

How to Configure Barracuda DC Agent Authentication

https://campus.barracuda.com/doc/43224453/

The Barracuda DC Agent enables the Barracuda NextGen Firewall X-Series to transparently track user login activity in your Windows domains. When installed on a domain controller that runs either Windows Server 2003 with Service Pack 2 (SP2) or Windows Server 2008 or above, the Barracuda DC Agent monitors the user authentication logs. Configure the X-Series Firewall to query the Barracuda DC Agent so that it can learn which IP address is used by a network user.

Before you Begin

Download and install the Barracuda DC Agent on your domain controller or dedicated Windows PC. The DC Agent can be downloaded directly from your X-Series Firewall:

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

- 1. Go to the **USERS** > **External Authentication** page.
- 2. Click the **DC Agent** tab.
- 3. Click **Download DC Agent**.
- 4. Install the DC Agent. For more information, see <u>How to Get and Configure the Barracuda DC Agent</u>.

When configuring the Barracuda DC Agent, add the IP address(es) of your X-Series Firewall and configure local audit policies to generate an account login event whenever a user authenticates via the domain controller.

Configure DC Agent Authentication

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

- 1. Go to the **USERS** > **External Authentication** page.
- 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 X-Series Firewall polls the DC Agent to obtain the list of users authenticated against this domain controller.

Barracuda NextGen Firewall X



- 5. Enter the **DC Agent Listening Port**. Default: 5049.
- 6. In the **Synchronization Interval** field, specify the time interval in seconds at which the X-Series 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.

Barracuda NextGen Firewall X



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