

How to Configure Link Protection for Mail Security in the Firewall

<https://campus.barracuda.com/doc/73719339/>

Link Protection protects users from fraudulent links inside of plain-text and HTML emails. This cloud-based service requires an active Advanced Threat Protection (ATP) subscription.

Step 1. Activate Link Protection Globally on the Firewall

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Security Policy.**
2. Click **Lock**.
3. In the **Mail Security** section, enable Link Protection:
 - **Enable Link Protection** – Select the check box **Link Protection**.
 - **Link Protection Domain Whitelist** – Enter the domain names you want to exclude from being evaluated by Link Protection. The wildcards * and ? are allowed.

Mail Security

Mail Server SSL Certificates	
IP Address	SSL Certificate

DNSBL Server

Enable Link Protection Link Protection

Link Protection Domain Whitelist

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

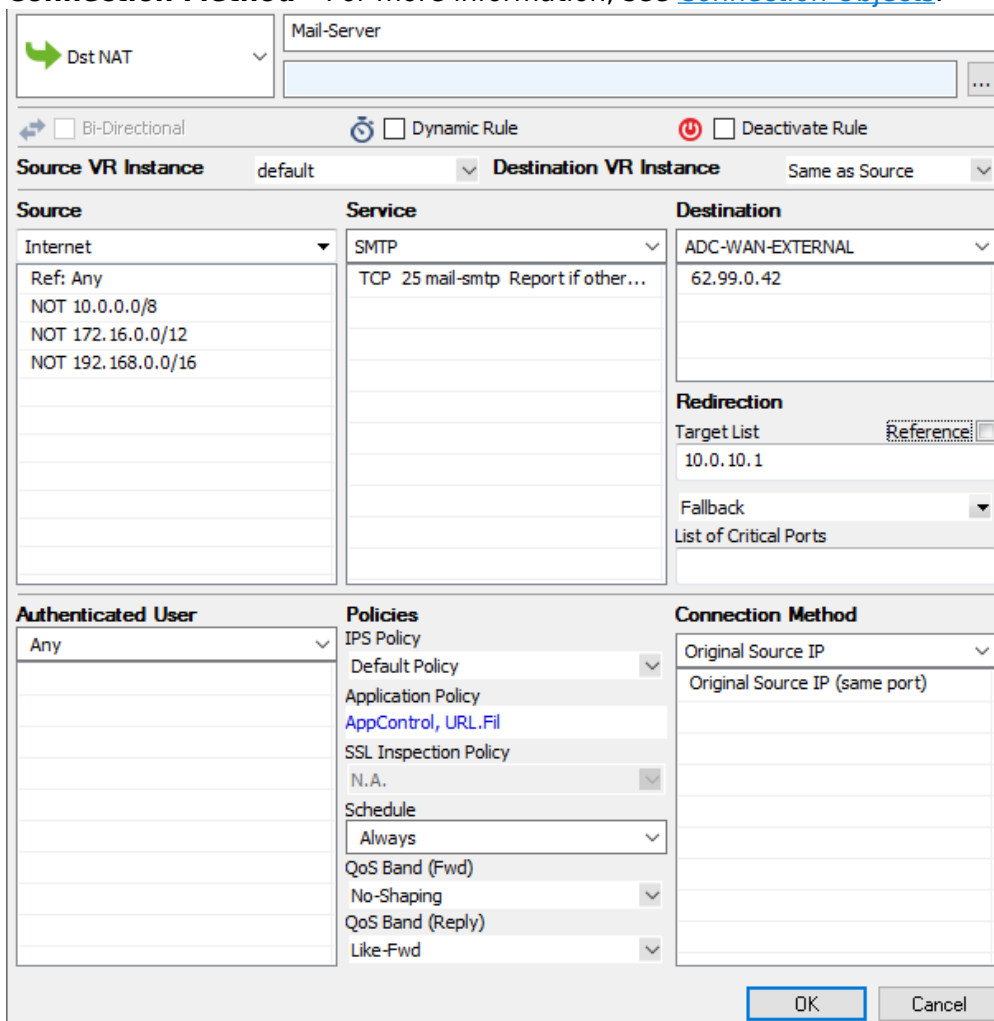
Step 2. Create a Dst NAT Access Rule to Forward Mail Traffic to the Mail Server

A **Dst NAT** access rule redirects SMTP traffic sent to an external IP address to a destination on the internal network.

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules.**
2. Click **Lock**.
3. Either click the plus icon (+) at the top right of the ruleset, or right-click the ruleset and select **New > Rule**.



4. Select **Dst NAT** as the action.
5. Enter a **Name** for the rule. For example, Mail-Server.
6. Specify the following settings that must be matched by the traffic to be handled by the access rule:
 - **Source** - The source addresses of the traffic.
 - **Destination** - The destination addresses of the traffic.
 - **Service** - Select **SMTP**.
 - **Target List** - Enter the internal IP of your mail server.
 - **Connection Method** - For more information, see [Connection Objects](#).

