
Vernetzen Veto Portable Network Analysis Testing Endpoint User Guide



Document Control

B	2024-09-17	Dynamic TEP Mode	RELEASE TO CUSTOMER 1.2.2	CD	SB	
A	2023-09-12	INITIAL RELEASE	RELEASE TO CUSTOMER 1.0.15	CD	BK	
Rev	Date	Description	Release	Orig	Chk	Appd

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1 Audience

Content herein is aimed at personnel involved with the operation of the Vernetzen Veto Portable Network Analysis Testing Endpoint tool. This document serves to provide a quick guide to the features of the Veto PNA software when running on the TEP. This is not a guide to physical installation and no assumptions are made with respect to the installation of the unit being operated.

2 Abbreviations/Definitions

Table 1: List of abbreviations/definitions

[illegible]

3 Guide

3.1 MAIN FEATURES

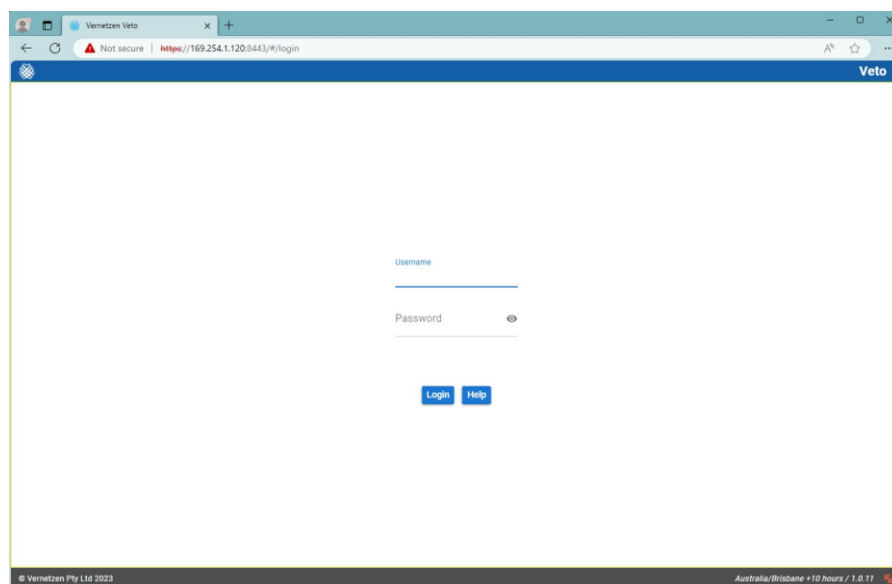
- TODO

3.2 REQUIREMENTS

Configuration of the Veto TEP requires a computer with a physical network interface and modern browser.

3.3 ACCESSING THE UI

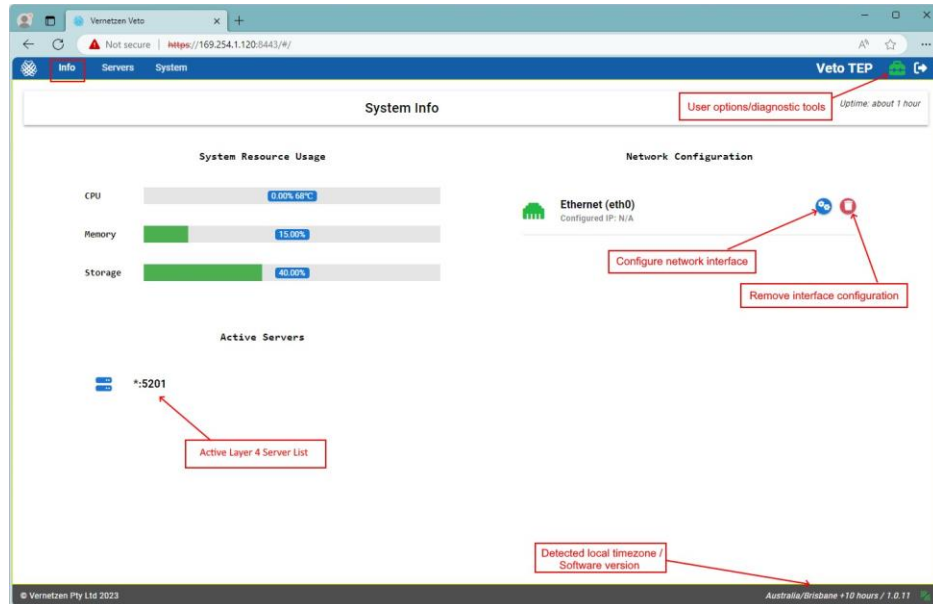
By default, the Veto TEP's ethernet interface is configured with a link-local IP address of 169.254.1.120. The user interface can be accessed via a browser at <https://169.254.1.120:8443>. Each TEP generates a self-signed certificate and as such, the browser will display a warning prior to showing the UI, it is safe to continue. The default username/password are both 'admin'.



