enlogic by nvent



Revision History

V1.0	06.12.2023	Preliminary Release



Table of Contents

Revi	sion History	2
1.	GETTING STARTED	5
2.	PCT USER INTERFACE	7
3.	New SKU Configuration File Creation	8
4.	Input Settings	12
5.	Firmware Flashing Tool	13
6.	Phase Voltage Settings	20
7.	Phase Current Settings	22
8.	Outlets	23
9.	Circuit Breakers	24
10.	Data Log Settings	25
11.	SNMP Settings	26
12.	Trap Settings	28
13.	Date/Time Settings	29
14.	Email Setup	30
15.	Event Notification	31
16.	Network Settings	32
17.	User Management	35
18.	System Settings	38
19.	Rack Access Control	39
20.	Smart Rack Access	40
21.	Network Services	43
22.	Save	44
23.	Help	45



DISCLAIMER

Enlogic by nVent accepts no liability for any errors in this documentation. To the maximum extent permissible by law, any liability for damage, direct or indirect, arising from the supply or use of this documentation is excluded.

Enlogic by nVent retains the right to modify this document, including the liability disclaimer, at any time without notice and accepts no liability for any consequences of such alterations.



1. GETTING STARTED

1.1 SCOPE

The document is a detailed user guide to utilize the PCT tool to configure Enlogic PDUs.

1.2 Download the PCT tool

- 1. Log in to <u>www.enlogic.com</u>
- 2. Click on the "**RESOURCES & SUPPORT**" tab on the home page.
- 3. In the Firmware/Software section, select and click the **PCT (PDU Config Tool) download** option in the of the dropdown.

				News Blog	About Us Contact Us Careers
CISGLOB					
	PR	DDUCTS - RESOURCES 4	SUPPORT - FIND TH	HE PARTNER Q	
Product Resources	Selection Resources	Support		Firmware/Software	
> Advance and Secure Series iPDU User Manual	> Competitive Cross Reference	> Enlogic Warranty		> PDU Firmware	lets by
> What's New in Advantage Series > Brouchure	Plug And Outlet Chart	> FAQ		> MIB File	oad reaker ad bank educed
Customer Success Stories					an error
> View Stories					-
	-				
FLEXIBLE & FUTUREPROO		ar 🛛	-		oo l
1.8-5		ш, _е	D		
	High Accuracy Metering (v, A, VA, W, kWh, pf) Billing - grade accuracy	Toolless Hot-Swap NMC For maximum availability and future upgrades	Best-In-Class Warranty For investment protection	User Defined Electronic Color Coding For easy power source identification	DC Power Sharing Two-way power sharing for an always-on network manage- ment and alarms
LATEST NEWS	PDUs are UL2900-1 certified				
		-			



4. The **Firmware/Software** page will be displayed, here scroll down to the latest version of the **PCT_Setup.msi** file to download.



1.3 Installing the PCT tool

- 1. In the Downloads folder, double-click on the **PCT_Setup.msi**.
- 2. Click on the "Next" option to proceed the "Finish" and the tool will be installed.

📕 🗹 📜 =		Manage	Downloads				
File Home	Share View	Application Tools					
← → • ↑	> This PC > Do	wnloads					v ♡
🖈 Quick access		^ Name		Date modified	Туре	Size	
Desktop		✓ Ioday (2) ✓ 15672	28380-PCTv2 10 Talexe	10/12/2023 2:34 PM	Application	5.838 KB	
Downloads		16128	15386-PCT_Setup.msi	10/12/2023 2:34 PM	Windows Installer	64,935 KB	

3. On the desktop, double-click on the **Enlogic by nVent** thumbnail to open the tool.





2. PCT USER INTERFACE

PCT Home Page

- 1. The Enlogic PCT Home page is displayed. The **New SKU** Icon is highlight on this page.
- 2. The top blue ribbon displays the latest version of the tool. Use the **Home** icon at any time to return to the Home page.

Notes –

Before working with PCT consider checking the following:

- 1. The SNMP with IP 0.0.0.0 or the system IP (on which the tool is installed) should be enabled. Putting the PDU to default will enable the IP (0.0.0.0).
- 2. Enable SSH with default port 22.
- 3. Enable FTPS with default port 21.
- 4. The Energy tab is inactive in this version.
- 5. To activate most of the icons on the Home screen, the first step is to set the SKU.
- 6. SKUs can be configured by two methods.
 - a. Option 1 User can select the SKU from the available SKU list OR
 - b. Option 2 User can upload SKU configuration file from a stored location for any new SKUs and add them to the SKU Bin.
- 7. Before uploading the configuration "config.ini" file from the PCT tool, the PDU should be always in default settings.





3. New SKU Configuration File Creation

SKUs can be configured by two methods:

- 1. **Option 1** User can select the SKU from the available SKU file OR
- 2. **Option 2** User can upload SKU configuration file from a stored location for any new SKUs and add them to the SKU Bin.

Option 1

- 1. On the **Home page**, click on the **New SKU** Icon.
- 2. The New Configuration screen will be displayed. Under the **SKU Numbers** dropdown menu, select the SKU from the list and click on **Create Configuration** button. This will load the SKU to the PDU and display the SKU# on the top left corner.

	G New Conf	iguration
Ð	SKU Numbers:	EN1315-M_TYPE
New SKU		Create Configuration
		Upload_Conf Or Induvidual SKU.BIN

Option 2

- 1. Select the SKU.bin to create the conf.ini file.
- 2. Ensure the SKU.bin file is placed in a local computer location.



enlogic by nvent





Does				*	
← → · ↑ 🗎 + 050±k(C:) → Users → e2014889 → OneDrive - nVe	nt Management Company + D	locuments + + Enter text to see	rd P	
in New Folder				\$= • 🖬	
> 📌 Quick access → 🔜 Desktop	Name	 Date modified 7/24/2023 2:57 AM 	Type File folder	Sze	
> 💻 This PC > 🥁 Libraries > 🧬 Network	Camtasia Corel Custom Office Templates Discribedte	7/11/2023 10:26 AM 9/14/2023 12:30 PM 6/30/2023 10:38 AM 6/27/2023 1:16 PM	File folder File folder File folder File folder		
	BY145Lbin FAQs_finalversion.docx G Office_Supplies_Request_Form	10/10/2023 12: 19 PM 8/23/2023 2: 18 PM 	BDN Frie Microsoft Word Document Microsoft Word 97 - 2003 Docu	3 K2 152 K2 56 K2	
File Name: B11451.bin				Open Cancel	

Fi	ile Home Share View							~
4	· → · ↑ 🖡 · This PC · OSDisk (C:	:) > Users > EN1451				~	Ö	
>	Music ^	Name	Date modified	Туре	Size			
>	Fictures	🕤 conf.ini	10/11/2023 2:57 PM	Configuration setti	44 KB			
>	Videos	🔊 dconf.ini	10/11/2023 2:57 PM	Configuration setti	44 KB			
~	😂 OSDisk (C:)	ipeth0.cfg	10/11/2023 2:57 PM	CFG File	1 KB			
)	> 📜 Dell	ipeth1.cfg	10/11/2023 2:57 PM	CFG File	1 KB			





4. Under the **SKU Numbers** dropdown menu, select the SKU from the list and click on **Create Configuration** button.





- 5. If the user selects a wrong configuration file, then the application exits. The user will need to restart the configuration process with the correct file.
- 6. After the SKU is selected, all the PDU settings are enabled. Select each option, edit the settings, and click on the back button.
- 7. Clicking on the **Back** button will auto save the settings.



Note : Click **SAVE** icon at all times to save all the changes and create a config.ini file.

To save changes for each step, the user clicks on the button.

If the user clicks on the Home button to navigate to other pages, there is no auto-save option for automatically saving the settings/changes.





4. Input Settings



1. Click on the **Input Settings** icon to set the Power Threshold and Outlet Delay settings.

2. The mouse-over tool tip indicates the range power values as per the SKU DA drawings. Input the Low and High Power Threshold settings priority wise.

