

## How to Create and Apply Custom User Objects

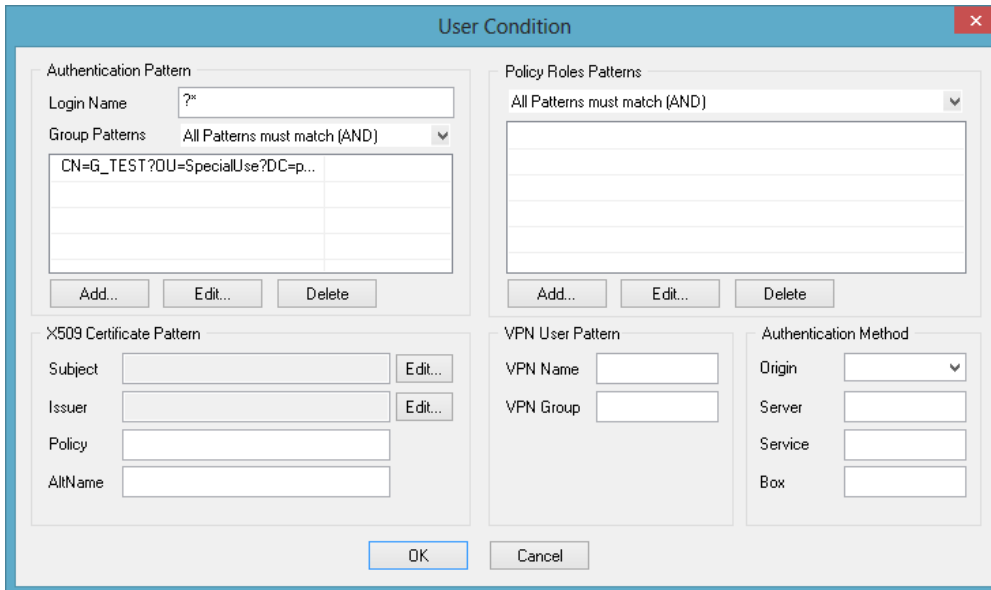
<https://campus.barracuda.com/doc/79463003/>

Create custom user objects to reference users and groups for implementation within the Barracuda CloudGen Firewall forwarding rule set. In a user object, you can enter conditions such as authentication patterns and policy roles, depending on your requirements, to define the users that you want to include in the user object. You can also reference other user objects that have already been configured.

### Create a User Object

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. From the left menu, select **Users and Groups**.
4. Right-click the table and select **New**.
5. In the **Edit/Create User Object** window, enter a **Name** for the user object. E.g., Trusted LAN Users
6. Click **New** to add a user condition. The **User Condition** window opens.
7. Enter the **Login Name**. Question marks (?) and asterisks (\*) are allowed. If you enter a question mark and asterisk (?\*), you must also enter at least one character.
8. From the **Group Patterns** list, select the required group condition. You have the following options:
  - **One Pattern must match (OR)** - Users must match one of the patterns listed in the **Group Patterns** section.
  - **All Patterns must match (AND)** - Users must match all the patterns listed in the **Group Patterns** section.
9. Click **Add** to select your users. The **Edit Group Pattern** window opens.

This option lets you perform an **AD Lookup**. Select **Use current AD Connection** to check entries from your configured Active Directory domain controller or enter your search criteria in the provided fields.
10. Select the users and/or groups the user object applies to, and click **OK**.



11. After you specify the conditions for all of the users that you want to include in this object, click **OK** to create the user object.
12. Click **Send Changes** and **Activate**.

If you are using Offline Authentication, ensure that user-specific rules are sequenced after the fwauth rule (see [How to Configure Offline Firewall Authentication](#)).

## Apply a User Object to an Access Rule

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Rules**.
2. Click **Lock**.
3. Edit the access rule that you want to apply the user object to.
4. From the **Authenticated User** list, select the user object.
5. Click **OK**.
6. Click **Send Changes** and **Activate**.

## Figures

### 1. custom\_user\_object.png

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