

Service Objects

<https://campus.barracuda.com/doc/34930689/>

A service object contains a list of TCP/UDP ports and the used network protocols for a service. To reference network services when you create firewall rules, you can use the predefined service objects. If you want to reference custom services that are not in the default list or services on a non-standard port, you can create custom service objects.

Create a Custom Service Object

1. Go to **FIREWALL > Service Objects**.
2. In the **Custom Service Objects** section, click **Add Service Object**.
3. Enter a unique **Name**.
4. (optional) Enter a **Description**.
5. To include other service objects, select the service object from the **Existing Service Object** list and click **+**.
6. For each protocol/port combination enter the following information and click **+** at the end of the line:
 - **Protocol** – The protocol to be used.
 - **Port range** – A single port or port range used by the service. Port ranges are entered in the following format: [Start port] - [End port], e.g., 112-129. Omit any spaces in the range.
 - **Label** – Enter a label to be displayed in logs and reports. If left blank, a label is generated by combining the labels of the service objects included in the service object.
 - **Timeout** – Session timeout in seconds, if applicable.

Add Service Object ?

| Name: | <input style="width: 80%;" type="text" value="ServerFarm"/> | | | | | | | | | | |
|---|--|------------|------------|-------|---------|--|-----------|-----------|------------|-------|---|
| Description: | <input style="width: 80%;" type="text"/> | | | | | | | | | | |
| Existing Service Object: | <input style="width: 80%;" type="text" value="Any"/> <input type="button" value="v"/> <input type="button" value="+"/> <p style="font-size: small; margin-top: 5px;"><i>Include a list of already existing or predefined Service Objects.</i></p> | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #2c4e64; color: white;"> <th style="width: 20%;">Protocol</th> <th style="width: 20%;">Port Range</th> <th style="width: 20%;">Label</th> <th style="width: 20%;">Timeout</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>TCP [006]</td> <td>8080-8088</td> <td>ServerFarm</td> <td>86400</td> <td style="border: 2px solid orange; text-align: right;">+</td> </tr> </tbody> </table> | | Protocol | Port Range | Label | Timeout | | TCP [006] | 8080-8088 | ServerFarm | 86400 | + |
| Protocol | Port Range | Label | Timeout | | | | | | | | |
| TCP [006] | 8080-8088 | ServerFarm | 86400 | + | | | | | | | |

7. Click **Save**.

The custom service object is now listed in the **Custom Service Objects** section.

| Protocol | Port Range | Label | Timeout | |
|-----------|----------------------|----------------------|----------------------|---|
| TCP [006] | <input type="text"/> | <input type="text"/> | <input type="text"/> | + |
| TCP [006] | 8080-8088 | ServerFarm | 86400 |  - |

Edit a Custom Service Object

To edit a custom service object:

1. Go to **FIREWALL > Service Objects**.
2. In the **Custom Service Objects** section, click the edit symbol for the custom service object that you want to edit.
3. In the **Edit Service Object** window, edit the services for the object.
4. Click **Save**.

Delete a Custom Service Object

To delete a custom service object:

1. Go to **FIREWALL > Service Objects**.
2. In the **Custom Service Objects** section, click the trash can icon for the custom service object that you want to delete.
3. Click **OK** to confirm.

Figures

1. screenshot_01.png
2. screenshot_02.png

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