3.4 SYSTEM INFORMATION / ADMINISTRATION

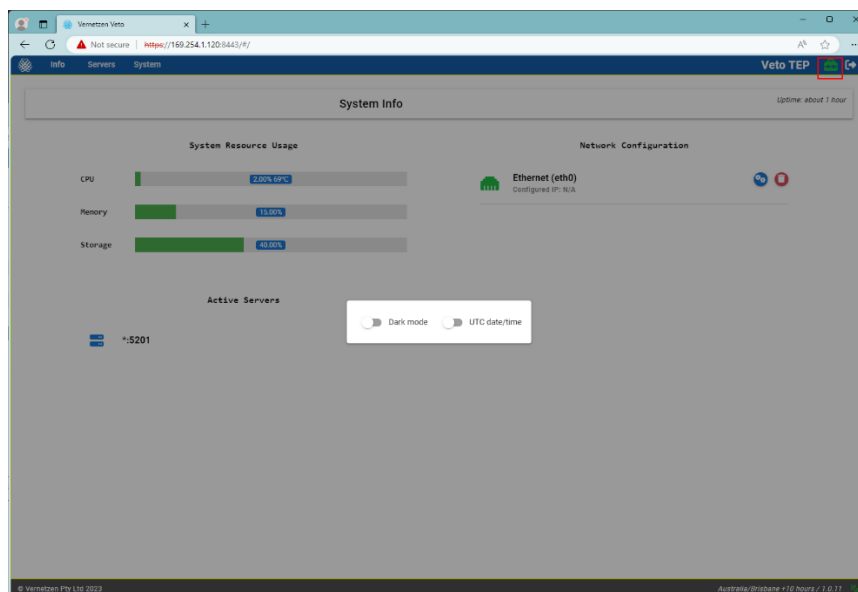
3.4.1 SYSTEM INFO

The 'Info' page provides a summary view of the current system configuration and resource usage.



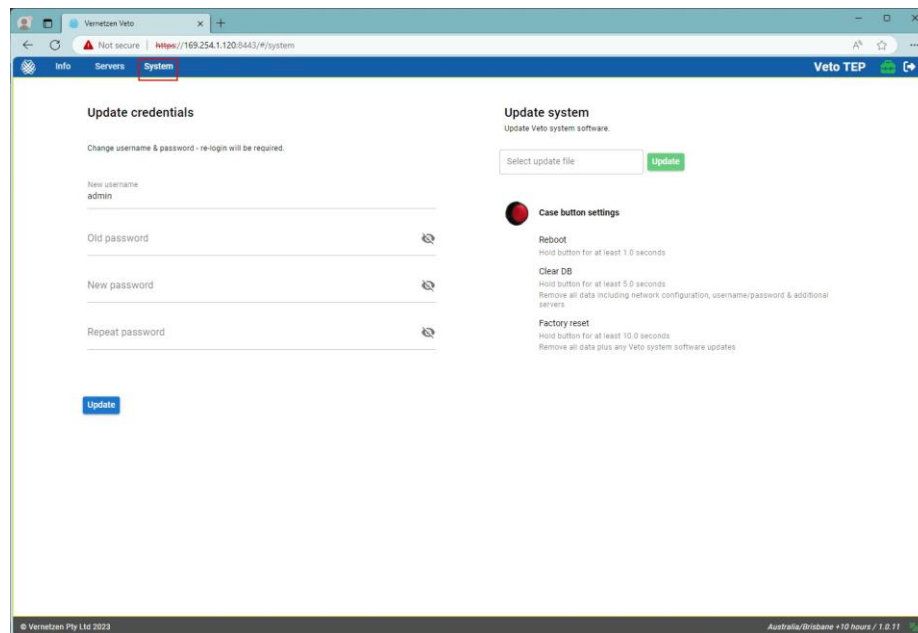
3.4.2 USER PREFERENCES

Select Preferences from the User Options/Diagnostic Tools drop down to set the dark mode colour scheme and UTC date & time options. By default, all date and times are displayed in the local time zone of the computer used to access the UI, this is shown in the footer.



