User Guide - Hirschmann BAT (HiLCOS) Devices with Paessler PRTG Network Monitor

Contents

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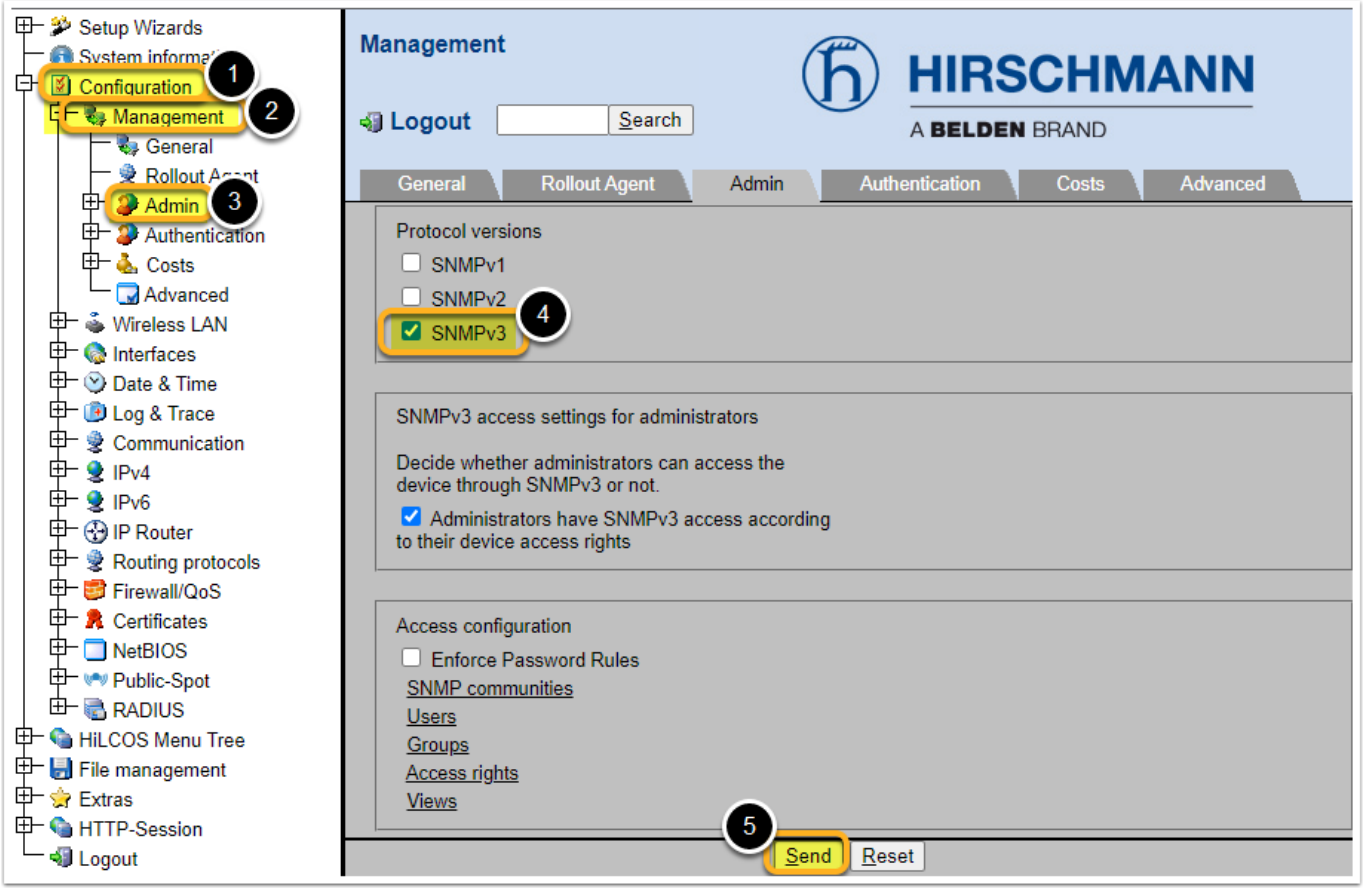
Paessler AG's PRTG Network Monitor is a common tool to observe the status of many network devices. This guide will help you to quickly connect Hirschmann BAT (HiLCOS) devices such as:

