How to Configure Port Protocol Protection

https://campus.barracuda.com/doc/48202787/

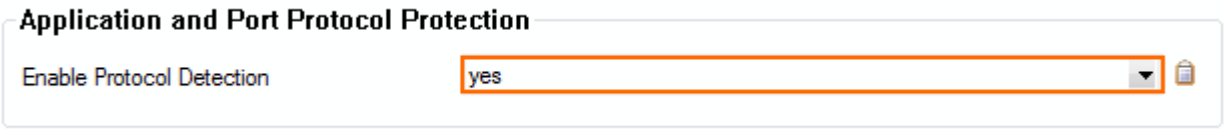
Port Protocol Protection uses deep packet inspection to enforce the used protocol on a port. Port protocol detection can be configured with a positive or negative security model. The white list policy allows only the selected protocols; the blacklist mode allows all protocols that are not selected.

Before you begin

Create a service object. For more information, see Service Objects.

Step 1. Enable Port Protocol Protection

1. Go to **CONFIGURATION > Configuration Tree > Box > Infrastructure Services > General Firewall Configuration**.
2. In the left menu, click **Application Detection**.
3. From the **Enable Protocol Detection** list, select **yes**.



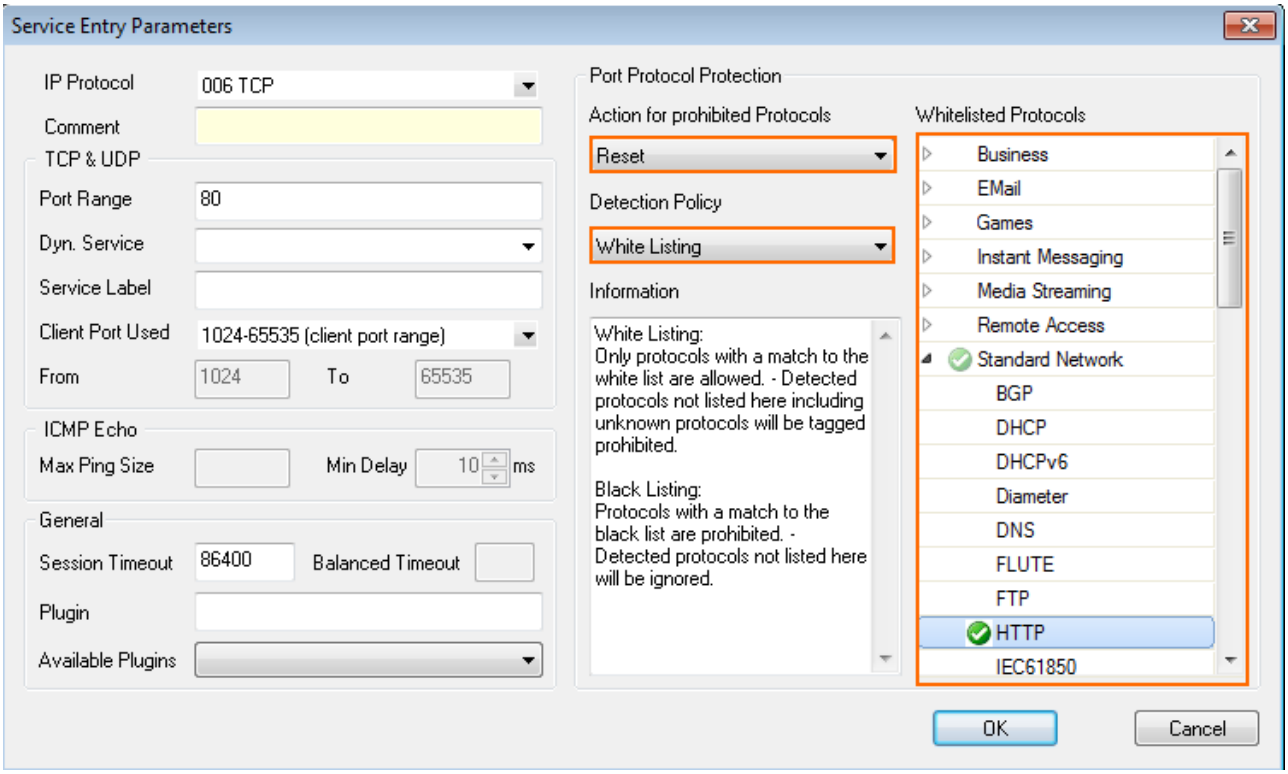
4. Click **Send Changes** and **Activate**.

Step 2. Add Port Protocol Protection to a service object

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > *your virtual server* > Assigned Services > Firewall > Forwarding Rules**.
2. In the left menu, click **Services**.
3. Double-click the service object. The **Edit/Create Service Object** window opens.
4. Double-click the service entry. The **Service Entry Parameters** window opens.
5. From the **Action for prohibited Protocols** list, select the Port Protocol Protection policy:
   - **No Protocol Protection** – Disable Port Protocol Protection.
   - **Report** – Report prohibited protocols on the **FIREWALL > Live** and **FIREWALL > History** pages.
   - **Reset** – Sessions using unallowed protocols are terminated with a TCP RST.
   - **Drop** – The session with the unallowed protocol is kept open, but the traffic is dropped.
6. From the **Detection Policy** list, select **While Listing** or **Black Listing**.
7. In the **Whitelisted Protocol** list, expand the menu items and double-click on every protocol

you want to add to the **Detection policy.**

8. Click **OK**



9. Click **OK**.
10. Click **Send Changes** and **Activate**.

Figures

1. port_protocol_protection_01.png
2. port_protocol_protection_02.png