

## Authentication

<https://campus.barracuda.com/doc/72516419/>

Beyond its powerful network firewall and VPN technologies, the CloudGen Firewall provides seamless integration with all authentication methods (e.g., Active Directory, RADIUS, LDAP/s, etc.) to facilitate policy configuration based on the actual user and group information and not just IP addresses. User visibility and control is a significant factor for handling network traffic and creating policies. If you do not have an external authentication server available, you can create and maintain a list of local users and groups on the firewall. The firewall can also use the [Barracuda DC Agents](#) on the MSAD server and the [Barracuda Terminal Server Agents](#) on the Microsoft Terminal Server to provide fully transparent user authentication.

You can use local and external authentication for the following services and features:

- Forwarding Firewall and Firewall Authentication
- URL Filter
- VPN Service (C2S VPN and SSL VPN)

## External Authentication

By integrating the CloudGen Firewall with your authentication server, you can configure policies that apply to specific users and groups. The CloudGen Firewall lets you configure a range of external authentication schemes, such as

- [Microsoft Active Directory \(MSAD\)](#)
- [Lightweight Directory Access Protocol \(LDAP\)](#)
- [RADIUS](#)
- [NTLM](#)
- [Wi-Fi AP Authentication](#)
- [Barracuda DC Agent](#)
- [Barracuda Terminal Server Agent](#)
- [Online Certificate Status Protocol \(OCSP\)](#)

## Local Authentication

If no external authentication service is available, NGF Local Authentication locally manages users and groups on your CloudGen Firewall.

For more information, see: [How to Configure NGF Local Authentication](#).

## Guest Access

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To grant guest users access to the network, you can use the following methods:

- **Confirmation Page** - Prompts guests to agree to Terms of Service before they can access the network. For more information, see [How to Configure Guest Access with a Confirmation Page](#).
- **Guest Ticketing** - Assigns guests with tickets that give them credentials to temporarily access the network. For more information, see [How to Configure Guest Access with the Ticketing System](#) and [How to Manage Guest Tickets - User's Guide](#).

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