- *BAT-R, BAT-F*
- *BAT450-F*
- *BAT867-R, BAT867-F*

Please be aware that monitoring devices excessively can take performance away from them as well as cause additional traffic on the network. Especially in critical applications and when monitoring devices over a WLAN connection instead of a switched infrastructure. This can cause degradation of the application performance that would not be there without monitoring. We tuned the default intervals for the example sensors for a typical system, but you should check and rework these settings according to your application and requirements.

Ensure SNMPv3 is enabled

SNMPv3 is enabled by default, so it should already be enabled.

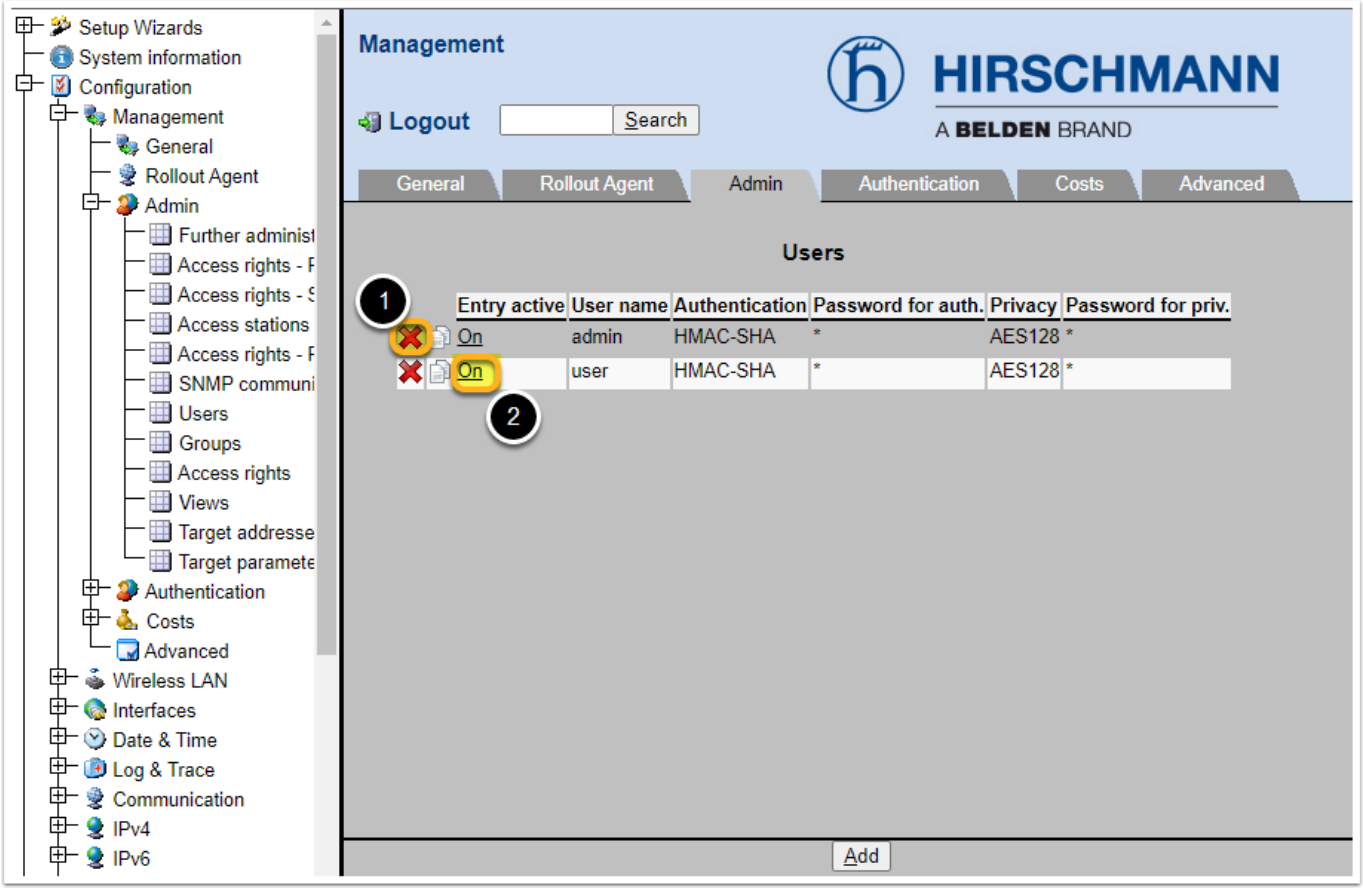


Remove the admin user from SNMPv3

1. *Remove the "admin" user: This user has permission to change settings over SNMPv3, which is not necessary*