3.4.3 SYSTEM ADMINISTRATION

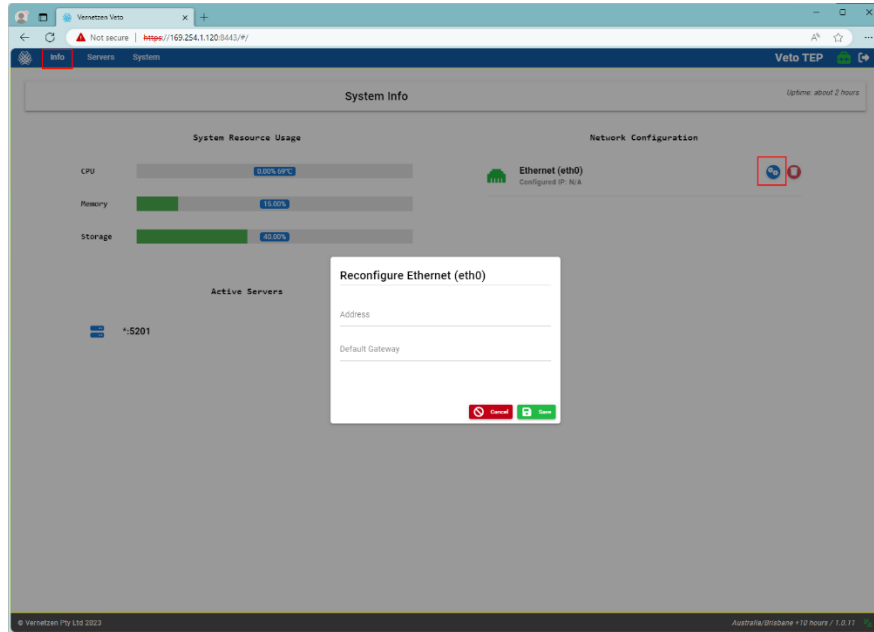
The 'System' page provides the facility to change the credentials used to access the TEP UI and apply system software updates.



3.5 ETHERNET NETWORK

3.5.1 NETWORK CONFIGURATION

Configure the TEP's Ethernet interface from the 'System Info' page.



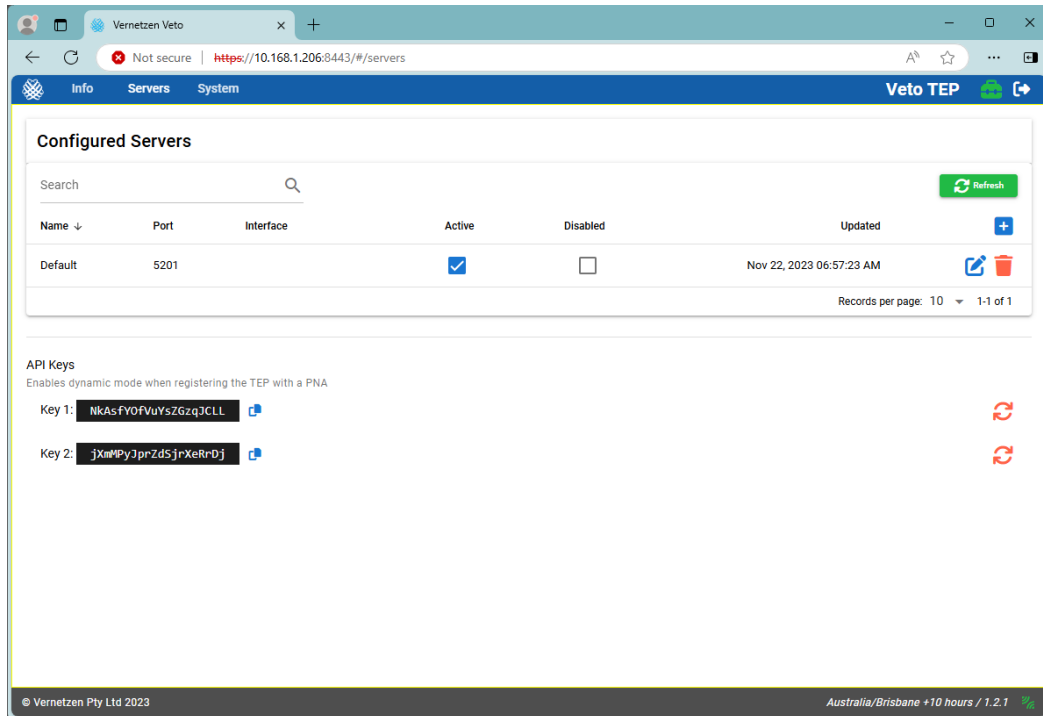
Parameter	Definition
Address	The IPv4 address and subnet for the TEP's Ethernet interface, e.g., 192.168.1.10/24
Default Gateway (optional)	The IPv4 address of the network default gateway. This is only required if routing across subnets to reach the TEP (not recommended).

