How to Configure MSAD DC Client Authentication

https://campus.barracuda.com/doc/72516164/

The Barracuda DC Agent is the connector between various Barracuda Networks products and Microsoft domain controllers to transparently monitor user authentication. You can install the Barracuda DC Agent either on the domain controller or on a dedicated Windows PC on the office network. The Barracuda DC Agent periodically checks the domain controller for login events and to obtain a record of authenticated users. The IP addresses of authenticated users are mapped to their username and group context. The list of authenticated users is provided to the firewall, allowing true single sign-on capabilities.

Before You Begin

Before you configure MSAD DC Client authentication, you must install the Barracuda DC Agent on the Microsoft Active Directory server.

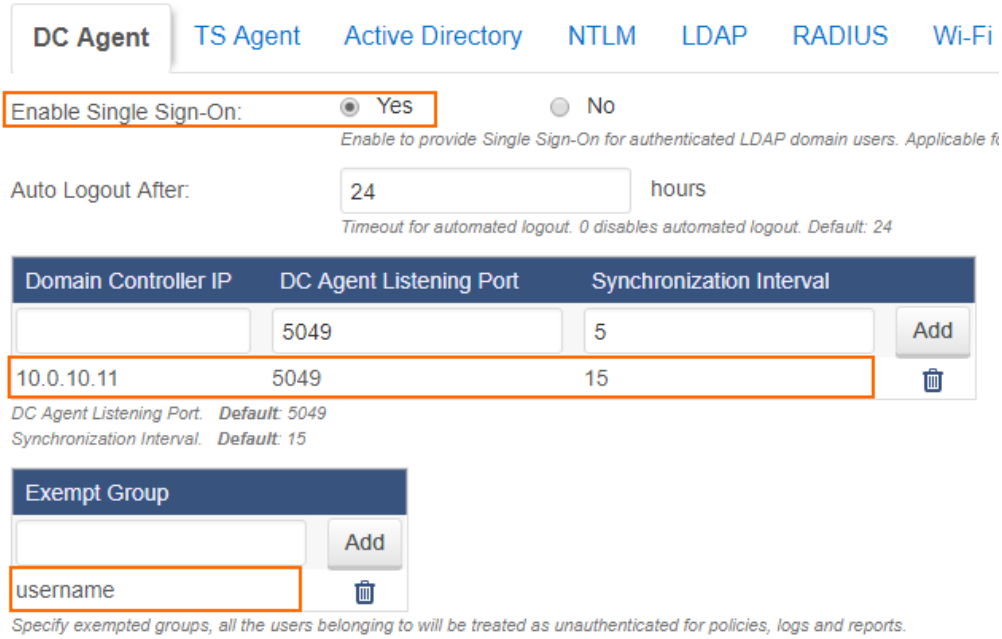
> Do not install the Barracuda DC Agent on Windows server domain controllers that are configured to use NTLM.

For more information, see Barracuda DC Agent for User Authentication.

Configure the MSAD DC Client

Configure the CloudGen Firewall to communicate with the Barracuda DC Agent and specify the domain controllers where the Barracuda DC Agent is installed.

1. Go to **USERS > External Authentication**.
2. Click the **DC Agent** tab.
3. Set **Enable Single Sign-On** to **Yes**.
4. In the **Domain Controller IP** field, enter the IP address of the domain controller running the DC Agent. The CloudGen Firewall polls the DC Agent to obtain the list of users authenticated against this domain controller.
5. Enter the **DC Agent Listening Port**. Default: 5049.
6. In the **Synchronization Interval** field, specify the time interval in seconds at which the firewall should poll the DC Agent for the list of authenticated users. The recommended value is 15 seconds.
7. Click **Add**.
8. Enter the username in the **Exempt User Name** field to exclude specific domain users. You can use Perl-compatible regular expression (PCRE) pattern-matching notation, such as \w for any alphanumeric character or \W for any non-alphanumeric character.
9. Click **Add**.



Remove the User from the User Database

On the **BASIC > User Activity** page, right-click the user and click **Logout Selected**. The user now must re-authenticate on the domain controller, for example by accessing a network share or by logging into his/her workstation.

Figures

1. dc-agent.gif
2. dc_user.png