# NETMAN TROUBLESHOOTING GUIDE

## CONTENTS

1. Why can't I see properly the webpage?	4
- Clear the cache:	4
2. Why the browser redirects to https?	4
- HTTP and HTTPS on the browser:	4
3. I cannot reach my netman, how to recover?	4
- 3.1 Restore network from RECOVERY:	4
- 3.2 Netman recovery procedure:	5
- 3.3 Condition one:	6
- 3.4 Condition two:	7
- 3.5 Condition three:	9
4. How to set JSON?	12
- 4.1 Licences.txt	12
5. How to reset the password?	16
- 5.1 Password reset	16
6. How to name the vCenter server?	18
- 6.1 Naming the vCenter	18
7. How to shutdown a Cluster?	18
8. I can't validate my VMWare credentials, why?	19
- 8.1 Check ping	19
9. What could be the conditions of the VMWare tools?	20
10. How to syncrhonize the date and time on an UPS using NTP?	20
11. How to define the password complexity?	20
12. Why the "view" user requires a password?	21
13. How to define the user roles?	22
14. How to test a HTTPS certificate?	_23

Please ensure the **NetMan is updated** before proceeding.

If the NetMan is already updated and the issue persists, provide the **service.log** file and send it to your support contact.

You can find the service.log file **SYSTEM OVERVIEW** page:

DEVICE CON PRTK code Name	IFIGURATION	GPSER11201 Netman 208
PRTK code Name		GPSER11201 Netman 208
Name		Netman 208
	2	
	6	
DOWNLO	AD SERVICE LOG	
	SERVICE LO	SERVICE LOG

## 1. Why can't I see properly the webpage?

#### - Clear the cache:

It could happen that the webpage is not as expected, in this case **clear the cache** with **CTRL+F5** (or SHIFT+F5)

#### 2. Why the browser redirects to https?

#### - HTTP and HTTPS on the browser:

Some browsers redirect automatically to **HTTPS** and it may be not able to detect the Netman webpage. Pay attention, if the Netman is in HTTP you have to edit manually the url.

#### 3. I cannot reach my netman, how to recover?

#### - 3.1 Restore network from RECOVERY:

When in **RECOVERY** mode, it is always recommended to restore the network as the first action. This ensures that the HOSTNAME is set correctly in relation to the MAC address, making it easier to identify and connect to the Netman.

Once you have selected Restore network, it's suggested immediately after to reboot to normal mode.



Reboot to Normal Mode

When in normal mode, verify on System Overview page that the network parameters are correct. Then, boot the Netman into recovery mode again.

When in RECOVERY mode and when the Restore network has been performed, <u>it's always</u> suggested to upgrade the System, the Application and the Virtual Machine.



#### - 3.2 Netman recovery procedure:

This procedure applies to **Recovery version 1.2** or above and MAC address **00:02:63:09:4F:B9** or newer.

If the Recovery version is older or the MAC address is older, a DHCP server is mandatory to configure the Netman.

This procedure describes how to recover a lost Netman.

A Netman can be considered lost if:

- The **HOSTNAME** is unknown.
- The **IP** address is incompatible with the network and IPv6 is disabled.

**Recovery Steps** 

- Take note of the **MAC** address of the Netman card.
- Install the Netman card in the UPS while keeping the **RESET** button pressed.

While holding the RESET button, observe the status **LED** sequence (keep the RESET button pressed for 10 seconds):

- Steady green
- Steady red
- Flashing green
- Off
- Release the RESET button when the LED turns off.

The process takes approximately 10 seconds.

After releasing the RESET button, the status LED will:

- Turn steady red
- Turn steady green
- Start flashing green rapidly  $\rightarrow$  This indicates Recovery Mode is active.

Once in Recovery Mode, the Netman provides the following network configuration:

- DHCP service enabled
- IPv6 available
- fallback IP available if a DHCP is not available: 192.254.1.208

#### - 3.3 Condition one:

lf:

- DHCP server available
- **HOSTNAME** is factory standard
- IP with wrong address or mask for the present network

you can open a browser and write the **zerconf** address **"Netman630xxxxx.local**" (example of a MAC address **00:02:63:09:12:5e**, example of zeroconf address **netman630912e5.local**):

× ? Recovery × +	
← → C ଲ 🛆 Non sicuro netman6309125e.local	🖈 🍳 i
Netman208 UPLOAD MODE Hostname: netman6309125e Mac address: 00:02:63:09:12:5e Systemapi: armhf-bullseye-1	
System Virtual Machine Application Restore network Restore network Compatibility () Reboot to Normal Mode	
System Image	
Drag or Select image file with extension '.sys208" then Upload procedure will start.	
Please drop here the file to upload or select manually from Select image file	
Ready	
	E

From this page you can **Restore network** From this page you can upgrade the **System** and the **Application** 

Then press reboot to normal mode.

