

How to Configure a Shared Service

<https://campus.barracuda.com/doc/48203212/>

A shared service is configured on the cluster level. The service must first be created on the Barracuda NextGen Control Center **Shared Services** folder and then added to the individual virtual servers in the cluster.

Step 1. Create a Shared Service

1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > your range > your cluster**.
2. Expand your desired cluster, right-click **Shared Services**, and select **Create Shared Service**.
3. Enter a name for the service.
4. Select the type of shared service from the **Software Module** list:
 - **DNS** (default) – For more information, see [DNS](#).
 - **Firewall** – For more information, see [Distributed Firewall](#).
 - **SNMPd** – For more information, see [How to Configure the SNMP Service](#).
5. (optional) Specify the following parameters for the shared service (click **Next** and **Back** to navigate between the configuration pages):
 - **Administered by** – The administrators allowed to manage the cluster. You can select:
 - **all-authorized** (default) – Permits management for each configured administrator.
 - **restricted-set** – Lets you explicitly define the administrator who is allowed to manage the cluster.
 - **Privileged Admins** – Enter the Barracuda NextGen Admin login name of the corresponding administrator and click **Insert** to add them to the listing on the right.
 - **Access Notification** – In addition to the standard parameters **Service Default (Success)** and **Service Default (Failure)** (known from [Barracuda NextGen Firewall F-Series service configuration](#)), the access notification offers **success** and **failure** parameters for each of the 3 possible admin-access-notification profiles.
6. Click **Finish**.
7. Click **Activate**.

Step 2. Add the Shared Service to a Virtual Server

Add a Cluster Service to the virtual servers in the same cluster.

1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > your range > your cluster > your virtual server**.
2. Right-click the server node and select **Add Shared Service**.
3. Select the shared service you want to add and click **OK**.

4. Click **Activate**.

The Cluster Service is added to the **Service** node below the Cluster Server. **<DNS_servername> (DNS-Service)** and **<SNMPd_servername> (snmp)** service nodes are created as links to the unique Cluster Service below the **Cluster Service** node. The same applies to the global settings of the **<cfirewall_name> (cfirewall)** node. The **Cascaded Firewall Specific** node is the only object, which has to be configured below the **<servername> > Assigned Services** node directly, as settings made here apply per server and not per cluster (see: **Local Rules** section and **Special Rules** section in [Distributed Firewall](#)).

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