3. The mouse-over tool tip indicates the outlet values. Input the values and click on the button to save changes.

1				
nput Settings				
Power Threshold Setttings		Outlet Settings		
Low Critical (W)		Outlet State On PDU Startup		
Low Warning (W)	4800	Outlet On Delay (0 ~ 7200 sec)	7200	
High Warning (W)	4900	Outlet Off Delay (0 ~ 7200 sec)	2000	
High Critical (W)	5000	Outlet Reboot Duration (5 ~ 60 sec)		
Reset Threshold (W)	5000	Device Detect Threshold (50 - 150)		
Alarm State Change Delay (Samples)				



5. Firmware Flashing Tool



1. Click on the Tools icon to upload the Firmware.

2. Enter a valid IP address xxx.xxx.xxx, E.g.: 10.10.105.174 and select the Scan Type as **PDU Only** or **All Pingable IPs** . Click on **Scan** to check for the IPs in the network.

3. If **PDU Only** is selected the result will display a list of all Enlogic PDU IPs in the network with the default username and password.

PDU Configuration Tool 🏠 v3.04				- o x				
C Firmware Flashing Tool								
	20U Only			Save IP Address				
	Select Scan Type	Browse Firmware or C	a network based on type (PDI I Only or i	All Diogable 10/a) calented				
	All Pingable IP(s)	%	enetital consistence of type (roo only or)	A region of a section.				
# IP Address Username	Password	Device Info	Upload Status					
+++ ++ Record 0 of 0 → ++ ++ + - 2 ✓ × →								
			Clear Result	Flash Firmware				



-	PDU Configuration Tool 🔒 v3.04									
	G Firmware Flashing Tool									
10			PDU Only	•		Scan		Save	IP Address	
					Brov	vse Firmware or Configuratio	on file	Impo	t IP Address	
Dra	ag a column header here to group by tha	at column		100.	76					م
		IP Address	Username	Password	Device In		Upload Status			
->		10.10.105.174	admin		Enlogic PC					
144	++ + Record 1 of 1 + ++ ++ -									
							ear Result		Flash Firmware	

4. The default username and password displayed will be 'admin' and '12345678'.

5. You can change it to any valid username of 'admin' privilege to upload the firmware/ configuration file.

6. From the IP addresses list, select the IPs to upload the firmware. Click on **Browse Firmware or Configuration File** button.

7. Enter the current password of the PDU in the **Password** field.

8. Edit the PDUs username and password before uploading the firmware file. It will show default username and password. To edit it click on the username and password field and edit it.



PDU Configuration Tool	¥ 3.0.4					- 0 ×
G Firmware Flashing	j Tool					
10.10.105.174		PDU Only		Scar		Save IP Address
			100%	Browse Firmware or	Configuration file	Import IP Address
Drag a column header here to group						
#	IP Address 1 10.10.105.174	Username	Password	Device Info	Upload Status	
Het et e Record 1 of 1 > +> +> +	- / / x -					4

9. If **All Pingable IPs** is selected the result will display a list of all IPs in the network with the default username and password.

PDU Configuration Tool	POU Configuration Tool 🏠 1354 – 🗸 X								
G Firmware Flash	G Firmware Flashing Tool								
10 10 105 124 Crun									
10.10.105.174		Select S	can Tyne	S	can	Save IP Address			
		PDU On	V	Browse Firmware	or Configuration file	Import IP Address			
		Al Pinga	ble IP(s)	0%					
Drag a column header here to gr									
=	IP Address	Username	Password	Device Info	Upload Status				
	1 10.10.105.174	admin		Enlogic PDU					
⇒	2 10.10.105.174	admin							
144 44 4 Record 2 of 2 > >>	m + - / / x -								
					Clear Result	Flash Firmware			



10. If the user needs to list all pingable Enlogic IPs, the IP search can be set with a range xxx.xxx.xxx.xxx.xxx For e.g.: 10.10.105.40-255 . Click Scan. All the total IPs will be displayed.

PI PI	DU Configuration Tool 🔒 🛉	3.0.4					- 0 ×
	Firmuran Flashing To	- al					
G	Firmware Flashing To	001					
	0.105.40-255		All Pinga	ble IP(s) -	[Scan	Save IP Address
					Browce Firmwar	e or Configuration file	Import ID Addrese
				107	Si Onae T Inimun		angori car Picarcaa
Drag							
		IP Address	Username	Password	Device Info	Upload Status	
		10.10.105.49	admin				
			admin				
		10.10.105.47	admin				
			admin				
		10.10.105.44	admin				
		10.10.105.45	admin				
		10.10.105.57	admin				
		10.10.105.68	admin				
		10.10.105.40	admin				
			admin				
			admin				
		10. 10. 105. 188	admin				
		10. 10. 105. 185	admin				
			admin				
		10.10.105.48	admin				
			admin				
		10. 10. 105. 189	admin				
		10.10.105.46	admin				
		10.10.105.240	admin				
		10. 10. 105. 192	admin				
		10.10.105.42	admin				
		10.10.105.243	admin				
		10.10.105.59	admin				
			admin				
		10.10.105.61	admin				
		10.10.105.62	admin				
		10.10.105.65	admin				
		10.10.105.96	admin				
		10. 10. 105.97	admin				
	I Record 76 of 76 → → → + + -						
						Clear Result	Flash Firmware

11. Click on the **Save IP Address** button to save the IP addresses in an excel sheet at the selected location.

12. Click on **Import IP Address** button to import the IP addresses previously stored in an excel sheet.



PDU Configuration Tool	v 3.0.4					- ø x
G Firmware Flashing	Tool					
10.10.105.129		All Pingable	: IP(s) -	Sc	an	Save IP Address
			100%	Browse Firmware o	r Configuration file	Import IP Address
Drag a column header here to group by	that column					م
#	IP Address	Username	Password	Device Info	Upload Status	
	1 10.10.105.129	admin		Enlogic PDU		
→	2 10.10.105.129	admin				
	144 44	i Decord 2	- F 7 1 1 1 1	141 -	1.18 4	
	144 44	 Record 2 	012 * **			
144 44 4 Record 2 of 2 > >>>>+ +>+ ++ +						
					Clear Result	Flash Firmware

13. To delete IPs which do not need a firmware upload, select them from the and click on the '-' button.

14. If you want to add any entry, then click on the **`+`** button. An empty field will appear, add a new IP, username, and password.

- 15. Select the field to be edited and click the **pen** button to make changes.
- 16. Select the **tick** symbol to end any edit.
- 17. Select the **` x ' close** symbol is to complete an edit.
- 18. Click on the 💽 button to save changes.



Upload Firmware of Configuration for individual IPs

Typically an IP scan, will return with multiple IPs, even though when selected only one IP is highlighted. But when you initiate the firmware/ conf file upload, it will apply to all the IPs in the list.

If you want to upload firmware or conf.ini file on only one IP, then follow the steps below:

- 1. If your IP is in the list, then remove all IPs by selecting it and removing it using the '-' button.
- 2. Skip IP scan, Click the **` + `** button to add a new field and enter the PDU details (IP, username, and password).

Specific IPs can be listed with a scan range. The scan will list out specific IPs with the default username and password.

Note - PDUs with default passwords – For default PDUs enter the default password in the **Password** field. The PDU will get set back to the current password (i.e., 12345678) during Configuration/Firmware Upload.

3. Select scanned IP and the firmware file or the configuration file that you want to upload and click on the **Browse Firmware or Configuration File** button.

4. Select the conf.ini file from the folder. Click **Flash Firmware** button to upload.

Note: PCT tool will upload the configuration file on the master and all the slave PDUs connected.