3.6 SERVERS

The 'Servers' page provides a view of the statically configured Layer 4 servers provided by the TEP.

New in v1.2.1

API Keys are 2 randomly generated keys to be used when registering the TEP on a PNA. During Dynamic mode testing via a PNA with a correctly configured API Key, the TEP will dynamically create a layer 4 server for exclusive use by the PNA. Regenerating keys manually or via a factory reset will prevent Dynamic TEP mode testing on the PNA until the key is updated.



The screenshot shows the Vernetzen Veto web interface. The browser address bar indicates the URL <https://10.168.1.206:8443/#/servers>. The interface has a navigation bar with 'Info', 'Servers', and 'System' tabs, and a 'Veto TEP' status indicator. The main content area is titled 'Configured Servers' and includes a search bar, a 'Refresh' button, and a table of servers. The table has columns for Name, Port, Interface, Active, Disabled, and Updated. Below the table is a section for 'API Keys' with two keys displayed and a 'Refresh' button.

Name ↓	Port	Interface	Active	Disabled	Updated
Default	5201		☒	☐	Nov 22, 2023 06:57:23 AM

Records per page: 10 1-1 of 1

API Keys
Enables dynamic mode when registering the TEP with a PNA

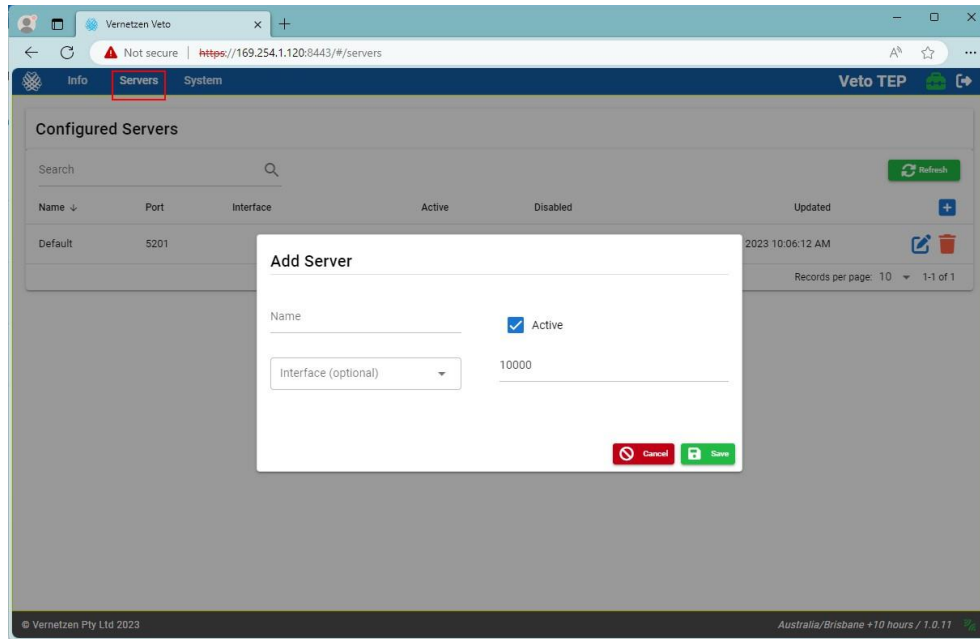
Key 1: `NkAsfYOFvUyS2GzqJCLL`

Key 2: `jXm*PyJprZdSjrXeRrDj`

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3.6.1 ADDITIONAL L4 SERVER

Additional Layer 4 servers can be configured for advanced testing scenarios. The maximum number of active servers is determined by the Veto TEP software version. Any active servers exceeding the allowed limit will be disabled. ***Additional servers for concurrent testing are not required when using the PNA and TEP in Dynamic mode***



Parameter	Definition
Name	Name for the L4 server.
Active	Enable/disable the server.
Interface	Bind the server to a specific interface (optional).
Port	Network port the server listens on.