING

If you see a view named "_6connectDefault" - DO NOT DELETE IT.

Create an ACL View

ACL views may be created under each DNS Group, accessed from the [DNS](#) tab **DNS Groups** sub-tab.

Expand the Group that you want the view applied to, and then expand the section "Applied ACLs" by clicking on the expansion arrow to the right of the section name.

The screenshot shows the 'Example Group' interface. At the top, there's a header with 'Example Group' and a dropdown arrow. Below it, the 'DNS Zones' section has several buttons: 'Add Zone' (green), 'Push Group' (blue), 'Schedule Push' (blue), 'Export Zones' (blue), 'Move Zones' (blue), and 'Perms' (orange). Under 'DNS Zones', there are tabs for 'Forward Zones', 'Reverse Zones', and 'Catalog Zones'. A table lists several zones with columns for 'Zone Name', 'Last Pushed', 'Last Modified', 'Records', 'Zone Status', and 'Actions'. The 'Actions' column contains buttons for 'Delete', 'Push', 'Move', 'Check', and 'Perms'. Below the table, there are several expandable sections: 'Attached Servers', 'Group Default Parameters', 'Applied ACLs' (which is expanded and has a red circle around its right arrow), and 'Catalog Zones settings'.

Zone Name	Last Pushed	Last Modified	Records	Zone Status	Actions
4oakcloneImport.	01/16/2023 09:16:32	11/10/2022 11:52:13	1		Delete Push Move Check Perms
amiquestinfo.com.	01/16/2023 09:16:34	11/10/2022 11:52:15	12		Delete Push Move Check Perms
example.com.	01/16/2023 09:16:33	01/25/2023 16:11:00	0		Delete Push Move Check Perms
test.com.	01/16/2023 09:16:37	12/13/2022 14:36:46	1		Delete Push Move Check Perms
testadd.	01/16/2023 09:16:32	11/10/2022 11:52:12	1		Delete Push Move Check Perms

If ACLs already exist, they will be shown under this section.

To add a new list, click the "Add or Edit ACL" button.

Applied ACLs

Group ACL settings are applied if the Group is used as View for servers that support Views.

Add or Edit ACL

ACL Name	ACL Networks	Actions
Attach ACL : Select ACL Attach		

If no ACLs currently exist, the dialog will only show inputs for ACL Name and ACL Networks - enter a Name and Network and click "Save Changes".

Add or Edit ACL

ACL Name:

ACL Networks:

Close **Save changes**

If previous ACLs exist, a "Create or Edit" selector will be available.

Since we are creating a new ACL, just keep this at the default value ("Create New ACL"), and enter in the Name and Network(s) for the new ACL. Separating multiple CIDRs with a comma (,).

Add or Edit ACL

Create or Edit: Create New ACL

ACL Name:

ACL Networks:

Close **Save changes**

When done, save the ACL by clicking "Save changes". The new ACL will be added to the Group's "Attach ACL" list. Choose the ACL from the dropdown and click "Attach".

Applied ACLs

Group ACL settings are applied if the Group is used as View for servers that support Views.

Add or Edit ACL

ACL Name	ACL Networks	Actions
Example List	10.10.3.0/24	Detach

Attach ACL :

Select ACL

Attach

Example List

Example List2

Edit an ACL

ACLs may be edited similarly to how they are created. Click the "Add or Edit ACL" button under the "Applied ACLs" module for the DNS Group. Select the ACL you wish to edit from the "Create or Edit" selector. Then, edit the Name or Network fields as desired.

Add or Edit ACL

Create or Edit:

Example List2

ACL Name:

Example List2

ACL Networks:

10.10.3.0/24,192.0.0.0/24,198.55.45.0/24

Delete

Close

Save changes

When done, click "Save Changes".

Detach an ACL from a Group

Detaching an ACL removes it from the Group, but the ACL will still exist for re-use in other Groups.

To detach an ACL, expand the "Applied ACLs" section under the desired Group, and click on the "Detach" button under the "Actions" column.

Applied ACLs

Group ACL settings are applied if the Group is used as View for servers that support Views.

Add or Edit ACL

ACL Name	ACL Networks	Actions
Example List	10.10.3.0/24	Detach
Example List2	10.10.3.0/24,192.0.0.0/24,198.55.45.0/26	Detach

Attach ACL :

Select ACL

Attach

The ACL will be removed from under the Group, but will remain in other Groups it exists under, as well as be selectable from the "Add ACL" window and "Attach ACL" dropdown.

Delete an ACL

ACLs may be deleted through the "Edit ACL" interface. Click the "Add or Edit ACL" button under the "Applied ACLs" module for the DNS Group. Select the ACL you wish to delete from the "Create or Edit" selector. Then, click the red "Delete" button under the Networks field.

Add or Edit ACL

Create or Edit: Example List2

ACL Name: Example List2

ACL Networks: 10.10.3.0/24, 192.0.0.0/24, 198.55.45.0/24

Delete

Close Save changes

The ACL will be permanently deleted, and will no longer show under any Groups to which it has been attached, nor show in the "Existing ACLs" list.

Add an existing ACL to another Group

Existing ACLs may be added to as many Groups as desired. If ACLs already exist, clicking the "Add or Edit ACL" button will give an additional option to "Create New".

To select a previously created ACL, select it from the "Attach ACL" dropdown and click "Attach".

Applied ACLs

Group ACL settings are applied if the Group is used as View for servers that support Views.

Add or Edit ACL

ACL Name	ACL Networks	Actions
Example List	10.10.3.0/24	Detach

Attach ACL : Select ACL

- Example List
- Example List2

Attach

Additional Information

For additional information on working in DNS, see the following sections:

- Working with DNS Servers
- Configuring ISC BIND Support
- Configuring PowerDNS Support
- Configuring Secure64 Support
- Configuring DNSSEC
- Import DNS Zones
- DNS Tab