#### - 3.4 Condition two:

lf

- **DHCP** server available
- HOSTNAME unknown
- IP with wrong address or mask for the present network

You need to perform a network scan to identify the IP address assigned to the known MAC address. This will allow you to locate the NetMan on the network.

#### i.e. MAC addrdress 00:02:63:09:93:bf

Network scanner, look for the MAC address (00:02:63:09:93:bf) to know the IP (10.1.10.207): Advanced IP Scanner

<u>F</u> ile	<u>V</u> ista Im	po <u>s</u> tazioni <u>G</u> uida					
	Interrom	pi 🚺 🗜 🕻 📑 🚍					
10.	1.10.5-10.1.1	0.255					
Ele	enco risultati	Preferiti					
	Stato	Nome	IP	Produttore	Indirizzo MAC	Commenti	^
	<b>—</b>	STETB	10.1.10.237	UPS Manufacturing SRL	00:02:63:04:47:22		
	<b>—</b>	10.1.10.244	10.1.10.244	UPS Manufacturing SRL	00:02:63:04:4A:28		
	<b>—</b>	10.1.10.166	10.1.10.166	UPS Manufacturing SRL	00:02:63:04:55:07		
>	<b>—</b>	COLLAUDOMPW2	10.1.10.254	UPS Manufacturing SRL	00:02:63:07:B2:05		
	<b>—</b>	10.1.10.233	10.1.10.233	UPS Manufacturing SRL	00:02:63:08:03:22		
	<b>—</b>	10.1.10.143	10.1.10.143	UPS Manufacturing SRL	00:02:63:08:17:05		
	<b>—</b>	10.1.10.175	10.1.10.175	UPS Manufacturing SRL	00:02:63:08:20:41		
	-	10.1.10.178	10.1.10.178	UPS Manufacturing SRL	00:02:63:08:21:74		
>	-	10.1.10.207	10.1.10.207	UPS Manufacturing SRL	00:02:63:09:93:BF		
	-	10.1.10.129	10.1.10.129	Polycom	00:04:F2:70:8A:D9		
	<b>—</b>	10.1.10.204	10.1.10.204	Polycom	00:04:F2:70:BF:8C		

#### Knowing the IP (10.1.10.207):, you can open the webpage:

× 2 Recovery X +	o ×	L
← → C ⋒ ▲ Non-sloure 10.1.10.207	\$ •	D
Netman208 UPLOAD MODE Hostname mybadhostname Mac address 00:02:63:09:93:bf Systemapi armhf-bullseye-1	i	
System Virtual Machine Application Case Restore network Compatibility 🕐 Rebot to Normal Mode		
System Image		
Drag or Select image file with extension '.sys208" then Upload procedure will start.		
Please drop here the file to upload		
Gi select inalidaty form Select image file		
L	 	J
Ready		j

#### Please notice the HOSTNAME.

Now it's possible to restore the network:

Netman20	8 UPLOAD MODE	Hostname: mybadhostna	Mac address	00:02:63:09:93:bf	Systemapi: armhf-bullseye-1		i
System Virte	ual Machine D Applica	ation Restore network	Network Compatibility	Reboot to Normal Mode			
Restore Network of	configuration						
Allow to restore Normal I	Network Configuration to	Default.					
In case of Netman not re	achable during normal co	ndition, restoring Default Net	vork configuration can try to	olve the issue. After restore yo	I have to re-set again all the Network Con	figuration as you desire.	
			(	Click to Restore Network to Do	fault Configuration		

Then press reboot to normal mode.

