

# 802.1X Configuration example for TP-LINK 1500G-8T LAN switch

Example of LAN switches supporting 802.1X security: TP-LINK 1500G-8T. Connect to the switch Web configuration interface and configure the switch as described below:

<b>Security/AAA/Dot1x config/</b> menu	<b>value</b>
Authentication method	radius
Accounting method	radius

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<b>Security/AAA/Radius config</b> menu	<b>value</b>
Server IP	<IP_address_of_the_RADIUS_authentication_server> <sup>1</sup>
Shared key	
Authentication port	1812
Accounting port	1813

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<sup>1</sup> Warning: the IP address ending with the number 0 (for example, XXX.XXX.XXX.0) may not be supported in the TP-LINK 1500G-8T interface.

<b>Security/802.1x/Global Config</b> menu	<b>value</b>
802.1X	Enabled
Authentication protocol	EAP
Accounting	Enabled
Handshake	Disabled
VLAN assignment	Disabled

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<b>Security/802.1x/Port Config</b> menu	<b>value (for each port number from 2 to 8, except the port number 1 !!!)</b>
Status	Enabled
MAB	Disabled (Enabled for MAC-based authentication instead of login/password)

<b>Security/802.1x/Port Config menu</b>	<b>value (for each port number from 2 to 8, except the port number 1 !!!)</b>
<i>Guest VLAN</i>	0 (Disabled)
<i>Port Control</i>	Auto
<i>Port Method</i>	MAC based

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Check that the switch IPV4 address is the same as the one declared in the **RADIUS** server.

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## Trouble shooting options

- In case authentication issue, check that:
  - your switchs is running properly, with the appropriate IP address of the **RADIUS** server properly entered,
  - **802.1X** security is activated for the wished ports