- *Confirm on the next screen*

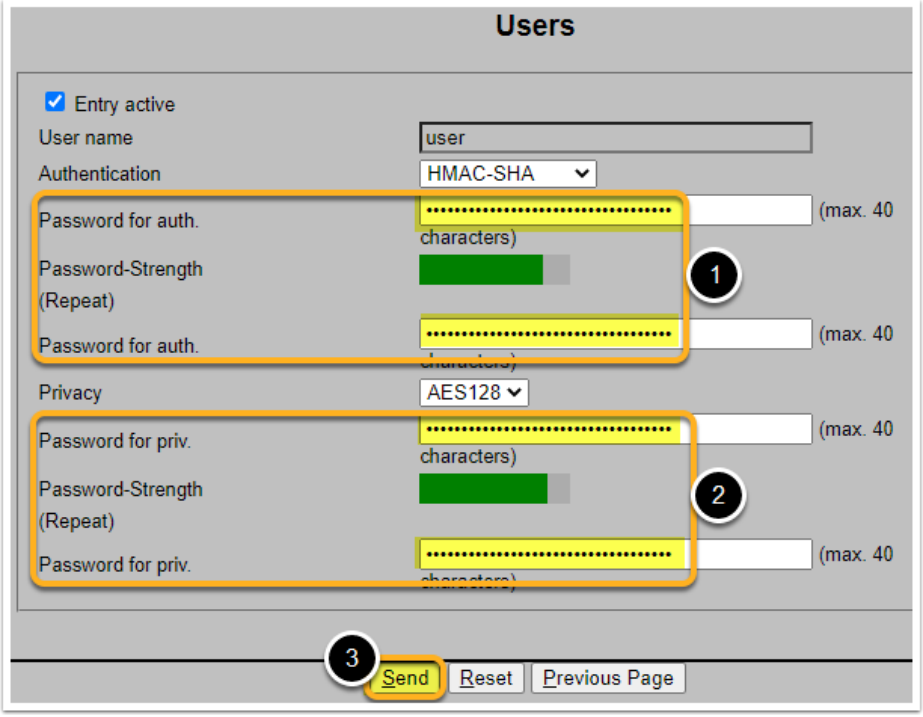
2. *Go to the "user" screen*



Change the passwords

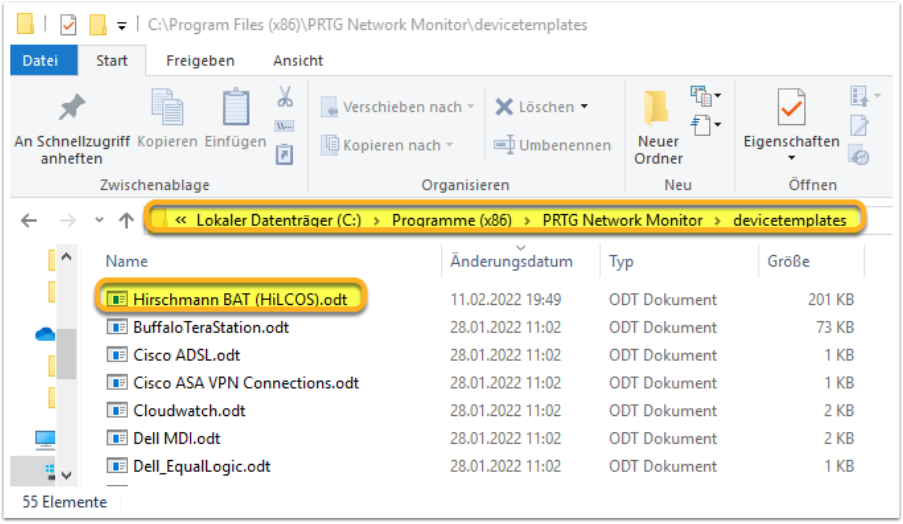
1. *Set a new password for authentication*