You will get the factory standard HOSTNAME **netman630993bf**.local where it will be possible to log in using the zeroconf netman630993bf.local address :



#### NETMAN\_TROUBLESHOOT\_rev01

#### - 3.5 Condition three:

lf

- DHCP server is not available
- **IP** with wrong address or mask for the present network

configure the network card of your laptop as follow:

- IP = 169.254.1.210
- Mask = **255.255.0.0**

possibile ottenere l'assegnazion ete supporta tale caratteristica, ichiedere all'amministratore di ref	e automatica delle impostazioni IP se la In caso contrario, sarà necessario te le impostazioni IP corrette.
Ottieni automaticamente un	indirizzo IP
O Utilizza il seguente indirizzo I	IP:
Indirizzo IP:	169.254.1.210
Subnet mask:	255.255.0.0
Gateway predefinito:	
	automaticamente
O otder in indirizzo server bito	rver DNS:
<ul> <li>Utilizza i seguenti indirizzi sei</li> </ul>	
<ul> <li>Utilizza i seguenti indirizzi ser</li> <li>Server DNS preferito:</li> </ul>	
<ul> <li>Utilizza i seguenti indirizzi ser</li> <li>Server DNS preferito:</li> <li>Server DNS alternativo:</li> </ul>	· · ·

Perform a ping to check when the Netman becomes reachable on the network. Note: If a DHCP server is not available, the **fallback IP** will become available in approximately 4 minutes.

Promp	ot de	i comandi - ping -t	169.254.1.2	08	
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=2ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=2ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=6ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata=1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64
Risposta	da	169.254.1.208:	byte=32	durata<1ms	TTL=64

Install the NetMan into the UPS without connecting the Ethernet cable, or by connecting the Ethernet cable directly to a laptop and wait approximately 4 minutes.

During the boot process, the status LED will be as follows:

- steady green for about 1 second stedy red for about 125 seconds
- off for about 30 seconds
- steady red for about 35 seconds
- steady green -> now the netman is booted with fallback ip ready

Once the device responds to the ping, you can open the HTTP page:

✓ ? Recovery × +			
← → C ⋒ ▲ Non sicuro 169.254.1.208			A 😵 :
Netman208 UPLOAD MODE Hostname: netman630993bf	Mac address: 00:02:63:09:93:bf	Systemapi: armhf-bullseye-1	]
System Virtual Machine Application P Restore network P Network	rk Compatibility 🕖 Reboot to Normal Mode		
System Image			
Drag or Select image file with extension '.sys208" then Upload procedure will start.			
Pie	ease drop here the file to upload or select manually from Select image file		
	Ready		
			Ę

From this page, you can reboot the Netman to normal mode and you can connect to it through the webpage:

Z Recovery X +		o ×
← → C ⋒ ▲ Non sicure 169.254.1.208	☆	() 🗞
Netman208 UPLOAD MODE Hostname: netman630993bf Mac address: 00:02:63:09:93:bf Systemapi: armhf-bullseye-1		i
System Virtual Machine Application Pack Restore network Pack Network Compatibility (CReboot to Normal Mode		
() Reboot to Normal Mode		
Pressing the button, restarts the Netman in Normal Mode.		
Click to reboot to Normal Mode		
		_

#### NETMAN\_TROUBLESHOOT\_rev01



Note: If you are redirected back to this webpage after selecting "Reboot to Normal Mode":

∼ ? Recovery X +	
← → C ⋒ ▲ Non sicuro 169.254.1.208	* 😵 :
Netman208 MODE Hostname: Mac address: Systemapi:	١
System Virtual Machine Application P Restore network P Network Compatibility (1) Reboot to Normal Mode	
System Image           Drag or Select image file with extension '.sys208" then Upload procedure will start.	
Please drop here the file to upload or select manually from Select image file	
Ready	

press Ctrl + F5 to clear the cache.

#### 4. How to set JSON? - 4.1 Licences.txt

Json requires a license.txt file to be uploaded. Create a license.txt file and write the string:

#### no licence

license.txt - Blocco note di Windows				_	×
<u>F</u> ile <u>M</u> odifica F <u>o</u> rmato <u>V</u> isualizza <u>?</u>					
no license					^
					~
	Linea 1, colonna 1	100%	Windows (CRLF)	UTF-8	.:

Upload it on the Netman:



#### Example output:

{ "timestamp": 1727271949, "model": "RT1K06", "license": "no license", "name": "Netman 208", "location": "Italy", "contact": "Riello UPS", "partnumber": " CSEP1K0AA3", "serialnumber": "MU41VOD20017813", "status": [0, 0, 0, 6, 0, 0], "measures": { "vin1": 230, "vin2": 0, "vin3": 0, "fin": 49.9, "vbyp1": 230, "vbyp2": 0, "vbyp3": 0, "fbyp": 49.9, "vout1": 0, "vout2": 0, "vout3": 0, "fout": 0.0, "load1": 0, "load2": 0, "load3": 0, "vbat": 204.4, "autonomy": 262, "batcap": 100, "tsys": 39 } }

Description:

"timestamp" The number of non-leap seconds which have passed since 00:00:00 UTC on Thursday, 1 January 1970 (Unix time). "model" UPS model "license" no license "name" Name (field in "General device configuration") "location" Location (field in "General device configuration") "contact" Contact (field in "General device configuration") "partnumber" Part Number P/N of the UPS "serialnumber" Serial Number S/N of the UPS

"status": [byte\_1, byte\_2, byte\_3, byte\_4, byte\_5, byte\_6]

	0x80 = internal alarm OR lock
byte_1	0x40 = overload
	0x20 = ups fail
	0x10 = on bypass
	0x08 = on battery
	0x04 = battery low
	0x02 = comm lost
	0x01 = RESERVED
	0x80 = RESERVED
	0x40 = RESERVED
	0x20 = RESERVED
byte 2	0x10 = RESERVED
byto_2	0x08 = output powered
	0x04 = RESERVED
	$0 \times 02 = \text{RESERVED}$
	0x01 = RESERVED
	0x80 = RESERVED
	0x40 = RESERVED
	0x20 = RESERVED
bvte 3	0x10 = RESERVED
	0x08 = RESERVED
	0x04 = ECO mode
	0x02 = RESERVED
	0x01 = RESERVED
	0x80 = RESERVED
	0x40 = RESERVED
	0x20 = RESERVED
byte 4	0x10 = RESERVED
	0x08 = bypass out of range
	0x04 = battery charging
	0x02 = battery charged
	0x80 = RESERVED
	0x20 = RESERVED
	0x20 - RESERVED
byte_5	0x10 = RESERVED
	0x00 = shutdown active
	0x04 = singleowin infinite in
	0x02 = Reserved
	$0 \times 80 = \text{RESERVED}$
	0x40 = RESERVED
	0x20 = RESERVED
	0x10 = RESERVED
byte_6	$0 \times 08 = \text{RESERVED}$
	0x04 = alarm overload
	0x02 = alarm overtemperature
	0x01 = RESERVED
	0x01 = RESERVED

"measures": { "vin1": , "vin2": , "vin3": , "fin": , "vbyp1": , "vbyp2": , "vbyp3": , "fbyp": , "vout1": , "vout2": , "vout3": , "fout": , "load1": , "load2": , "load3": , "vbat": , "autonomy": , "batcap": , "tsys": }

"vin1" "vin2" "vin3"	Input voltage (Ph-N) V1 Input voltage (Ph-N) V2 Input voltage (Ph-N) V3	[V] [V] [V]
"fin"	Input frequency	[Hz]
"vbyp1"	Bypass voltage (Ph-N) V1	[V]
"vbyp2"	Bypass voltage (Ph-N) V2	[V]
"vbyp3"	Bypass voltage (Ph-N) V3	[V]
"fbyp"	Bypass frequency	[Hz]
"vout1"	Output voltage (Ph-N) V1	[V]
"vout2"	Output voltage (Ph-N) V2	[V]
"vout3"	Output voltage (Ph-N) V3	[V]
"fout"	Output frequency	[Hz]
"load1"	Load phase L1	[%]
"load2"	Load phase L2	[%]
"load3"	Load phase L3	[%]
"vbat"	Battery voltage	[V]
"autonomy"	Autonomy time	[minutes]
"batcap"	Battery charge	[%]
"tsys"	System temperature	[°C]

#### 5. How to reset the password? - 5.1 Password reset

If the **ADMIN** password you enter is incorrect, this window will appear:

← → C ⋒			© ☆ 🐼 :
<b>Zriello</b> ups	Device Model SEP 2200	System status ECO-MODE	LOGIN FAILED. CLICK HERE IF YOU FORGOT THE PASSWORD.
	LOGIN WITH LOCAL AUTHENTICATION Username admin Password 		

To restore the password, click on the top right corner to be redirected to the password recovery page:

pugo.		
✓ ? Netman - SEP 2200 - 10.1.10.16 × +		- o ×
← → ♂ ⋒ 😂 netman63081703.local/recoverpassw	yrd.html	∞ ☆ 🎅 :
Ρ	PARTICLE PA	

Manually copy the entire text within the box and send it to your support contact.

