

How to Configure TS Agent Authentication

<https://campus.barracuda.com/doc/41116433/>

Use the Barracuda TS Agent to authenticate users on a Microsoft Terminal Server. The TS Agent is installed as a service on the Microsoft Terminal Server. Each user is assigned a dedicated port range that is transmitted over an SSL encrypted connection to the Barracuda NG Firewall. This information enables the Barracuda NG Firewall to identify individual users even though the traffic is coming from the same source IP address. The TS Agent detects both login and logout events. Citrix Desktop deployments on Windows Terminal Servers are also supported. You can use SSL client certificates to authenticate the remote TS Agent on the Terminal Server, or if no SSL certificates are configured, allow all incoming SSL connections.

Before You Begin

- Install the Barracuda TS Agent on the Microsoft Terminal Server(s). For instructions, see [How to Set Up the Barracuda Terminal Server Agent](#).
- (Optional) Create SSL client certificates.
- Verify that the Host Firewall rule **BOX-AUTH-TSAGENT-SYNC-IN** (TCP Port 5050) is present in the Host Firewall **Inbound** rulelist (**Config > Full Config > Infrastructure Services > Host Firewall Rules**). You can find the default Host Firewall rules, here: [Default Host Firewall Rules](#).

Configure TS Agent Authentication

On the Barracuda NG Firewall, enable and configure connections with the Barracuda TS Agent.

1. Open the **Authentication Service** page (**Config > Full Config > Infrastructure Services > Authentication Service**).
2. In the left pane, click **TS Agent Authentication**.
3. Click **Lock**.
4. Set **Activate Scheme** to **Yes**.
5. Enter **Auto Logout After [d]** to automatically log out users after a certain number of days.
6. (Optional) In the **TS Agent Certificates** section, click **+**. The **TS Agent Certificates** window opens.
 1. Enter the **Subject Alternative Name** of the SSL client certificate.
 2. Upload the SSL client certificate.
 3. Click **OK**.
7. (optional) Set **Strip Domain Name** to **Yes**. E.g., *MYDOMAIN\myuser* will become *myuser*.
8. In the **TS Agent IP Addresses** section, add the IP addresses for the Microsoft Terminal Server the TS Agent is running on.
9. Click **Send Changes** and **Activate**.

© Barracuda Networks Inc., 2019 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.