G6 Firmware Release Notes 5.2.1
Rev1.0

Contents

General

Tested Application Compatibility

Application	Support	Known Limitations
SmartZone Security Handle	V2.6, V4.1	
GUT	V3.0.1	
LBT	V3.2	
CICT	V3.3.3	

Released Production Files

Product Upgrade

Image Information

```
Filename: Panduit.fw
Version: 5.2.1
CRC32: 9C88A10E
SHA256: 04e5a529d4abe939ec32d70a0c3596ca2130a5b6ac3f2f121d0a7179e24f958f
Filesize: 28982325 bytes
```

New Features

New Features added in version 5.2.1

- Secure LDAP.

- Syslog Enhancements.

- Configuration Change tracking.

Resolved Issues

Issues resolved by version G6 5.2.1

Issue ID	Title
G5-1576	LDAP Settings Bind Password is a password entry field in the Editor, but it is not obscured on the config viewer page.
G5-1688	pdug5InputTotalEnergy reads ZERO via SNMP while Web UI reads 0.44 kWh
G5-1698	Changing LDAP server changes Radius Server
G5-1708	OIDs pdug5FirmwareVersionTimeStamp and pdug5MACAddress terminated incorrectly in SNMP
G5-1720	New CLI coloring format breaks Gen3-G5 gateway application.
G5-1748	"Default settings" only defaults PDU 1
G5-1761	"Upstream Power Status" not updated correctly
G5-1764	Pressing the 'Menu' button on the LED screen takes 2 levels up
G5-1883	"dev sensor" through CLI does not work on daisy chain PDUs
G5-1944	The hardware version will be readable over SNMP
G5-2034	Event log does not include the User name when a Network card reset is performed
G5-2163	The "Upstream Power Status" icon on the Power Share page does not reflect the state of the system
G5-2165	The PDU web UI must not load assets from external web sites (e.g. favicon)
G5-2168	pdug5PowershareInput is always on even if neighbor PDU has power shared turned off.
G5-2173	Deleting a rack user through SNMP does not create the same even as deleting a user through the WebUI
G5-2196	Delete trap receiver does not update WebUI page, page has to be refreshed
G5-2202	Phase Current is incorrect on dash board. It is correct under phase thresholds, SNMP and CLI.
G5-2219	Reset to factory default does not reset the Event Customization and Alarm Level Customization.
G5-2220	The default setting of SNMP user 1 is enabled, should be disabled.
G5-2232	IPv4 address is displayed (not zero) when the Network Mode is set to IPv6 and viewed through SNMP or CLI
G5-2234	Cannot change pin mode from the Web UI.
G5-2240	No Alarms in WebUI when PDU1 loses power in Power Share mode
G5-2248	Input apparent power error is greater than 1.8% (SNMP get of pdug5InputPowerVA.1) (SN IN228J6026)
G5-2369	G6: OMB M-21-31 Logging Changes, Secure Syslog Feature
G5-2372	Secure LDAP Feature
G5-2385	Truncated link local IPv6 address in pdug5IPv6Address
G5-2391	G6 PDU	Changing hostname adds 6 octets of MAC address at the end
G5-2397	G6 PDU	All Syslog Events Show PANDUIT As The Host Instead of Assigned HOSTNAME
G5-2405	Duplicate Events logged when the 'Status LED Settings' are changed (Missing aisle location)
G5-2406	Changing the 'Circuit Breaker' Threshold from 1 to 5 shows up as '...changed to 500 from 100' in the Event Log