#### NETMAN\_TROUBLESHOOT\_rev01

You will receive the reset code to be pasted in the same webpage:



Press submit and the password is reset.

## 6. How to name the vCenter server?

#### - 6.1 Naming the vCenter

The vCenter must be named as "**VMware vCenter Server Appliance**" to allow the Netman to manage the System correctly. If you name the vCenter in a different way, the Netman will be not able to shutdown the System correctly.

#### 7. How to shutdown a Cluster?

Field	Parameters to be inserted
Action	Shutdown Cluster will shutdown all the active VM on the
Action	specified cluster and all hosts part of the cluster

Note: In case the **VMware vCenter Server Appliance** is included in the cluster, a particular configuration must be performed.

In the section "**Infrastructure connectors**" the credentials of the **VMware vCenter Server Appliance** must be set and the credentials of all the hosts included in the cluster must be set as well.

In the section "Actions" it must be set the "Shutdown cluster" as first action and the "Shutdown host" for all the hosts present in the cluster as the other actions

Here an example:

VMware vCenter Server Appliance is included in the cluster "Riello UPS Cluster2". There are two hosts, "10.1.30.245" and "10.1.30.246".

	Infrast	ructure connec	tors							
✓   10.1.30.20	Host or	VCSA	Username		Password					
V Riello UPS-Datacenter						65				
Riello UPS Cluster1	10.1.30	.20	Administrator@v:	sphere.loca		1				
✓ ☐ Riello UPS Cluster2	10.1.30	245	root			ſĒ				
10.1.30.245	10.1.00	.240	1001			Ŀ				
10.1.30.246	10.1.30	.246	root			E .				
Fedora 33 x86_64	<					>				
Dbservium	<b>K</b> .7									
OpenVAS 6.0.7	K N					Add Row				
SIMGO							Actions			
f Sonargube	Action	S								
C Syneto-esxi7 0										
d Syneto-esxi7 0-2									Restore	
A VMware vCenter Server Appliance		Action	Condition	Condition dur	ration (min)	Delay next (	Source	Target	power	Target Netman
Windows Soprar 2010 Core	_								on	
Windows Server 2019 Core	0	Shutdown Cluster 👻	Power fail 🗸	1		10	Riello UPS Cluster2	N/A		N/A
Windows Server 2019 DE										
Vindows Server 2022 EN	1	Shutdown Host 🗸 🗸	Power fail 🗸			10	10.1.30.245	N/A		N/A
> 10.1.30.190	2	Chutdaux Maat 44	Dannes fail as				10.1.30.246	N/A		N/A
> 10.1.30.8	2	Shatoshir Host	rower fall							
	<					>	х. (К.)			,
	53					Add Row	22			Add Row

With this configuration the Netman will shutdown all the VMs, the host where the VMware vCenter Server Appliance is not running, the VMware vCenter Server Appliance and the host where the VMware vCenter Server Appliance is running.

## 8. I can't validate my VMWare credentials, why? - 8.1 Check ping

In the Netman with APP version 1.8 or higher, in the webpage "CONFIGURATION -> YOUR NETMAN -> CONNECTIVITY" there's the possibility to check the ping. It's usefu to know if the Netman is able to reach a device (i.e. an VMWare host with IP 10.1.30.20):

## **Check Ping**

10.1.30.20			
CHECK PING			
CHECK: '10 1 30 20' co	ame a valid EODN		
Testing ping '10.1.30.20 se	O'		
time=0.587 ms			
time=0.604 ms			
time=0.546 ms			
time=0.594 ms			
time=0.582 ms			
time 4191ms			
OK, ping successful			

#### 9. What could be the conditions of the VMWare tools?

There are different conditions inside the VMWare about the tools. The conditions could be:

toolsOk toolsOld toolsNotRunning toolsNotInstalled

The Netman can detect all the conditions, and in case the tools are not installed or not running the Netman doesn't stop the shutdown procedure.

NOTE: In a Windows VM if the screensaver is enabled, once it's activated it may shut the virtual disk off and consequently the Vmware tools condition is changed from "toolsOK" to "toolsNotRunning".

