## **SNMP** activation on a Raritan

## Activate SNMP

Open your browser and in the address bar enter the IP address of your PDU and press**enter**<sup>"</sup>. Once connected, you should see this:

Raritan.	IPDU Secours-1 O EN V   L Administrator   C Logout
Dashboard	Inlet I1
PDU	370.5
Inlet	459 6 va
Outlets	Active Energy: 3.79 MWh RMS Voltage: 230 V
Outlet Groups	Line Frequency: 49.9 Hz
Peripherals	Alerted Sensors Alarms
Feature Port	No Alerted Sensors No Alarms
User Management >	Inlet History
Device Settings	400.0 W
Maintenance >	350.0 W
Model	250.0 W
PX3-5488V-K1	200.0 W
Firmware Version 3.6.60.5-48262	150.0 W
Help	100.0 W
Raritan Support	50.0 W
Last Login 01/02/2024 16:08:46 UTC+0100	2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2° 2
Device Time 01/02/2024 16:33:06 UTC+0100	Active Power 💌

Then click on **Device Settings**" in the main menu and then on **Network Services**" and then on **SNMP**" The configuration window will appear.

In the SNMP Agent tab, tick the box marked "**Enable SNMP v1 / v2c**"and, if you wish, change the SNMP community (Read community string). Click on the **Save**"to confirm the changes:

Raritan.	IPDU Secours-1		🧔 EN 🔻   💄 Administrator   🕞 I	_ogout
Cevice Settings	SNMP			
Network Services	SNMP Agent			
нттр	Enable SNMP v1 / v2c			
SNMP	Read community string	public		
SMTP Server	Write community string			
SSH	Enable SNMP v3			
Telnet	MIB-II System Group			
Modbus	sysContact			
Service Advertising	sysName			
	sysLocation			
Model PX3-5488V-K1	SNMP Notifications			
Firmware Version 3.6.60.5-48262	Enable SNMP notifications			
Help C Online Documentation	Notification type	SNMPv2c trap		Y
C Raritan Support	Timeout	3		s
01/02/2024 16:08:46 UTC+0100	Number of retries	5		
Device Time 01/02/2024 16:36:14 UTC+0100	# Host	Port	Community	
	1	162		
	2	162		
	3	162		
	Download MIBs			~
				Save

## **Serial connection of PDUs**

To connect the PDUs in series via a USB cable to avoid having to connect a network cable to each PDU, click on "Device Settings".**Device Settings**" in the main menu and then**Network** "The configuration window appears.

In the **Common Network Settings** "tab, choose Master for the **Port forwarding role**" and choose USB for the **Downstream interface**" :

Raritan.	IPDU Secours-1		Ø EN ▼   .	Administrator	🕒 Logout
<b>&lt;</b> Home	Network				
Device Settings					
Network	Occession method	Part Forwarding			Ĵ
Network Services >	Cascaung mode	PortForwarding			_
Security >	Port forwarding role	Master			Y
Date/Time	Downstream interface	USB			Ψ.
5	DNS resolver preference	IPv4 address			Ŧ
Event Rules	DNS suffixes (optional)				
Data Logging	First DNS server				
Data Push	0				
Server Reachability	Second DNS server				
Front Panel	Third DNS server				
Serial Port	IPv4 routes				
Lua Scripts	Default gateway	192.168.160.1			
Miscellaneous	# Destination	Next Hop / Interface			
	no routes defined				
Model PX3-5488V-K1		Add Route			
Firmware Version 3.6.60.5-48262	IPv6 routoo				
Help C Online Documentation C Raritan Support	Default gateway				
Last Login 01/02/2024 16:08:46 UTC+0100	# Destination	Next Hop / Interface			
Device Time 01/02/2024 16:41:21 UTC+0100	no routes defined				

Repeat the same operation for the second PDUs and select Slave for the "Port forwarding role" option.**Port forwarding role** "in this case:

Add Route

Raritan.	IPDU N/Secours-1		Ø EN ▼   L intervention   G+ Logout
<b>≮</b> Home	Network		
Device Settings	Common Network Settings		•
Network	Cascading mode	Port Forwarding	
Network Services	Port forwarding role	Claug	
Security >	Port forwarding fore	Jiate	
Date/Time	DNS resolver preference	IPv4 address	•
Event Rules	DNS suffixes (optional)		
Data Logging	First DNS server		
Data Push	Second DNS server		
Server Reachability	Third DNS server		
Front Panel	ETHERNET		*
	WIRELESS		*
Serial Port			
Lua Scripts			✓ Save

3/4

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