G5-2410	pdug5HidAisle reads HOT when iHandle is set to COLD and WebUI reads COLD
G5-2411	CLI reports EHANDLE is UNLOCK(ed) when it is LOCKED or UNLOCKED
G5-2413	Secondary NTP Server complains 'Not a valid IP6 address' entering a valid / the same IPv6 address for both NTP Servers
G5-2415	DHCP not working on a PDU previously used as PDU 2 in a 2-PDU daisy chain
G5-2417	WebInspect 11603 - HTML5: Cross-Site Scripting Protection (Low)
G5-2418	G6/Gen3: CLI results for 'dev outlet status' are different from 5.1.6
G5-2419	PDU2 OutletControlPowerOnState on the Event Log says 'LAST_STATE' Vs 'Last Known' for PDU1 when the state is set to 'Last Known'
G5-2422	Handle called EHANDLE on CLI
G5-2423	G6/Gen3: Missing "VoltageMeasType" in the "pwr phase" CLI command
G5-2425	G6/Gen3: dev statusled 1 <on|off> is missing
G5-2426	G6/Gen3: Extra space carriage return in CLI commands.
G5-2427	CLI cmd 'dev sensor' produces a parameter error ; format of output is also not same as G5 ; sensor serial #'s are missing "C" prefix
G5-2428	Event Log messages prior state is blank if any setting is changed from Default
G5-2432	Syslog TCP+TLS is not working
G5-2434	Viewing or Downloading the Data Log doesn't produce any Event log entry or SNMP trap when there is lot of data
G5-2436	Handle does not unlock with 16 digit PIN code
G5-2438	Unexpected communication lost events on COLD aisle handle after HOT aisle handle is connected
G5-2439	iNC Status LED remained GREEN after unplugging power from PDU
G5-2451	SNMPv3 AES192/256 protocol changed from Blumenthal to Cisco in 5.1.8
G5-2453	The "dev powershare [pduid]" is not implemented. Only "dev powershare" for all PDUs.
G5-2454	When PDU loses main power, wrong alarm is generated. "Upstream power of PDU(x) is lost" is generated but "Main power of PDU(x) is lost" should be generated
G5-2455	When PDU lost Main power, a trap stating "PDU lost upstream power".
G5-2456	PDUs that lose their power share input do not produce an alarm
G5-2457	Input Power, Energy, & Phase Power config settings are lost after a configuration file upload
G5-2459	Only the "last" SNMPv3 Manager works at any time
G5-2467	Power Share Changed: No Syslog
G5-2468	LDAP: An LDAP Error is Sent as Radius Error for SMTP, Syslog and Event Log
G5-2477	Selecting WebUI Default Settings Does Not Clear Trap Receiver, SNMP v3 or SMTP Password
G5-2479	Logging in through SSH can allow you to log in without changing the password
G5-2480	System hangs after initial password change.
G5-2481	Lost communication on iHandle sensors without unplugging iHandle cable
G5-2482	Access users all appear as non-authorized after swapping iHandles
G5-2488	Loading Event Log cause user to be kicked out to the login screen.
G5-2489	Cannot unlock handle with pin codes longer than 5 digits
G5-2500	Unable to connect to PDU WebUI after changing daylight saving time values

G5-2503	Switching from v4v6 to v6 only - leaves HTTPS, SSH non-functional - v4v6 and SNMP are still active

Issues resolved by version G6 5.1.8.B

Issue ID	Title
G5-2162	Outlet state change event produce duplicate events in the event log when outlet changed on PDU 1
G5-2199	Typo on the 'Power Share' page
G5-2256	SNMP Get of 'pdug5PowershareFunctionUpstreamStatus.1' is always 'notAvailable(0)
G5-2388	Add the ability to configure the Syslog facility. The customer wants everything at local7

Outstanding Issues

New Issues

The following reported problems have been found since the previous release and are still outstanding in this release.

Issue ID	Title	Version	Status
G5-2408	Global Configured IPv6 address switches between SLAAC address and DHCPv6 address	G6 5.1.8.B	Defered
G5-2409	Incorrect sensor communication ok traps when connecting a Security handle.	G6 5.1.8.B	Defered
G5-2442	Executing the CLI cmd "dev daisy rna init" yields "wrong priviledge"	G6 5.1.8.B	Defered
G5-2463	Password Changed: No Syslog	G6 5.1.8.B	Defered
G5-2465	No trap when door open remotely through SNMP	G6 5.1.8.B	Defered
G5-2469	PDU Configuration File Imported/Exported: No SMTP Email	G6 5.1.8.B	Defered
G5-2472	G6 DHCPv6 request malformed Client FQDN and is a non-Panduit domain name	G6 5.1.8.B	Defered
G5-2483	After accessing the PDU through RestAPI interface, the PDU became inaccessible through the WebUI interface	G6 5.1.9	Defered
G5-2501	When toggling Event Notifications rapidly, the Event Log may be truncated	G6 5.2.0	Defered
G5-2509	Syslog+TLS does not conform to RFC5425 (missing "MSG-LEN SP" prefix)	G6 5.2.0	Defered
G5-2510	Syslog message timestamps are always reported as +00:00 (the wrong timezone for all but the +00:00 timezone)	G6 5.2.0	Defered
G5-2512	A default PDU cannot enable sensor customization to Informational under the "Event & Alarm Customization"	G6 5.2.0	Defered
G5-2515	Last line of email alerts contains a NUL	G6 5.2.0	Defered
G5-2516	When SMTP and Syslog are enabled and the SMTP server isn't responding, the system goes slow and sometimes freezes until a power cycle of the NMC	G6 5.2.0	Defered
G5-2517	"Unlocked by Key" alarm does not increment the number of alarms	G6 5.2.1	Defered
G5-2518	A 1T+D Harness configured as 3T+D (user error) generates false temperature and/or humidity alarms	G6 5.2.1	Defered
G5-2519	pdug5InputEnergyThresholdThCtrl can be written and read, but it has no effect on the Web UI alarm settings	G6 5.2.0	Defered
G5-2523	Daisy Chained PDU 2 is Removed and Inherits Static IP After Reset and Conf Upload	G6 5.2.1	Defered
G5-2524	FW Update Did Not Send Email Notification	G6 5.2.1	Defered
G5-2525	Daisy Chain Status Changed With SNMP Trap Disabled But SNMP Trap Sent	G6 5.2.1	Defered
G5-2526	Power Share Status Changed With Email Enabled But No Email Sent	G6 5.2.1	Defered
G5-2527	Power Share Status Changed With SNMP Trap Enabled But No SNMP Trap Sent	G6 5.2.1	Defered