9 Open										×	- ø x
⊢ → × ↑ 📙 > This PC → OSDisk (C:)	> U:	sers > e2014889 >	EN6810			~	õ	, Search EN6810			
Organize 🔻 New folder										0	
A2013945	^	Name	^	Date modified	Туре	Size					Caus ID Address
E2013945		📓 conf.ini		10/12/2023 4:21 PM	Configuration sett		44 KB			-	Import IP Address
 e2014889 cisco 		dconf.ini ineth0 cfa	Type: Configuration setti	10/12/2023 4:21 PM ings 13.4-21 PM	Configuration sett		44 KB				
3D Objects		ipeth1.cfg	Size: 43.6 KB Date modified: 10/12/20	23 4:21 PM 3 4:21 PM	CFG File		1 KB				
I Contacts											
o Creative Cloud Files											
Documents											
> 🕂 Downloads											
EN1451											
EN6810											
> 🔆 Favorites											
Links											
Music											
OneDrive - nVent Management Com	p										
Pictures											
> PSAppDeployToolkit											
Saved Games											
> 🔎 Searches											
> 🛃 Videos											
	*										
File name:										~	
								Open	Cancel		
		×									
								Cles	ar Result		Flash Firmware



5. The Upload Status section will provide the information. If upload is successful, the PDU will reboot.

PDU Configuration Tool	¥ 3.0.4						- ø x
G Firmware Flashing	Tool						
10.10.105.138		PDU Only		Scan		Save IP Address	
C:\Users\e2014889\EN6810\conf.inl				Browse Firmware or Cor	figuration file	Import IP Address	
			1004	6			
Drag a column header here to group by							
#	IP Address	Username	Password	Device Info	Upload Status		
	1 10.10.105.118	admin		Enlogic PDU	Upload is Completed! PD	U will reboot now!	
→	2 10.10.105.138	admin		Enlogic PDU	Upload is Completed! PD	U will reboot now!	
HI HI I Record 2 of 2 P PH +							
					Clear Result	Upload Configu	ration
						L	

- 6. Click on **Clear Result** button to clear all the IP entries.
- 7. Click on the **Yes** button to confirm and delete all the entries.
- 8. Click on the 💽 button to save changes.



6. Phase Voltage Settings

3.



1. Click on the **Phase Voltage** icon to set the values in the input Phase Voltage settings page.

2. On a mouse-over you can check the voltage range to be set for each tab. If you have selected a **Single Phase SKU**, enter the Low Critical voltage to High Critical Values for one phase, update the threshold and alarms settings.

Click on the 💽 button to save changes.

Single Phase SKU





Three Phase SKU

3.

1. Click on the **Phase Voltage** icon to set the values.

2. On a mouse-over you can check the voltage range to be set for each tab. If you have selected a **Three Phase SKU**, enter the Low Critical voltage to High Critical Values for all three phases, update the threshold and alarms settings.

Click on the 💽 button to save changes.

BDII Configuration Tool						- 8 - 8
Poor Configuration Tool	1 ** .0.4					
🕞 Phase Voltage						
Phase	Low Critical (V)	Low Warning (V)	High Warning (V)	High Critical (V)	Reset Threshold	Alarm State Change Delay
Phase 1						
Phase 2						
Phase 3						



7. Phase Current Settings



Click on the **Phase Current** icon to set the values in the 1. input Phase Current settings page.

On a mouse-over you can check the current range to be set 2. for each tab. If you have selected a Three Phase SKU, enter the Low Critical amperage values to High Critical amperage values for three phases, update the threshold and alarms settings. 3.

Click on the 💽 button to save changes.

PDU Configuration Tool	★ v3.0.4						- ø x
🕞 Phase Current							
Phase	Low Critical (A)		Low Warning (A)	High Warning (A)	High Critical (A)	Reset Threshold	Alarm State Change Delay
Phase 1							0
Phase 2	0	leace enter valu	e bebueen 0 - 62				0
Phase 3	0		0				0



8. Outlets



1. Click on the **Outlets** icon to configure threshold settings on the Control Outlets page.

2. On a mouse-over you can check the wattage range to be set for each tab. The values need to be set for the Outlets in a priority sequence. If there in an errored value entered, it will be indicated in a red colour icon against the Outlet# selected.

3. Click on the 💽 button to save changes.

	DU Configuration Tool	★ ¥3.0.4						- 0	×
G	Control Outlets								
	Outlet Name	Low Critical (W)	Low Warning (W)		High Warning (W)	High Critical (W)	Reset Threshold	Change Delay (W)	
•	DUTLET 1	0	5000		0	0	0		0 -
	DUTLET2				0		0		0
	DUTLET3		Please ent	er value between 0	- 4160 0				
•	DUTLET4								
	DUTLETS								
. I	DUTLET6								
	DUTLET7								
	DUTLET8								
	DUTLET9								
	DUTLET 10								
<u> </u>	DUTLET 11								
	DUTLET 12								
	DUTLET 13								
	DUTLET 14								
	DUTLET 15								
	DUTLET 16								
	OUTLET 17								
	DUTLET 18								0
	DUTLET 19								0
	DUTLET20								
	DUTLET21								0
	DUTLET22								0
	DUTLET23								0
	DUTLET24								0
	DUTLET25								0
	DUTLET26								0
	DUTLET27								0
	DUTLET28								0
	DUTLET29								
	DUTLET30								
	DUTLET31								
	DUTLET32								
	DUTLET33								
	DUTLET34								
	JUILET35						0		



9. Circuit Breakers



Click on the Circuit Breakers icon to configure threshold 1. settings on the circuit breaker settings page.

On a mouse-over you can check the amperage range to be 2. set for each tab. In this section, enter the Low Critical amperage values to High Critical amperage values for circuit breakers, update the threshold and alarms settings.

3.

Click on the 💽 button to save changes.

PDU Configuration	Tool 🛧 V3.0.4								
🕞 Circuit Brea	ker Settings								
Circuit Breaker	Rating (A)	Low Critical ((A)	Low Warning (A)		High Warning (A)	High Critical (A)	Reset Threshold	Alarm State Change Delay
81									
				n	iŋ.				
			Please enter	r value between 0 -	20				
84									



10. Data Log Settings



1. Click on the **Logs** icon to configure Data Log Settings and the Syslog Configuration on this page.

2. For Data Log Settings, on a mouse-over you will be given a hint to add the Log interval duration to be set in Minutes. Add the duration and click on Enable.

3. For Syslog Configuration, on a mouse-over you will be given a hint to add the IPV4 IP address. Add the IP, Port and click on Enable.

4. Click on the

button to save changes.

PDU Configuration Tool 🏠 v3.0.4		- Ø X
🕞 Data Log Setting		
Data Log Settings	Syslog Configuration	
Log Interval (1 - 1440 min) 10	Syslog Server Address	10.10.105.126
Enable Data Logging 🗸	Syslog Server Port	
	Enable Syslog Server Access	



11. SNMP Settings



1. Click on the **SNMP/Trap Settings** icon to configure settings for SNMP Manager.

2. Access the first tab, **General** and enable the SNMP Manager, enter the version, port, and trap port settings.

PDU Configuration	Teel 🛧 v3.04	- 0 X
🕞 SNMP Mana	ager/Trap Receivers	
General SNMP Mana	yer Trap Receiver	
SNMP Enable/Disable		
SNMP Version	¥1/2c8v3 -	
SNMP Port		
SNMP Trap Port	V3	
	V1/2c8v3	

n Tool 🛖 🔍 3.0.4						- ø x						
SNMP Manager/Trap Receivers												
General SHMP Manager Trap Receiver												
13												
	Please enter valid Port Number [1-65535]											
	ager/Trap Receiv rrap Receiver 7 8 161 162	a tod A 1334	a tod A 1334 ager/Trap Receivers provide a state of the	Trap Receivers Image: Trap Receiver Image: Trap Receiver <th><pre>rtrap Receivers pr</pre></th> <th>Prod Activity Decelves gr Trap Receive gr gr Prece enter valid hat Nuelse [140000]</th>	<pre>rtrap Receivers pr</pre>	Prod Activity Decelves gr Trap Receive gr gr Prece enter valid hat Nuelse [140000]						



3. Access the second tab, **SNMP Manager**, add the settings for the V1/2c Manager IP Address and enable it. The user can add up to five IP addresses and enable them.