2. *Set a different password for privacy*

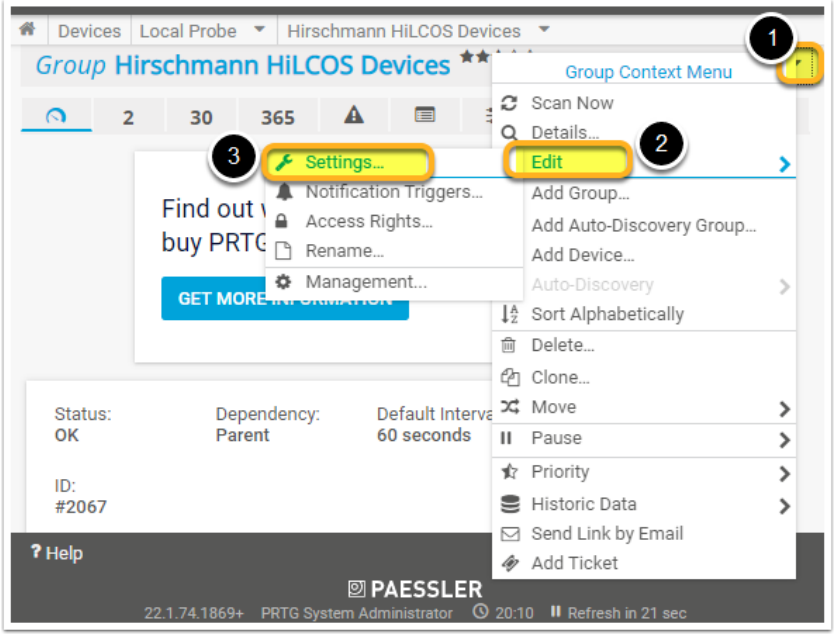


Copy the device template to PRTG

Copy the device template Hirschmann BAT (HiLCOS).odt *to this folder:* %PROGRAMFILES(X86)%\PRTG Network Monitor\devicetemplates

