
How to Configure MSAD DC Client Authentication

<https://campus.barracuda.com/doc/43846940/>

The Barracuda DC Client receives user authentication information from Barracuda DC Agents installed on Microsoft domain controllers.

Before you Begin

Before you configure MSAD DC Client authentication, you must install the Barracuda DC Agent on the Microsoft Active Directory server. For more information, see [Barracuda DC Agent for User Authentication](#).

Configure the MSAD DC Client

Configure MSAD DC Client settings on the Barracuda NG Firewall:

1. Go to **CONFIGURATION > Configuration Tree > Box > Infrastructure Services > Authentication Service**.
2. In the left menu, click **MSAD DC Client**.
3. Click **Lock**.
4. Set **Activate Scheme** to **Yes**.
5. In the **Server Setting** table, add all Microsoft Active Directory servers running the Barracuda DC Agent.
6. For each entry, specify the **IP Address** of the Active Directory server running the DC Agent.
7. Enter the **TCP Port** of the Active Directory server running the DC Agent (default: port 5049).
8. If group information is queried from a different authentication scheme, select the scheme from the **User Info Helper Scheme** list.
9. Click **OK**.
10. In the **Group Filter Patterns** table, you can add patterns to filter group information from the directory service.
Example:
 - **Group Filter Pattern:** *SSL*
 - **User01:** CN=foo, OU=bar, DC=foo-bar, DC=foo
 - **User02:** CN=SSL VPN, DC=foo-bar, DC=fooIn this example, User01 does not have the *SSL* pattern in its group membership string and will not match in group-based limitations.
11. Click **Send Changes** and **Activate**.

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