PDU Configuration Tool	★ ¥3.0.4						- o ×					
SNMP Manager/Trap Receivers												
General SHMP Manager Trap Receiver												
V1/2c Manager IP Address		Read Community		Write Community		Enable/Disable						
10. 10. 105. 129		public		private								
2001:c0a8:aa01::a4		public		private								
10.10.105.174		public		private								
0.0.0.0		public		private								
0.0.0.0		public		private								
V3 Manager User Name		Auth Password	Auth Algorithm		Privacy Alg	gorithm E	inable/Disable					
	No Auth No Priv		MD5									
	No Auth No Priv		MD5									
	No Auth No Priv											
	No Auth No Priv		MD5									
	No Auth No Priv											

4. In the **SNMP Manager page**, add the settings for the V3Manager User Name, Security Level, Auth Password, Algorithm, Privacy Key and Algorithm and enable it. The user can add up to five User Names and enable them.

🕞 SNMP Manager/Trap Receiv	ers					
General SNMP Manager Trap Receiver						
V1/2c Manager IP Address	Re	ad Community	Write Communit		Enable/Disable	
10.10.105.129		ublic	private			
2001:c0a8:aa01::a4	F	ublic	private			
10.10.105.174	F	ublic	private			
0.0.0.0	F	ublic	private			
0.0.0.0	F	ublic	private			
V3 Manager User Name	Security Level	Auth Password	Auth Algorithm		vacy Algorithm	Enable/Disable
	No Auth No Priv		MD5	- D		
	No Auth No Priv			• D	ES T	
	No Auth No Priv No Auth No Priv		MD5 MD5	- D	ES - ES -	
	No Auth No Priv No Auth No Priv No Auth No Priv		MDS MDS MDS	- D	ES - ES - ES -	
	No Auth No Priv No Auth No Priv No Auth No Priv No Auth No Priv		MDS MDS MDS MDS	- D	23	



12. Trap Settings



1. Click on the **SNMP/Trap Settings** icon to configure settings for Trap Receivers.

2. Access the third tab, **Trap Receiver** and enable V1/2c Trap Name, other settings and enable it.

3. In the same page, the second table set the V3 Trap Name, other settings and enable it.

4. Click on 💽 the button to save changes.

📑 PDU	Configuration Tool 🛖 v 3.	0.4						- 0 X
C si	MP Manager/Trap Re	eceivers						
Constal	Child Manager Tran Deceluer							
General	and Phanager In ap Receiver							
	V1/2c Trap Name		Host		Community		Enable/Disable	
					public			
		Please anter unid Tran Page	ning Name (May of 22 Character I	enoth)	public			
		Please enter valu trap keu	Sver Harre (Hax of 52 character c	Bigtij	public			
					pane			
	V3 Trap Name	Host	Security Level	Auth Password	Auth Algorithm	Privacy Key	Privacy Algorithm	Enable/Disable
			No Auth No Priv -		MD5 -		DES	
			No Auth No Priv +		MD5 -		DES	
			No Auth No Priv -		MD5 -		DES	
			No Auth No Priv *					
	Configuration Tool A	304						
PD PD	U Configuration Tool 🏠 🕚	3.0.4						- 0 ×
□ PD () 9	U Configuration Tool 🏠 🖞	so.4 teceivers						- 0 X
Genera	Configuration Tool Trap R SNMP Manager Trap R SNMP Manager	so.4 leceivers						- 0 X
Genera	U Configuration Tool Tool V INMP Manager/Trap R I SNMP Manager Trap Receive	ste ceivers						- 0 X
Genera	U Configuration Tool The second seco	teceivers	Host		Community		Enable/Disable	- 0 ×
Genera	V Configuration Tool V V VI/C Trap Name User Tuscon User Vuoi	teceivers	Həst 10.10.105.125 10.10.105.174		Community public		Enable/Disable	- 0 ×
Genera	VConfiguration Tool	teceivers er	Host 10.10.105.125 10.10.105.174		Community public public public		Enable/Deable	- 0 ×
Genera	VConfiguration Tool 1	eceivers er	Host 10, 10, 105, 126 10, 10, 105, 174		Community public public public public		Enable,Disable	- 0 ×
Genera	VConfiguration Tool 1	teceivers Fr	Host 10,10,105,126 10,10,105,174		Community public public public public public		Enable/Disable	- o ×
Genera	VConfiguration Tool The second secon	Receivers	Host 10.10.105.125 10.10.105.174		Community public public public public public		Enable,Disable	- o ×
Genera	VConfiguration Tool The second secon	Receivers	Host 10.10.105.125 10.10.105.174		Community public public public public		Enable,Disable	- o ×
Genera	V Configuration Tool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Receivers er	Host 10.10.105.126 10.10.105.174		Community public public public public public		Prable,Disable	- o ×
Genera	V Configuration Tool	teceivers er	Host 10.10.105.125 10.10.105.174		Community public public public public public		Enable,Disable	- 0 ×
Genera	V Configuration Tool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	teceivers er	Host 10.10.105.125 10.10.105.174		Community public public public public public		Pruble Disable	- 0 ×
Genera	V Configuration Tool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28.4 Leceivers er	Host 10.10.105.126 10.10.105.174		Community public public public public public		Enable Disable	- 0 ×
Genera	VConfiguration Tool 1	teceivers r	Host 10, 10, 105, 128 10, 10, 105, 174		Community public public public public public		Enable/Deable	- o ×
Cenera	VConfiguration Tool 1	teceivers	Host 10.10.105.126 10.10.105.174		Comrunity public public public public public		Enable Disable	- o ×
Genera	VConfiguration Tool	teceivers	Host 10.10.105.126 10.10.105.174	Auth Domenord	Comunity public public public public public		Enable,Disable	- a x
Genera	V Configuration Tool Trap Receive V U2: Trap Name User Yuxon Y 3 Trap Name	Host 10.00.105.126	Hest 10.10.105.126 10.10.105.174 56carity Level Auth Priv	Auth Password	Community public public public public public public	Privacy Key	Prušev Algorithm	Ensble/Disable
Cerret	V Configuration Tool Trap Receive VIJ2: Trap Name User Yuxon Yux	Host 10.00.105.125 10.10.105.174	Hest 10.10.105.125 10.10.105.174 56conty Level Auth Priv N6 Auth No Priv	Auth Password - manager 123	Community public public public public public dublic	Privacy Key • 123894	Pruble,Disable	Enable,Dicable
Conners	VGenfiguration Tool 10 10 10 10 10 10 10 10 10 10 10 10 10	Heat:	Host 10.10.105.125 10.10.105.174 50.00105.174 Scanty Level Auth Priv 16 Auth NP Prv 16 Auth NP Prv 16 Auth NP Prv	Auth Password manager 123	Community public public public public public public public	Pitvacy Key	Privácy Algorithm Privácy Algorithm VES AES128	Enable,Disable
Covers	V3 Trap Name Namager Super admin	Host 10.10.105.126 10.10.105.126	Host Do 10. 105. 126 Do 10. 105. 126 Do 10. 105. 174 Do 10. 175 Do	Auth Password	Community public public public public public public disc public disc public disc disc disc disc disc disc disc di	Privacy Kay	Privacy Algorithm	Enable,Dicable
Constant	V3 Trap Name Namager Superadmin	Host 10.00.105.126 10.01.05.124	Host ID 10.105.126 ID 10.105.126 ID 10.105.174 ID 10.105 ID 10.1	Auth Password manager 123	Community public	Phacy Key	Privacy Algorithm	Enable, Dicable
Generation	VConfiguration Tool	Host 10.10.105.126	Hoat 10.10.105.126 10.10.105.174 Security Level Audt Priv Na Auth No Priv Na Auth No Priv Na Auth No Priv	Auth Password manager 123	Comrunity public	Privacy Key	Prvacy Algorithm	Enable,Disable
Generation	V Configuration Tool Trap Receive VL/2c Trap Name User Yuxon User	Heat:	Host 10.10.105.126 10.10.105.174 Security Level Auth Priv No Auth No Priv No Auth No Priv No Auth No Priv	Auth Password	Comunity public public public public public public Auth Algorithm MOS MOS MOS MOS	Privacy Key	Prvacy Algorithm	Endek/Deadk
	V Configuration Tool Trap Receive V L/J2: Trap Name User Yuxon Us	Heet Heet ID: 00.105.125 ID: 00.105.174	Host ID.10.105.126 ID.10.105.126 ID.10.105.174 ID.10.105.174 Auth Priv No Auth No Priv	Auth Password	Auth Algorithm M05 M05 M05	Privacy Key	Privacy Algorithm Privacy Algorithm PES AES128 AES128	Enable,Disoble
	V 3 Trap Name V 3 Trap Name V 3 Trap Name V 4 Trap Name V 4 1 Trap Name V 4 1 Trap Name V 4 1 Trap Name V 5 1 Trap Name V 5 1 Trap Name V 5 1 Trap Name	Heat 10.10.105.126 10.10.105.126	Host D. 10, 105, 125 D. 10, 105, 124 D. 10, 10	Auth Password manager 123	Auth Algorithm MOS MOS MOS	Privacy Mey	Privácy Algorithm Ses Privácy Algorithm Ses Activitácia Activitác	Enable/Dicable
	V3 Trap Name Namager Superadmin	Hest	Host Do 10. 105. 126 Do 10. 105. 126 Do 10. 105. 174 Do 10. 10	Auth Password	Auth Algorithm MDS MDS MDS MDS	Phacy Key	Privacy Algorithm SES AES125 AES125 AES125	Enable,Disable