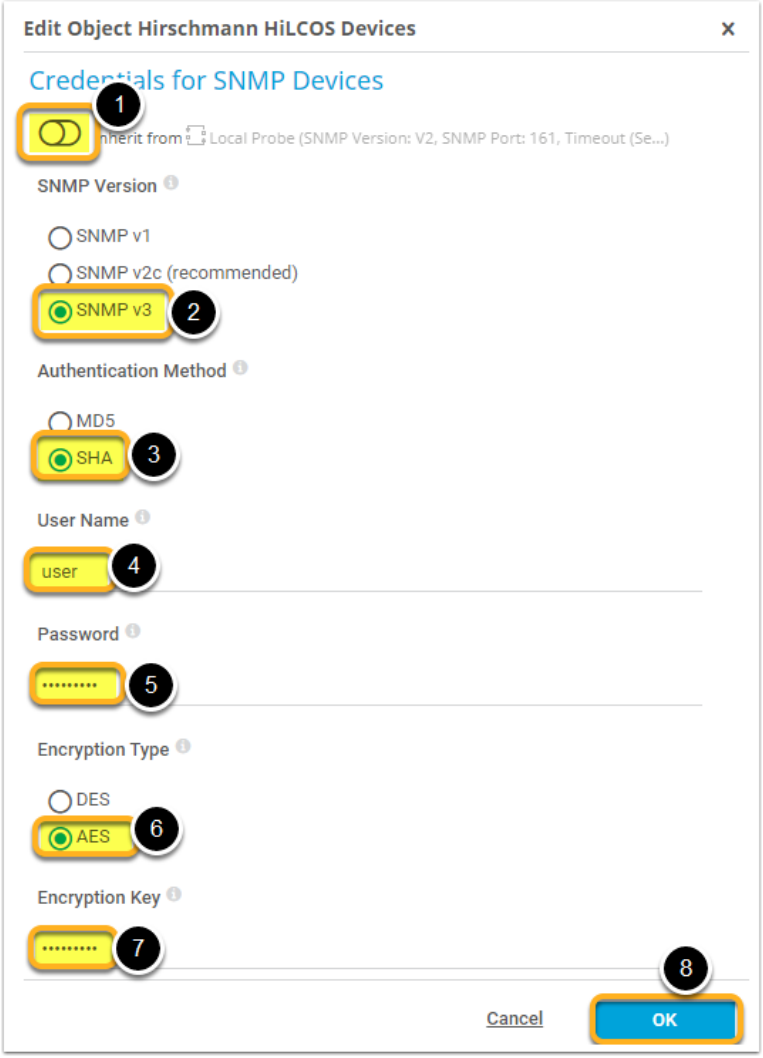


Go to the Group Settings

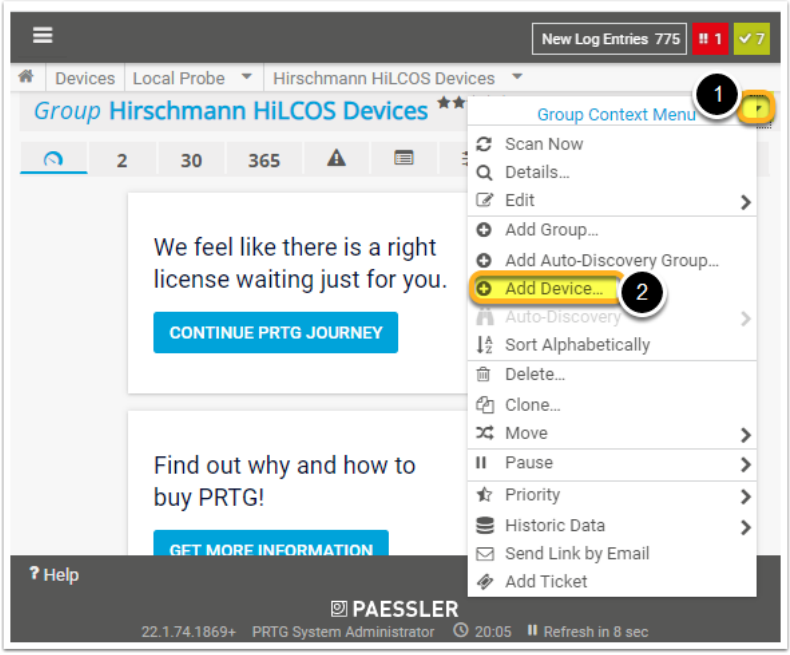


Configure the SNMP Credentials

- *User is "user", just like on the BAT configuration*
- *"Password" is the "Password for auth." from the previous steps*
- *"Encryption Key" is the "Password for priv." from the previous steps*



