

## How to Configure a Shared Service

<https://campus.barracuda.com/doc/41115926/>

A shared service is configured on the cluster level. The service must first be created on the Barracuda NG Control Center 'shared services' folder and then added to the individual virtual servers in the cluster.

### Step 1. Create a Shared Service

1. Open the **Config > Full Config** page.
2. Expand your desired cluster and right-click the **Shared Services** object and select **Create Shared Service**.
3. Enter the name.
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:
  - **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 NG Admin login name of the corresponding administrator and click **Insert ...** to add them to the listing on the right.Via **Change** you may edit an already existing name. Select the wanted entry, modify the spelling, and click **Change** . By clicking **Delete** , the admin is removed from the list.
  - **Access Notification** – In addition to the standard parameters **Service Default (Success)** and **Service Default (Failure)** (known from Barracuda NG Firewall service configuration), the access notification offers **success** and **failure** parameters for each of the 3 possible admin-access-notification profiles.
6. 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. Expand **Multi-Range > rangename > lustername > Virtual Servers > servername** .
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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