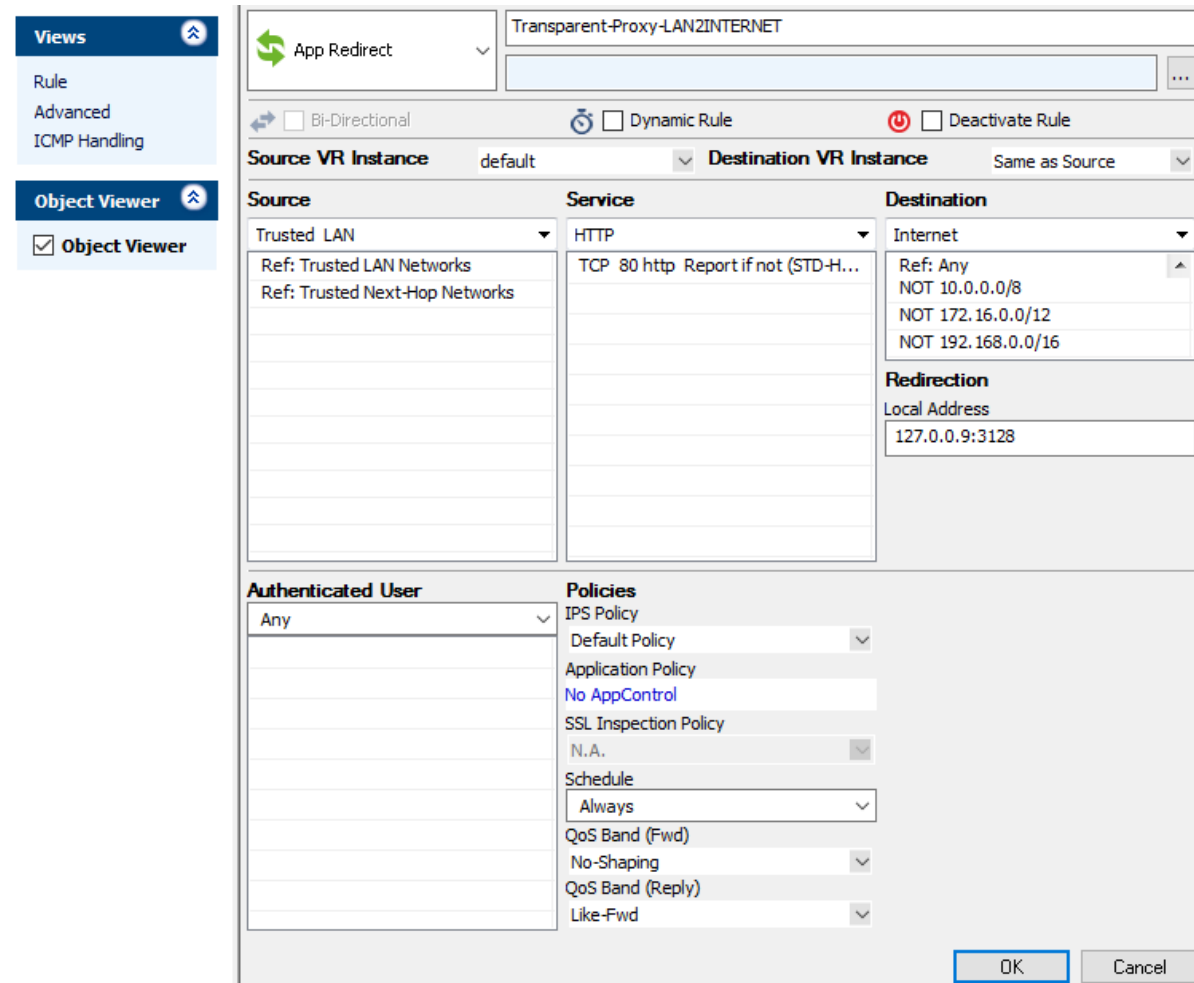


## How to Create an App Redirect Access Rule

<https://campus.barracuda.com/doc/96026195/>

The **App Redirect** access rule rewrites the destination IP address and forwards the traffic to service running on the CloudGen Firewall. For example, you can use an app redirect rule transparently redirect all web traffic over the HTTP proxy service.



The screenshot shows the configuration window for an 'App Redirect' rule. The rule name is 'Transparent-Proxy-LAN2INTERNET'. The action is 'App Redirect'. The rule is not bi-directional, not a dynamic rule, and is not deactivated. The source VR instance is 'default' and the destination VR instance is 'Same as Source'.

Source	Service	Destination
Trusted LAN Ref: Trusted LAN Networks Ref: Trusted Next-Hop Networks	HTTP TCP 80 http Report if not (STD-H...	Internet Ref: Any NOT 10.0.0.0/8 NOT 172.16.0.0/12 NOT 192.168.0.0/16

**Redirection**  
Local Address: 127.0.0.9:3128

**Authenticated User**: Any

**Policies**

IPS Policy	Default Policy
Application Policy	No AppControl
SSL Inspection Policy	N.A.
Schedule	Always
QoS Band (Fwd)	No-Shaping
QoS Band (Reply)	Like-Fwd

Buttons: OK, Cancel

### Create an App Redirect Access Rule

1. Go to **CONFIGURATION > Configuration Tree > Box > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. Either click the plus icon (+) in the top right of the rule set, or right-click the rule set and select **New > Rule**.



4. Select **App Redirect** as the action.

5. Enter a **Name** for the rule. For example, Transparent -Proxy-LAN2INTERNET.
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 a service object, or select **Any** for this rule to match for all services.
7. Enter the **Redirection** IP address and optional port as the **Local Address**. For example, 127.0.0.9:3128 for the HTTP proxy service.
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**.

## Additional Matching Criteria

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- **Authenticated User** – For more information, see [User Objects](#).

## Additional Policies

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- **IPS Policy** – For more information, see [Intrusion Prevention System \(IPS\)](#).
- **Application Control** – For more information, see [Application Control](#).
- **SSL Inspection Policy** – For more information, see [SSL Inspection in the Firewall](#).
- **Schedule Objects** – For more information, see [Schedule Objects](#).
- **QoS Band (Fwd) or QoS Band (Reply)** – For more information, see [Traffic Shaping](#).

## Figures

1. FW\_AppRedirect.png
2. FW\_Rule\_Add01.png

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