13. Date/Time Settings



1. Click on the **Date** icon to configure Date/Time Settings on the page.

2. Select the Date/Time zone from the dropdown menu

3. In the Network Time Protocol (NTP) table, click Enable and add the NTP primary, secondary server IPs and select the GMT offset time zones from the dropdown menu.

4. In the Daylight Saving Time (DST) table, click Enable and add all day light saving <u>settings</u>.

5. Click on the 💽 button to save changes.

📑 PDU Configuration To	# 🛧 ^{v3.0,4}					- ø ×
🕒 Date/Time Se	ttings					
Date/Time Settings		Daylight Saving Time	(DST)			
Date/Time		Enable				
Network Time Protoc	ol (NTP)	Start Month				-
Enable		Start Time (HH:MM:SS)	January A			•
Primary NTP Server	95.216.192.15	End Time (HH:MM:SS)	March			
Secondary NTP Server	139.59.74.161	Time Offset	April			•
NTP GMT Offset	(UTC-06:00) Central America *		June			
	vi 🔺 V364					- 0 ×
The PUO Configuration In						
C Date/Time S	ettings					
Date/Time Settings		Daylight Saving Time	e (DST)			
Date/Time		Enable				
Network Time Proto	col (NTP)	Start Month	October	 Third Week 	• Wednesday	
Foable		Start Time (HH:MM:SS)				
Primary NTP Server	95.216.192.15	End Time (HH:MM:SS)	3	 Pourth week 4 	 Tuesday 19 	
Secondary NTP Server	139.59.74.161	Time Offset	1 Hour			
NTP GMT Offset	(UTC-06:00) Central America -					



14. Email Setup



1. Click on the **Emails** icon to configure email settings on the page.

2. In the SMTP Account settings table, enter all the Email Server address and all other details to configure your email.

3. In the Email Recipients table, add the email ids and select to enable them.

4. Click on the

button to save changes.

PDU Configuration Tool 🏠 🔍 3.0.4				- ø x
🕒 Email Setup				
SMTP Account Settings		Ema	all Recipients	
Enal Server Address Sender Address Port Username Password Number of Sending Retries Time Interval Between Sending Retries (In Minutes) Server Requires Authentication	255.201.12.12 info @my.com 25 admin 3 6 V		admin (timy company, com manager (timy company, com	



15. Event Notification



 Click on the Event Notification icon to enable the Email, SNMP Trap and Syslog settings for various events on this page.
 Select each of the events and enable the required notifications.
 Click on the button to save changes.

PDU Configuration Tool 🔶 v 8.0.4				- 0 X
C Event Notifications				
Events	C Emails	SNMP Trap	✓ Syslog	
Circuit Breaker Status Changed				1
User Activity				l i
Smart Rack Access				l i
Outlet Power Control Status Changed				1
User Status Changed				1
Critical Alarm				1
Warning Alarm				l i
Password/Settings Changed				1
Network Card Reset/Start				l i
External Sensor Status Changed				1
PDU Configuration File Imported/Exported				1
User Role Status Changed				1
Firmware Update				l i
Communication Status Changed				1
Daisy Chain Status Changed				1
Enter Bootloader Mode				1
LDAP/Radius Error				1
Power Sharing Status Changed				1
				1
				1
				1
				l i
				1



16. Network Settings



3. Enter the Ethernet -1 IP configuration settings.

PDU Configuratio	n Tool 🔶 🕂 3.0.4			
🕒 Network S	ettings			
Ethernet-1 IP Co	onfiguration	Ethernet-2 IP Configu	ration	
Network Mode	IPv4/IPv6 Dual	Network Mode	IPv4/IPv6 Dual	
Boot Mode	DHCP	Boot Mode	DHCP	
Boot Mode (IPv6)	Autoconfig	Boot Mode (IPv6)	Autoconfig	
	Autoconfig			
Web/ BECTani A	rear fonfinustion	CCII/ETDe Configuratio	-	
web/ Kestapin		33h/FTFS Comgurate	л	
Web Access		SSH Enable		
Web Port	443	SSH Port		
REST API Access	Disable	FTPs Access		
Castificata Ka	thick Constantion	FIPs Port		
Ceruikate ke	// Link Speed Comparation	Domain Name System		
SSL Certificate K	ey Length 2048 Bits	Manually Override Server		
Ethernet Link Sp	eed Auto Negotiation			



	PDU Configuratio	n Tool	★ v30.4			- ø x
G	Network S	ettings	5			
	Ethernet-1 IP Co	mfiguratik	201	Ethernet-2 IP Configur	ration	
	Network Mode	IPV	-4/IPv6 Dual	Network Mode	IPv4/IPv6 Dual	
	Boot Mode	Sta	80	Boot Mode	DHOP	
	Boot Mode (IPv6)	ST		Boot Mode (IPv6)	Autoconfig	
	IPv4 Address		2.168.0.1			
	Network Mask		5.255.255.0			
	Default Gateway		2. 168.0. 1			
	IPv6 Address	200	01:1200:1100:1000::98			
	Subnet Prefix Lengt	th	64			64 📜
	Default Gateway (I	Pv6) 200	01:1200:1100:1000::1			
	Web/ RESTapi A	ccess Con	Aguration	SSH/FTPs Configuration	n	
	Web Access	Https		SSH Enable		
	Web Port			SSH Port		
		Disable				
				FTPs Port		
	Certificate Key	//Link Spe	eed Configuration			
	SSL Certificate Ke	ey Length	2048 Bits	Domain Name System		
	Ethernet Link Spe	red	Auto Negotiation	Manually Override Server		

