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## How to Configure MSNT Authentication

<https://campus.barracuda.com/doc/73719678/>

Windows NT (MSNT) is used as external directory service, e.g., to authenticate Client-to-Site VPN users. MSNT validates user accounts and authorizes access to local or remote systems or domains at log-on of type local, domain, or trusted domain. On the Barracuda CloudGen Firewall, you can configure MSNT as an external authentication scheme.

### Before you Begin

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MSNT does not provide group information. To create groups, see [How to Configure Explicit Groups](#).

### Configure MSNT

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To configure MSNT for external authentication with the Barracuda CloudGen Firewall:

1. Go to **CONFIGURATION > Configuration Tree > Box > Infrastructure Services > Authentication Service**.
2. In the left menu, select **MSNT Authentication**.
3. Click **Lock**.
4. Enable MSNT as external directory service.
5. In the **Domain Controller Name** table, add an entry for each domain controller. You can edit the following settings:
  - **Domain Controller Name** - Name of the primary domain controller, without the domain suffix. The name must be DNS-resolvable.
  - **Domain Name** - Name of the domain.
  - **Domain Controller IP** - IP address of the domain controller. If given, the IP address is used instead of the hostname.
6. Click **OK**.
7. If group information is queried from a different authentication scheme, select the scheme from the **User Info Helper Scheme** list.
8. Click **Send Changes** and **Activate**.

### MSNT Authentication Through the Remote Management Tunnel

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To allow remote CloudGen Firewalls to connect to the authentication server through the remote management tunnel, you must activate the outbound **BOX-AUTH-MGMT-NAT** Host Firewall rule. By

default, this rule is disabled.

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