G5-2529	Phase Power Apparent Power throws HW or HC alarm when Enabled	G6 5.2.0	Defered
G5-2534	Syslog Event Notification Is Set On for User Role Status Change, But No Syslog	G6 5.2.1	Defered
G5-2535	Phase Power config settings are lost after a configuration file upload	G6 5.1.8.B	Defered
G5-2536	LDAP user login may not always be reliable	G6 5.2.1	Defered

G5-2408   Global Configured IPv6 address switches between SLAAC address and DHCPv6 address

Sometimes, after rebooting the PDU, the Global Configured IPv6 address changes between the SLAAC address to the DHCPv6 address

Workaround: Only have SLAAC or DHCPv6 configured on a network.

G5-2409   Incorrect sensor communication ok traps when connecting a Security handle.

Connecting a security handle may cause incorrect traps to be sent out. For example you may get two "T2" traps instead of a "T2" and "T3" trap.

Workaround: Ignore the incorrect traps.

G5-2442   Executing the CLI cmd "dev daisy rna init" yields "wrong priviledge"

Executing the CLI cmd "dev daisy rna init" yields "wrong priviledge"

Workaround: None

G5-2463   Password Changed: No Syslog

There is no syslog message sent when a user's password is changed.

Workaround: Look for the configuration change.

G5-2465   No trap when door open remotely through SNMP

When a handle is opened remotely through SNMP, no event notification event is created.

Workaround: none.

G5-2469   PDU Configuration File Imported/Exported: No SMTP Email

The email message from a Configuration File Imported/Exported may not been seen. If the message is sent before network is established, the message will be lost.

Workaround: Check the event log to see if the configuration took place.

G5-2472 G6 DHCPv6 request malformed Client FQDN and is a non-Panduit domain name

G6 DHCPv6 request malformed Client FQDN and is a non-Panduit domain name

Workaround: none.

G5-2483 After accessing the PDU through RestAPI interface, the PDU became inaccessible through the WebUI interface

After stressing the system through the RestAPI, the PDU's WebUI may become unresponsive.

Workaround: Wait for the system to recover or connect through SSH and reset the system.

G5-2501 When toggling Event Notifications rapidly, the Event Log may be truncated

When a large number of events occur back-to-back, the Event Log may be truncated.

Workaround: None.

G5-2509 Syslog+TLS does not conform to RFC5425 (missing "MSG-LEN SP" prefix)

Syslog+TLS does not conform to RFC5425 (missing "MSG-LEN SP" prefix)

Workaround: Reconfigure your syslog server to accept RFC3164 or RFC5424 messages on the TLS port.

G5-2510 Syslog message timestamps are always reported as +00:00 (the wrong timezone for all but the +00:00 timezone)

The timezone parameter is always "UTC" in the syslog message.

Workaround: None

G5-2512 A default PDU cannot enable sensor customization to Informational under the "Event & Alarm Customization"

If the PDU is in the default state, and you try to configure one of the sensor alarm levels to informational, there will be an error saying "Select Level other than Default".