4. Enter the Web/RESTapi Access Configuration settings.

Network Settings themset 1 JP Configuration themset 1 JP Configuration themset 3 JP Configuration both Mode Prid>Configuration Prid>Configuration Both Mode (Prid)	Network Settings Ethernet 1 P Configuration Ethernet 2 P Configuration Network Node State Soct Node State State Charlen State State Prefix Langth State Charlen State State New State Charlen State State New State State New						
Hernet-1 P Configuration Neinota Mode 9x-4,0x-50 Sota Mode 9x-50 Sota Mode	Hennet-1 JP Configuration Itemete 2 JP Configuration Network Mode Pr4/Pr6 Dual	Network Setting	15				
Network Mode Park Bork Mode Static Bork Mode<	Netbords Node Pin-4[Div6 Dual	Ethernet-1 IP Configura	lon	Ether	rnet-2 IP Configu	ation	
bot Mode Statc bot Mode Pr-C bot Mode	bot Node State Bot Node State Bot Node State Bot Node State State State State State State State State State State State State State Sta	Network Mode	∿4/IPv6 Dual	- Netwo	ork Mode	IPv4/IPv6 Dual	
Boot Mode (Pr-4) STATIC - PP-4.4ddress 152.158.0.1 - Network Madk 255.255.255.0 - Pr-4.4ddress 150.100.1 - Pr-4.4ddress 150.100.1 - Pr-4.4ddress 2001:120011001:000:190 - Sabard Torelsy, (Pr-4) 001:120011001:000:100 - Sabard Torelsy, (Pr-4) - - Web/ RESTapi Access Configuration - - Web Access - - - Sabard Torelsy, (Pr-4) - - - Web Access - - - - Sabard Torelsy, (Pr-4) - - - - Sabard Torelsy, (Pr-4) - - - - Sabard Torelsy, (Pr-4)	bot Mode (Pr-46) STATIC - Pr-4 Address 192.168.0.1 - Pr-4 Address 192.158.0.1 - Pr-4 Address 200.1120001000:0000:08 192.158.0.1 - Pr-6 Address 200.11200011000:0000:01 64 1 - Schert Prefix Cateway (Pr-6) 200.11200011000:0000:01 64 1 - Verb / Address 200.11200011000:0000:01 64 1 - Schert Prefix Cateway (Pr-6) 200.11200011000:0000:02 - - Schert Prefix Cateway (Pr-6) 200.11200011000:0000:02 - - Schert Prefix Cateway (Pr-6) 200.11200011000:000:02 - - Schert Prefix Cateway (Pr-6) 200.1120011000:1000:02 - - Schert Prefix Cateway (Pr-6) 200.1120011000:1000:02 - - Schert Prefix Cateway (Pr-6) 200.1120011000:1000:02 - - Schert Prefix Cateway (Pr-6) 200.112001100:1000:02 - - Schert Prefix Cateway (Pr-6) 200.012001100:1000:02 - - Schert Prefix Cateway (Pr-6) 200.012001100:1000:02 - - Schert Prefix	Boot Mode S	tatic	- Boot M	Mode	DHCP	
PP-4 Address 192.168.0.1 PP-4 Address 192.168.0.1 Network Mark 255.255.0 Network Mark 255.255.0 Default Gateway 120.100:100:100:00:09 Oefault Gateway 252.252.25.0 Submet Prefix Length Oefault Gateway 252.252.25.0 Default Gateway Default Gateway 2001:100:100:100:00:09 64 ± Submet Prefix Length Default Gateway Default Gateway (Pre) 2001:1200:1100:100:100:100:100:100:100:1	ip2.168.0.1 ip2.168.0.1 ip2.460.1 Network Mark 255.255.25 ip2.160.0 ip2.460.1 Default Gateway 20911200:100:000:98 ip2.460.0 ip2.460.0 Subret Prefix Length 64 1 ip2.460.0 ip2.460.0 Default Gateway (IPve) 2001:100:100:000:9 ip2.460.0 ip2.460.0 Verb Address Verb Address 2011:00:100:100:100:100:100:100:100:100:	Boot Mode (IPv6) S	TATIC	- Boot M	Mode (IPv6)	Autoconfig	
Nethork Madk 255,255.0 A Address 255,255.0 Befail Caleway 192,188.0.1 Befail Caleway 192,180.0.1 Befai	Network Mark 255,255,25 0 0 Default Gateway 192,188,0,1 0 <	IPv4 Address 1	92.168.0.1				
Default Gateway 192.168.0.1 Default Gateway 192.168.0.1 Pré Address 2001:1200:1000:1000:1000:1000:1000:1000	befault Gateway 192.188.0.1 00 1200:1100:1000:198 04 04 Subret Prefix Length 64 0 0 0.0 0	Network Mask 2	55.255.255.0				
PP-6 Address 2001:1200:1100:1000::98 Subret Prefix Length 64 ° Default Gateway (PP-6) 2001:1200:1100:1000::2 Web/RESTapi Access Configuration SSH/FTP-s Configuration Web Access Into Neb Prefix Length SSH/FTP-s Configuration SSL Cartificate Key (Links Speed Configuration SSH Speed Configuration	IPV6 Address 2001:1200:1000:000::98 IPV6 Address 2001:1200:1100:1000::99 64 0 Subnet Prefix Length 0 64 0 Subnet Prefix Length Subnet Prefix	Default Gateway 1	92.168.0.1				
Subnet Prefix Length 64 Default Gateway (IPv6) 2001:1200:1100:100:100:100:100:100:12 Web/RESTapi Access Configuration Web Access Meb Access Meb Access Itips Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration SS. Certificate Key/Link Speed Configuration	Subret Prefix Length 64 1 Default Gateway (IPve) 2001:1200:1100:100:100:100:100:100:100:1	IPv6 Address 2	001:1200:1100:1000::98				
Default Gateway (Pv/d) 2001:1200:1100:1000:12 Web/R5Tapi Access Configuration Web Access Web Access Total Access Total Access Mito Mito Staffacta Key/Link Speed Configuration	Default Gatewary (Drvd) 2001:1200:1100:1000:12 Web/ RESTapi Access Configuration Web Access Mub Doable Htps SSH/FTPs Configuration SSH/FTP Configuration SSH/FTPs Configuration SSH/FTP Configuration	Subnet Prefix Length					
Web/ RESTapi Access Configuration SSH/FTs Configuration Web Access Configuration SSH/FTs Configuration Web Access Configuration SSH/FTs Configuration SSH Finable SSH Finable SSH Finable SSH Finable SSH Finable SSH Finable The The Access Certificate Key/Link Speed Configuration The Access SSL Certificate Key/Link Speed Configuration The Access	Web/ RESTapl Access Configuration Web Access Web Access Web Port Disable REST API Access Http Certificate Key Length SSL SSL SSL SSL SSL	Defeult Cateman (IDuf)	001:1200:1100:1000::1				
Verb Access Into SSI (Y 11 Comparison Web Access Into SSI (Y 11 Comparison Web Access Into SSI (Y 11 Comparison Neb Port Double Into NEST API Access Into FTPs Access Into Into FTPs Access Into Into Into Certificate Key/Link Speed Configuration Omain Name System SS. Certificate Key Length 204 Bits	Verb Access ittps > SSH[Y175 Colliguration] Web Access ittps > Bible > Https > Certificate Key/Link Speed Configuration > SSL Certificate Key/Link Speed Configuration > SSL Certificate Key/Link Speed Auto Negotation >	Denauri Galeway (PYO) 2					
Web Acces ttps SSI-Enable Web Part Disable SSI-Enable SSI-Enable SSI-Enable MEST AFLAcces Http FTPa Acces Integration FTPa Acces Certificate Key/Link Speed Configuration	Web Accts ttps SSH Envalue SSH Envalue Web Accts Intip SSH Envalue SSH Prot REST AF1 Access Intip FTPs Access Intip Certificate Key/Link Speed Configuration SSK Environ Intip SSL Certificate Key/Link Speed Auto Negotation Manually Override Server Intip	Wak / REET and Access (Icta- Castiens-M	_	
Web Part Usade SSH Part 22 Http FTPs Access FTPs Access FTPs Access Certificate Key/Link Speed Configuration FTPs Part 21 SSL Certificate Key Length 2048 Bits T Ethemat Link Speed Auto Neoptation Manually Overnide Server	Web Part Usake SSH Part 22 Http: FTP Access FTP Access Certificate Key Length 2048 Bits Image: Certificate Key Length 2048 Bits SSL Certificate Key Length 2048 Bits Image: Certificate Key Length 2048 Bits Ethernet Link Speed Auto Negotation Image: Certificate Key Length 0.0.0	Veduk Valensy (240) 2	nfiguration	SSH/	/FTPs Configuratio	n	
REST API Access Image: Control of the second of the seco	REST API Acces FTPs Acces FTPs Acces Certificate Key/Link Speed Configuration FTPs Acces Image: Certificate Key/Link Speed Configuration SSL Certificate Key/Link Speed Auto Negolation Domain Name System Ethernet Link Speed Auto Negolation Manualy Override Server	Web/ RESTapi Access Co	nfiguration	• \$945	/FTPs Configuratic	a I	
Certificate Key/Link Speed Configuration PTP Port 21 S3. Certificate Key Length 2048 Bts Domain Name System Filmmet Link Speed Auto Neoplation Manually Override Server	Certificate Key/Link Speed Configuration FPPs Port 21 SSL Certificate Key Length 2048 Bits Image: Certificate Key Length Domain Rame System Ethienet Link Speed Auto Negobation Image: Certificate Key Length Domain Rame System	Web/ RESTapi Access Co Web Access Https Web Port Diable	nfiguration	- SSH/ - SSH	/FTPs Configuratio	n 22	
SS. Certificate Key Length 2048 Bits	SS. Certificate Key Length 2048 Bits SS. Certificate Key Length 2048 Bits Ethernet Link Speed Auto Negotiation Primary Diff. Server 0.0.0.0	Web/ RESTapi Access Co Web Access Web Port Disable REST API Access Hitto	nfiguration	- 594 /- 594 /- 594 R	/FTPs Configuratio inable fort Access	n 22 23	
Ac Constant Ref Verger Java Usa	Sock de vinaler key ranger zero dias Ethernet Lirk Speed Auto Negotation	Web/ RESTapi Access Co Web Access Web Port REST API Access Certificate Key/Junk S	nfiguration seed Configuration	- - S94 6- S94 R- FTI% A FTT% P	/FTPs Configuratio Inable Fort Access Port	n 22 2 2 2 2	
	Charling College Automotion Primary DNS Server 0.0.0.0	Web/ RESTapi Access Cr Web Access Tapi Web Access Tapi REST API Access Http: Http: Certificate Key/Link S	nfguration	- SSH / SSH E SSH E Filts / Domk	/FTPs Configuratio inable fort Access Port ain Name System	n 22 2 21	
		Web/ RESTapi Access C Web Access Web Access REST API Access Certificate Key/LinkS SSL Certificate Key Lengt	nfguration seed Configuration 2048 Bits Aith Manchiston	 SSH 5 SSH 5 SSH 7 <li< td=""><td>/FTPs Configuratio inable fort Access Port Nort Name System ally Override Server</td><td>n 22 2 21</td><td></td></li<>	/FTPs Configuratio inable fort Access Port Nort Name System ally Override Server	n 22 2 21	
		Web/ RESTapi Access Cr Web Access Web Port REST API Access Certificate Key/Link S SSL Certificate Key Lengt Ethernet Link Speed	nfiguration seed Configuration 2048 Bits Auto Negotiation	- SSH/ SSH E SSH E FTbs P FTbs P Demu - Parts - Parts	/FTPs Configuratio inable fort Access Port ain Name System ally Override Server	n 22 2 21 0.0.0.0	
SS. Certificate Key Length 2048 Bits * Ethemet Link Speed Auto Neoptilation *	SS, Certificate Key Length 2048 Bits Ethernet Link Speed Auto Negotation Primary DIG Server 0.0.0.0	Web/ RESTapi Access C	nfiguration	- SSH/ - SSHE	/FTPs Configuratio	n V 22	



