

## How to Configure a Shared Service

<https://campus.barracuda.com/doc/73719456/>

A shared service is configured on the cluster level. The service must first be created on the Barracuda Firewall 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 Firewall 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 CloudGen Firewall 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-Service)** and **(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)** node. The **Cascaded Firewall Specific** node is the only object, which has to be configured below the **> 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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