Workaround: Change the level to warning or critical, save and then change the level to informational.

G5-2515 Last line of email alerts contains a NUL

The last line of the SMTP messages is terminated with a NULL character.

Workaround: Nothing.

G5-2516 When SMTP and Syslog are enabled and the SMTP server isn't responding, the system goes slow and sometimes freezes until a power cycle of the NMC

When SMTP is configured and the SMTP server is not accessible, the system's interface will experience a delay when an email message is sent.

Workaround: None

G5-2517 "Unlocked by Key" alarm does not increment the number of alarms

The alarm of "Smart Cabinet opened by key" does not get added to the critical alarm count.

Workaround: None.

G5-2518 A 1T+D Harness configured as 3T+D (user error) generates false temperature and/or humidity alarms

If the sensor harness is misconfigured, the system may produce incorrect alarms.

Workaround: Verify the sensor harness is properly configured.

G5-2519 pdug5InputEnergyThresholdThCtrl can be written and read, but it has no effect on the Web UI alarm settings

Updating the input energy threshold control through SNMP has no effect on threshold settings.

Workaround: Update the settings on the WebUI.

G5-2523   Daisy Chained PDU 2 is Removed and Inherits Static IP After Reset and Conf Upload

If a configuration occurs with a static IP address in conf.ini file and there are daisy chain PDUs, the secondary PDUs will disconnect from the main PDU.

Workaround: Directly connect to the secondary PDU and reconfigure the network address.

G5-2524   FW Update Did Not Send Email Notification

When a PDU system has its firmware upgraded, the SMTP message may not be sent. If the message is sent before the network interface is up, the message will not be sent.

Workaround: Verify the upgrade occurred by reviewing the Event Log.

G5-2525   Daisy Chain Status Changed With SNMP Trap Disabled But SNMP Trap Sent

The "Daisy Chain Status Changed" SNMP Trap is not sent when a change in the daisy chain system occurs.

Workaround: None

G5-2526   Power Share Status Changed With Email Enabled But No Email Sent

The "Power Share Status Changed" Email is not sent when a power shared event occurs.

Workaround: None

G5-2527   Power Share Status Changed With SNMP Trap Enabled But No SNMP Trap Sent

The "Power Share Status Changed" SNMP Trap is not sent when a power shared event occurs.

Workaround: None

G5-2529   Phase Power Apparent Power throws HW or HC alarm when Enabled

The apparent power alarm is always triggered when the high warning and high critical thresholds are enabled.

Workaround: Leave the apparent power alarms disabled.

G5-2534 Syslog Event Notification Is Set On for User Role Status Change, But No Syslog

No syslog message sent when User Role Status is changed.

Workaround: none

G5-2535 Phase Power config settings are lost after a configuration file upload

The phase power threshold are not restored after a configuration upload.

Workaround: Reconfigure the PDU through the WebUI.

G5-2536 LDAP user login may not always be reliable

LDAP user login may not always be reliable

Workaround: Try to log in again.

Existing Issues

The following reported problems were found prior to the previous release and are still outstanding.

Issue ID	Title	Version	Status
G5-1674	Total Energy on the summary page is less than Total Energy on the Phase page	G6 1.0.0.H	Defered
G5-1685	Data Log sample intervals drift 3-4 seconds added between reads	G6 1.0.0.H	Defered
G5-1692	Energy Alarm thresholds do not work.	G6 1.0.0.H	Defered
G5-1695	Power share numbers are off when configuring the Power share mode. Numbers are zero based, should be ones based.	G6 1.0.0.H	Defered
G5-1716	CLI command "pwr unit" command missing frequency	G6 1.0.0.H	Defered
G5-1722	Setting NTP and leaving secondary server blank, does not take. Takes if secondary server is 0.0.0.0	G6 1.0.0.H	Defered
G5-1743	CLI command "net phy 10100mbps" has no effect	G6 1.0.0.H	Defered
G5-1755	Cannot disable LDAP unless you enter the Bind Password	G6 1.0.0.H	Defered