thernet-11P Conngur	ation	Ethern	rnet-2 IP Configu	ration	
etwork Mode	IPv4/IPv6 Dual	- Network	ork Mode	IPv4/IPv6 Dual	
iot Mode	Static	- Boot Me	Mode	DHOP	
xot Mode (IPv6)		- Boot Me	Mode (IPv6)	Autoconfig	
r4 Address	192.168.0.1				
twork Mask	255.255.255.0				
fault Gateway	192.168.0.1				
6 Address	2001:1200:1100:1000::98				
ant Deafly Leasth					
net Prent tengan					
fault Gateway (Pv6)	2001:1200:1100:1000::1				
isult Gateway (IPv6)	2001:1200:1100:1000:1	Defau 558/F	(FTPs Configuratic	a	
ne rrein Lei yur isult Gateway (IP+6) tb/ RESTapi Access (b Access Hittps	Configuration	SSN/F SSN/F	it Gateway (P+6) iFTPs Configuratic inable	e 2011 1200: 1200: 2000: 2	
tel / rein Lei yur bult Gateway (IP+6) eb/ RESTapi Access b Access Https b Port 443	2001:1200:1300:13	- SSH(7 - SSH(7 - SSH(7)	(FTPs Configuration insbig- tort	n 22 22 22 22 22 22	
cb/ RESTapi Access b Access Fito Part 443 57 API Access	Configuration	SSN/F SSN SSN	(FTPs Configuration insbig fort Access	n 2001:1300:1300:1000:12	
cb/ RESTapi Access bb/ RESTapi Access bb Access b Part 443 57 API Access Death	Configuration	• SSH (F SSH (F SSH (F) SSH (F	(FTPs Configuration inable fort Access Port	e 2001:1200:1100:1000:2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
cb/ RESTapi Access b Access Https b Fort 443 T API Access See Certificate Key Endole	Configuration	SSN/F SSN/F SSN/F SSN/F SSN/F SSN/F SN/F S	(FTPs Configuration IFTPs Configuration inable Access Port	n 2201:1200:1100:12000:-2 7 22 7 21	
tel / RESTapi Access aut Gateway (P+6) b) RESTapi Access Access Https D Port 443 T API Access Deck Cost Cost Cost Cost Fable Cost	2001:1200:1300:1300:13	- SSH/P SSH2P SH2P FTP-Ac PTP-Ac	It Cateway (P+6) FTPs Configuratio inable ort Access Port ain Name System	n 2011 1300-1300-12 2 2 2 2 1 2 1 2 1	
the result caryon but Catemay (D+6) th/ RESTapi Access b Access Hitps b Access Differences TAPI Access Device certificate Key Emotion S. Certificate Key Emotion S. Certificate Key Emotion	Configuration	SSH/F SSH/F SSH/F SSH/F SSH/F SSH/F Doma Manual Manual	It Cateway (P+6) IFTPs Configuration inable ort Access Port ain Name System ally Override Server	n 2001:1300:1300:2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
bul Cateway (P+6) bul Cateway (P+6) bul Cateway (P+6) bul Cateway (P+6) bul Cateway (P+6) bul Cateway (P+6) bul Cateway (P+6) categories categ	Configuration Configuration 2001:1200:1000:10 2001:1200:1000:10 2001:1200:1000:10	SSN/F S	It Catenay ((Pvd) It FTPs Configuration It FTPs Configuration It for the configuration It fo	* * 201:1200:1100:1000:2 * 22 * 21 * * * * * * * * * * * * *	

5. Enter the Ethernet -2 IP Configuration settings.

6. Enter SSH/FTPS Configuration, Certificate Key/Link Speed Configuration and Domain Name System settings.

🚟 PDU Configuratio	n Tool	♠ v304			- o :	×
C Network S	ettings	5				
Ethernet-1 IP Co	onfiguratio	n		Ethernet-2 IP Configu	ration	
Network Mode	IPv	·4/IPv6 Dual	- N	ietwork Mode	IPv4/IPv6 Dual	
Boot Mode	Sta	bc	- Be	loot Mode	DHCP +	
Boot Mode (IPv6)		ATIC	- Bo	loot Mode (IPv6)	Autoconfig ~	
IPv4 Address		2.168.0.1				
Network Mask		5.255.255.0				
Default Gateway		2. 168.0. 1				
IPv6 Address	200	01:1200:1100:1000::98				
Subnet Prefix Leng	ith 🗌					
Default Gateway (IPv6) 200	01:1200:1100:1000::1				
Web/ RESTapi A	iccess Con	figuration	5	55H/FTPs Configuratio	20	
10/-h 4	Litter			our-th-		
Web Access	142		• 5	ISH Enable		
DEST ADI Accese	Dicable			The Access		
REST PLI PLUES	CIGUUIC			TPs Port		
Certificate Ke	y/Link Spe	red Configuration				
SEL Cartificate V	in lanath	- 	D	Domain Name System		
Ethernet Link Sn	eed	Auto Neophation		Anually Override Server		
				rimary DNS Server	0.0.0.0	
			Se	econdary DNS Server	0.0.0.0 Please enter valid IPv4/IPv6 Address	



17. User Management



1. Click on the **User Management** icon to enable the User, Roles, LDAP settings, Session Management, Password Policies and Radius server configurations on this page. Select each of the tabs and enable the settings.