If the status of the tools is "toolsNotRunning" then the automatic restart of the VM will be not possible.

#### 10. How to syncrhonize the date and time on an UPS using NTP?

The Netman can provide the clock and time to some UPS models, only if the NTP is properly set and running. The synchronization is performed once a day at 00:30

The UPS's who supports the time synchronization are:

- All the UPS's with PRTK: SENTR

- The ups model: SENTRYUM

#### 11. How to define the password complexity?

From APP version 1.6:

It's possible to define the password complexity from the menu:

ADMINISTRATION -> ADMINISTRATION -> Change local password

Custom definition for Password Complexity for the "admin", "power" and "view" users: By default, the complexity requirements are set to strict with the following settings (customizable):

#### Password complexity

RULES			
Min password length	8	~	chars
Max password length	40	~	chars
Min Lowercase chars requested (a b c z)	1	~	chars
(alalalinia)			
Min Uppercase chars requested	1	~	chars
(A,B,G,,Z)			
Min digit chars requested	1	~	chars
(0-9)			
Min special chars requested	1	~	chars
(,+:@%/-)			
SAVE	CLE	AR RULES TO DEFAL	ЛТ

## 12. Why the "view" user requires a password?

From APP version **1.6**:

the "view" user requires a password.

- The local users are as before:
  - admin
  - power
  - view

By default only "admin" user is active, "power" and "view" user must be activated. **View** user requires a password as well the other users:

LOGIN WITH Local authentication Vsemame admin Password	LOGIN WITH Local authentication Username power Password	LOGIN WITH Local authentication Username view Password
Username:	Username:	Username:
admin	power	view
Password:	Password:	Password:
<b>admin</b> (default)	<the password="" set=""></the>	<the password="" set=""></the>

The previous "View" button (accessing without password) in the Login page has been removed indeed.



#### 13. How to define the user roles?

From APP version 1.6:

User "admin" has full functionalities by default and it is always available.

Users "power" and "view" are NOT activate by default and they must be enabled in the configuration.

All the users "admin", "power" and "view" needs a password.

The roles for these users now can be configured only from the "**admin**" user and allows to select multiple specific functions in a more flexible way.

E.g.: the "view" user may be able to reboot the Netman with "M-reboot" function flagged.

Only the "admin" user has full power with all the functions enabled.

	Change local password		
	ADMIN USER Password Admin credentials grant the right to manage Netman and also the device, including shutdown	Retype Password	
Power user Password Power credentials grant the right to manage Netman but may not full operate the device	Retype Password	VIEW USER Password View credentials grant the right to only view some views of the hermon for	Retype Password
It is possible to revoke access to Power user just clicking the button. After this action, Power user cant login. For resorting the access a new password must be set. REVOKE ACCESS	Functions: * A - General info (always active) * B - Detail info * C - Network status * D - View/Download logs * D - View/Download logs * E - Service Log download * F - Ups command config * H - Ups command config * H - Ups command config * H - Viewrow K config * J - Services/Functionalities config * K - Advanced config * M - Reboot	Values of the Netman (no action is possible) It is possible to revoke access to View user just clicking the button. After this action, View user can't login. For restoring the access a new password must be set. REVOKE ACCESS	Functions: * A - General info (always active) * B - Detail info * C - Network status D - View/Download logs * E - Service Log download * H - Ups command execution * M - Reboot

#### 14. How to test a HTTPS certificate?

From APP version **1.7**:

It's possible to test the HTTPS certificate before saving:

Enable HTTP			
HTTP port		80	0
HTTPS			
Enable HTTPS			
HTTPS port		443	
Custom cert	netman63081703_CA_si	igned.pem	~
CA cert	Riello_CA.pem		~
Before activation of certifi 13 Mar 10:50 CET 2025. It Date & Time.	cates with HTTPS please <b>check</b> ti f not, please set correct date/time	hat current date/time e in ➤ CONFIGURAT	e is correct: ION menu /
	OK CA file and CERTIFIC	ATE file seems ok	and valid

### Changelog

DocRel	Data	Change
rev00	13/03/2025	First release
rev01	14/03/2025	Added an information about the netman updating on page 3 Added status LED descritption about the fallbackip chapter 3.5 Corrected the MASK of the laptop on chapter 3.5