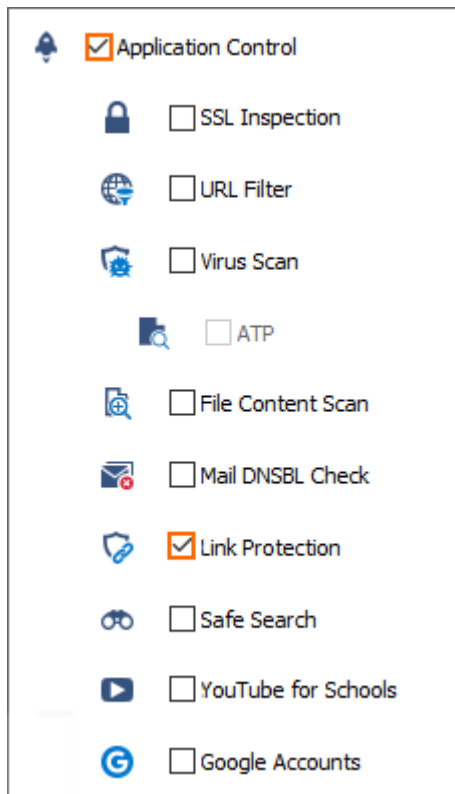


The screenshot shows the configuration window for a Dst NAT rule named "Mail-Server". The rule is configured with the following settings:

- Action:** Dst NAT
- Name:** Mail-Server
- Bi-Directional:**
- Dynamic Rule:**
- Deactivate Rule:**
- Source VR Instance:** default
- Destination VR Instance:** Same as Source
- Source:** Internet
 - Ref: Any
 - NOT 10.0.0.0/8
 - NOT 172.16.0.0/12
 - NOT 192.168.0.0/16
- Service:** SMTP
 - TCP 25 mail-smtp Report if other...
- Destination:** ADC-WAN-EXTERNAL
 - 62.99.0.42
- Redirection:**
 - Target List: 10.0.10.1 (Reference:)
 - Fallback:
 - List of Critical Ports:
- Authenticated User:** Any
- Policies:**
 - IPS Policy: Default Policy
 - Application Policy: AppControl, URL.Fil
 - SSL Inspection Policy: N.A.
 - Schedule: Always
 - QoS Band (Fwd): No-Shaping
 - QoS Band (Reply): Like-Fwd
- Connection Method:** Original Source IP (same port)

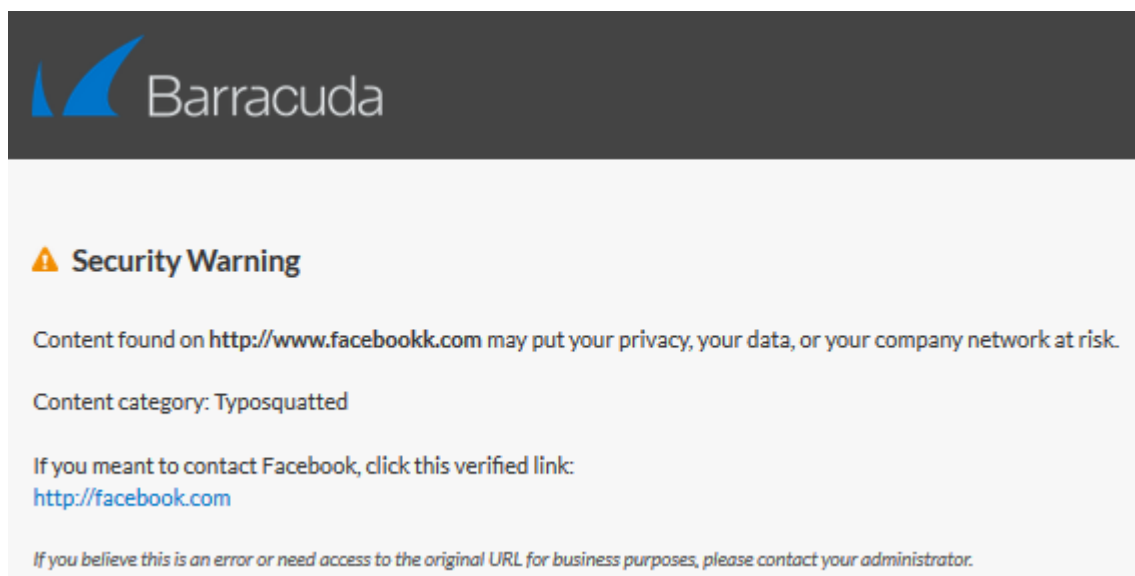
Buttons: OK, Cancel

7. In **Application Policy**:
 - **Application Control** - Select the check box. For more information on all Application Control features, see [Application Control](#).
 - **Link Protection** - Select the check box.



8. Click **OK**.
9. Drag and drop the access rule so that it is the first rule that matches the traffic that you want it to forward. Ensure that the rule is located *above* the BLOCKALL rule; rules located below the BLOCKALL rule are never executed.
10. Click **Send Changes** and **Activate**.

Your firewall is now configured to handle embedded WEB-links inside of plain-text and HTML emails. In case Link Protection detects a fraudulent URL, you will be redirected to a Security Warning page that will show up in your web browser, i.e.:



Figures

1. activate_globally_lp_01.png
2. FW_Rule_Add_01.png
3. add_access_rule_redirect_01.png
4. enable_application_rule_for_lp_01.png
5. securit_warning_page_01.png

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