Add a new device to a device group

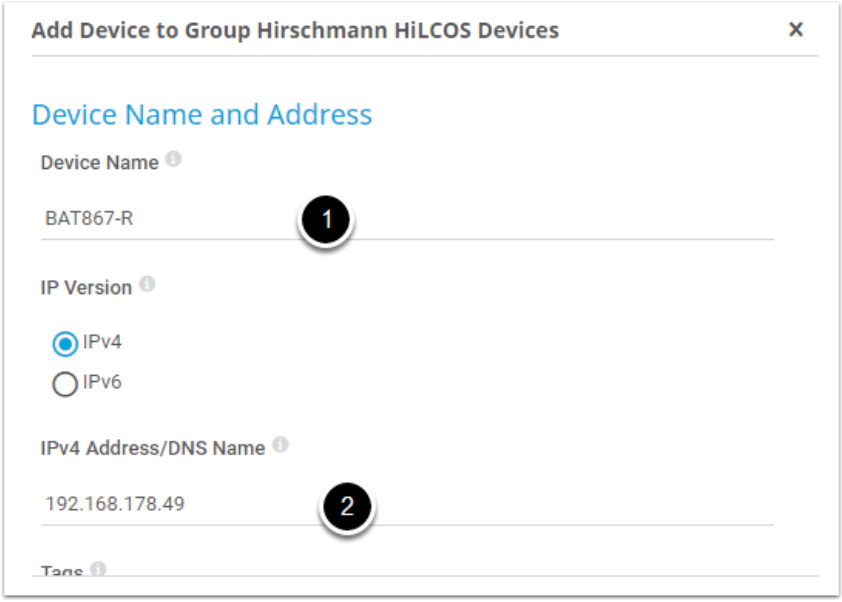


Configure the device name and address

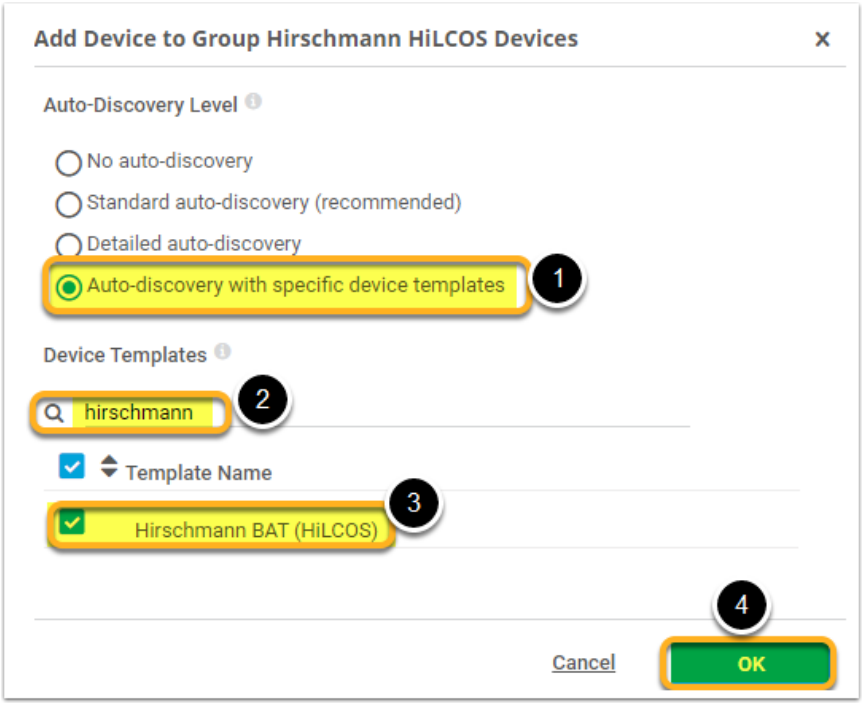
These are example values.

The device name does not have to match the device name from the BAT configuration, but it is recommended.

Please insert the correct IP address from your BAT device instead.



Select the device template



Success

After a couple of minutes or upon manual refresh your device is being monitored successfully.

Please be aware that not all sensors will be "green" automatically, for example:

- *This device has no "WLAN Module 2", so this sensor can be removed*
- *By default the "Telnet" connection is disabled, so either remove the sensor or change it to expect this test to fail as a security check*