2. Click on the 💽 button to save changes.

User

```
1. Access the first tab, Add User and add new users with
```

roles admin, manager, and user.

2. The user is expected to enable/disable **Force Password change** at the time of Web UI login.

3. If **Force Password Change** is Enabled for a user, the PDU will prompt for password change after the configuration file is uploaded for that user.

4. If **Force Password Change** is Disabled, PDU will just login with the current user and will not request password change.





Role

5. Access the second tab, **Add Role,** and add/modify roles for different users.

PDU Configuration Tool 🛖 v3.0.4					- Ø X
G User Settings					
Add Users Add Roles LDAP Settings Session Management Password Polic	ies Radius Configuration				
Add Role					
Role Name			Role	Description	
Description			1 admin	admin operation	
Privileges User			2 user	user operation	
Add Role	Clear		3 manager	Redfish Manager	
		H4 44 4 Record 3 of			

LDAP Settings

6. Access the third tab, enable the **LDAP** server details.





Session Management

7. Access the fourth tab, enable the **Sessions** settings.

Password Policies

8. Access the fifth tab, update the **Password** policies, and enable the required

buser Settings Add Users Add Roles LDAP Settings Session Management Password Polices Radius Configuration Settings Password Agrig Interval 60d Mranum Password Length 8 Inforce at least one lower case character Enforce at least one poper character Enforce at least one p
Add Users Add Roles LDAP Settings Session Management Password Policies Radus Configuration Settings Password Aging Interval 66d - Minimum Password Length 8 - - Manaum Password Length 32 - - Enforce at least one lower case character - - - Enforce at least one numeric character - - - Enforce at least one numeric character - - - Enforce at least one numeric character - - -
Settings Password Aging Interval 60d Mrimum Password Length 8 Maximum Password Length 32 Enforce at least one lower case character
Password Agng Interval 60d - Mnimum Password Length 8 - Masimum Password Length 32 - Enforce at least one lower case character - - Enforce at least one upper case character - - Enforce at least one numeric character - - Enforce at least one public to respecial diversitor - -
Minimum Password Length 8 Maximum Password Length 32 Enforce at least one lower case character Enforce at least one upper case character Enforce at least one numeric character Enforce at least one paper case character
Maximum Password Length 32 Enforce at least one lower case character Enforce at least one upper case character Enforce at least one numeric character Enforce at least one pupped intervalent
Enforce at least one lower case character
Enforce at least one upper case dramater Enforce at least one numeric character Enforce at least one possid Annexter
Enforce at least one numeric character Enforce at least one special character
Enforce at least one special character

rules.

Radius Configuration

9. Access the sixth tab, update the **Radius** configuration, and enable the settings.





18. System Settings

3.



1. Click on the **System Settings** icon to enable the System Information, Power Panel Core Location and Rack location configurations on this page.

2. Enter details under each table to enable the system settings.

Click on the 💽 button to save changes.

PDU Configuration	Tool 🛖 v30.4			- o ×
🗲 System Man	agement			
System Information		Rack Locati	ion	
System Name		Room Name		
Contact Name		Row Name		
Contact Email		Row Position		
Contact Phone		Rack Name		
Contact Location		Rack ID		
LED Edge Color Blue		Rack Height		
OLED Rotate 0°				
Power Panel_Core	Location			
Power Panel Name				
Core Location	Front •			
Core U Position				



19. Rack Access Control





20. Smart Rack Access



1. Click on the **Smart Rack Access** icon to add Cards, Rack Access, Handle, Keypad, Beacon and LED settings and configurations on this page.

2. Select each of the tabs and enable the settings.

3. Click on the 💽 button to save changes

Cards

1. Access the first tab, **Add Cards** and add card details. Multiple cards can be added using this page.

📷 PDU Configura	tion Tool 🏠 v 8.0.4						- ø ×
🗲 Smart Ra	ack Access						
Add Cards Rack	Access Settings Handle Settings Keypad Settings Beacon Settings LED Settings						
Add Card							
Add Card Card ID Card PIN Username Temporary User Start Time Expire Time	128623 6239 Adam 2023/11/27 12:00:00 2023/11/27 12:00:00 Image: Stress of the st	Drag a column he	Card PIN	Username	Start Time	Expre Time	
		114 11 4 Record	0 <i>0</i> f0 , wm+- ,	*∀ ¥ (•



Rack Access Settings

2. Access the second tab, **Add Rack Access** and add the settings.

📷 PDU Co	infiguration Tool	(v 3.0.4 (
🕒 Sma	art Rack Access	s			
Add Cards	Rack Access Settings	Handle Settings	Keypad Settings	Beacon Settings	LED Settings
Sett	tings				
Aisle	Control	Hot/Cold Combined			
Auto	ock Time(Sec) Open Time(Sec)				
Max.	Door Open Time(Sec)				

Rack Access Settings

3. Access the third tab, **Handle Settings** and add the settings.

PD0	Configuratio	on Tool 🏠									
🗘 Sı	nart Rac	k Access									
Add Card	ls Radk Acc	cess Settings	landle Settings	Keypad Settings	Beacon Settings	LED Settings					
Set	tings										
ACU	Name										
Wor	k Mode	Keypad Only									
Ser	R sor Harne: K	RFID & Keypad Keypad Only					-				
Han	ness HOT	RFID Only									
Han	ness COLD	No Sensor									

Keypad Settings

4. Access the fourth tab, **Keypad Settings** and enable the settings.





Beacon Settings

5. Access the fourth tab, **Beacon Settings** and enable the settings.

📧 PDU Cor	nfiguration Tool 🏠	V3.0.4				
🕒 Sma	irt Rack Access					
Add Cards	Rack Access Settings	Handle Settings	Keypad Settings	Beacon Settings	LED Settings	
Settin	gs					
Function	n Locate					
Color	Red					
Color	Red					

LED Settings

6. Access the fifth tab, **LED Settings** and enable the settings.





21. Network Services



1. Click on the **Network Services** icon to enter the start IPv4 and end IPv4 for Ethernet-1 and Ethernet-2 IP addresses with the accurate Network mask and Default gateway configurations on this page.

Click on the 💽 button to save changes



To upload the conf.ini file on multiple PDUs with ipeth1.cfg and ipeth2.cfg follow the below steps:

- 1. In Network Settings, enter the Eth1 and Eth2 IPv4 addresses with accurate Network mask and Default gateway and set it to **Static** mode.
- 2. In **Network Services** page, enter the start IP and end IP for Ethernet-1 and Ethernet-2 IP addresses with the accurate Network mask and Default gateway.
- 3. Save the conf.ini file.
- 4. Four files will be saved:
 - conf.ini
 - deconf.ini (this file can be ignored)

2.

- ipeth0.cfg
- ipeth1.cfg
- 5. Copy the three files conf.ini, ipeth0.cfg and ipeth1.cfg into the USB and **upload the** conf file through OLED menu -> Setup -> USB -> UPLOAD CONFIG.
- 6. After upload, the eth0 and eth1 IP will be assigned to the start IPs of eth1 and eth2
- 7. Now, upload to different PDU and the IP of Eth1 and Eth2 should be incremented.



22. Save



1. Click on the **Save** icon to save all the settings and changes made and create a config.ini file.

2. Select the location to save the SKU settings and click **OK** to save.

3. To save changes for each step, the user clicks on the button.



4. If the user clicks on the Home button to navigate to other pages, there is no auto-save option for automatically saving the settings/changes.





23. Help



