



NETWORK WHITEPAPER

802.1X WITH SCEP ON

PANACAST 40 VBS & PANACAST 50 VBS

802.1X + SCEP

802.1X

PanaCast 40 VBS and PanaCast 50 VBS support 802.1X for both wired and wireless connections. Both systems utilize TLS (Transport Layer Security) version 1.3 for connections.

The EAP methods that are supported for both PanaCast 40 VBS and PanaCast 50 VBS are EAP-TLS, PEAP-MSCHAPv2, and MD5. Certificates can be added to the device via the Web Console.

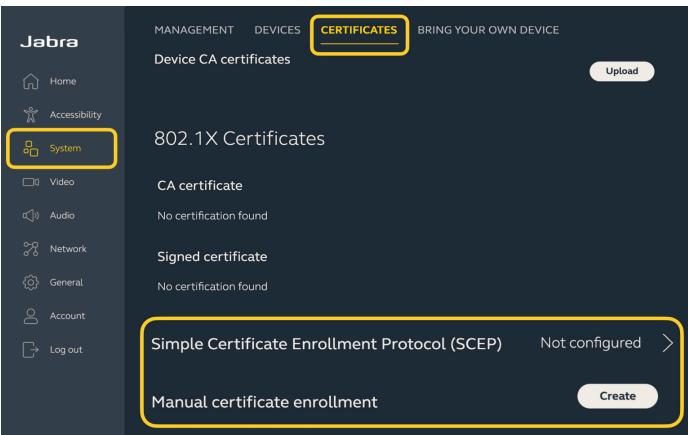
SCEP

Simple Certificate Enrollment Protocol, or SCEP, is used to streamline the process of issuing digital certificates to network devices, allowing organizations to manage certificates in a secure and scalable way. SCEP support is a software feature that has been added as part of Value Pack 3 service release 1 for PanaCast 50 VBS, as well as upon launch of PanaCast 40 VBS.

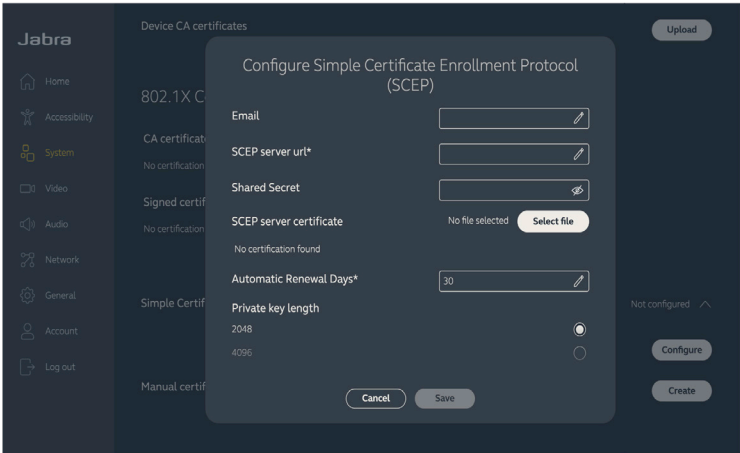
HOW TO CONFIGURE

To configure authentication settings for 802.1X, navigate to the device settings from either the Web Console or Jabra Plus. Setting up 802.1X is a two-step process. First, configure the certificates, and then setup the authentication type. Certificates can either be created manually or automated via SCEP.

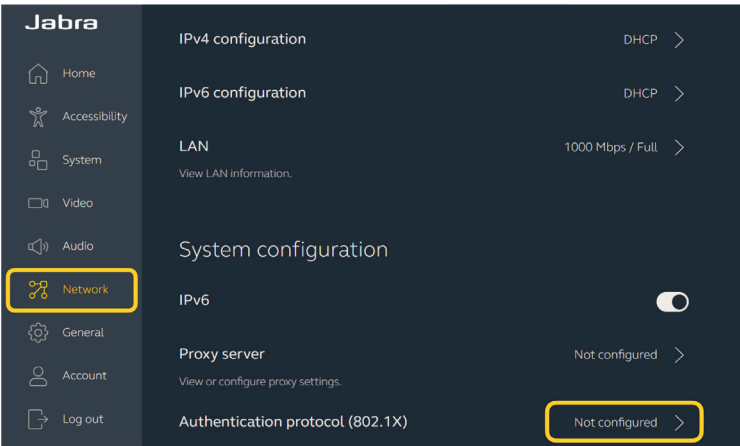
For MD5 or MSCHAPv2, username and password can be provided in the Web Console. If using EAP-TLS, you can configure certificates from the Web Console. Navigate to **System** in the left-hand navigation menu. Select **Certificates** from the tabs on the top, and locate the **802.1X Certificates** section.



Manually manage your certificates or use the **SCEP** protocol to automate it. Fill out the appropriate fields. Click **Save**.



Next, navigate to the **Network** tab on the left-hand side. Select the video bar from the devices on the top, navigate to the setting near the bottom called **Authentication Protocol (802.1X)**, and click the drop-down arrow next to **Not configured** to expand the setting.



Select the **Configure** button that appears. Toggle on 802.1X authentication protocol, and select the **Authentication type**. Enter any credentials or further information required for the appropriate authentication type. Click **Save**.