G5-1763	The GET of API "/redfish/v1/PowerEquipment/RackPDUs/1/OutletGroups" fails	G6 1.0.0.H	Defered
G5-1771	On the outlet control page, Outlets 'in use' should be black and Outlets 'not in use' should be grey. This does not work reliably	G6 1.0.0.H	Defered
G5-1774	API "/redfish/v1/Managers/1/NetworkService" and "/redfish/v1/Managers/1/LogServices/Log/Entries" never return	G6 1.0.0.H	Defered
G5-1812	RFID reader version is not being displayed.	G6 1.0.1	Defered
G5-1813	Serial number is missing the leading 'C' for iHandle.	G6 1.0.1	Defered
G5-1814	In Dual Auth setting: Adding two cards with the same PIN is not allowed through the WebUI	G6 1.0.1	Defered
G5-1827	CLI command "dev ledstrip" is not implemented.	G6 1.0.1	Defered
G5-1866	CLI command 'dev outlet status' shows Open when the outlet is on and Close when outlet is off	G6 1.0.4	Defered
G5-1893	Retries on the email setting does not seem to be working	G6 1.0.4	Defered
G5-1904	SNMP walk of MIB ends incorrectly. Error "No more variables left in this MIB View (It is past the end of the MIB tree)" given.	G6 1.0.4	Defered
G5-1919	Cannot set IPv6 static address to a link-local address	G6 1.0.4	Defered
G5-1952	OLED fails to display 'USB status = Closed' when USB disabled.	G6 1.0.4	Defered
G5-1964	Resettable Energy is incorrect.	G6 5.0.2	Defered
G5-1965	Resettable Energy does not reset to ZERO consistently across all Web UI and SNMP variables when set through SNMP	G6 5.0.2	Defered
G5-1986	CLI command "usr" returns parameter error	G6 5.0.2	Defered
G5-2013	State of two state sensors do not always reflect the correct state of the sensor through SNMP.	G6 5.0.2	Defered
G5-2015	PDU becomes slow and unusable when multiple people are logged into the PDU WebUI	G6 5.0.2	Defered
G5-2036	SNMP traps for 'Daisy Chain Status Changed' events are sent out when the trap is disabled	G6 Future	Defered
G5-2058	Total Energy and Energy Since are not accumulating correctly on the Web UI and on the CLI	G6 5.1.2	Defered
G5-2062	Radius user with "User-role" set to return Admin is logged in without admin privileges	G6 5.1.2	Defered
G5-2065	Original static assigned IP address is lost after uploading a config file with a different static IP address through FTP and PDU #2 goes OFF LINE	G6 5.1.2	Defered
G5-2170	The SNMP values of pdug5GroupOutletCount not correct on PDU 4-6. Always reports 0	G6 5.1.4	Defered
G5-2176	FTPs Connects to Port 21 Even if FTPs Port Is Set to 25	G6 5.1.4	Defered

G5-2182	Cannot set SNMP value pdug5HidControlStartTime or pdug5HidControlExpireTime	G6 5.1.4	Defered
G5-2186	PDU instance off by one in PDU daisy chain connect and disconnect message.	G6 5.1.5	Defered
G5-2188	HID in data log reporting incorrectly. Reports as 65535 when closed and 255 when mechanically opened.	G6 5.1.5	Defered
G5-2189	Dry Contact sensor values are 0 and 1 in the data log. Should match WebUI and G5 with open and close.	G6 5.1.5	Defered
G5-2191	CLI 'usr login' fails to list all logged in users	G6 5.1.5	Defered
G5-2200	INFO Level Traps are sent for binary sensor when Event Customization is set for WARNING.	G6 5.1.5	Defered
G5-2205	Status LED is Green when the Door sensor is alarmed	G6 5.1.5	Defered
G5-2207	Status LED is Green when the Dry Contact / Spot / Rope Sensor is alarmed	G6 5.1.5	Defered
G5-2212	FTPS Status Changes Even Without Confirmation/Reboot	G6 5.1.5	Defered
G5-2216	False Assert Below Low Critical temperature and humidity traps when handle is connected	G6 5.1.5	Defered
G5-2218	OLED screen falls into power save mode much earlier than 1 hr. of inactivity	G6 5.1.5	Defered
G5-2221	User 'landlord' is not usable after executing the command 'dev daisy rna init'	G6 5.1.5	Defered
G5-2222	Entering the command 'dev daisy qna' does not change the daisy mode to 'QNA'	G6 5.1.5	Defered
G5-2223	Reset to factory default does not reset Domain Name System settings	G6 5.1.5	Defered
G5-2224	A 'Clear' trap is sent instead of 'Informational' when a new Role is added	G6 5.1.5	Defered
G5-2225	False Low Warning traps after COLD iHandle is unplugged from PDU #1	G6 5.1.5	Defered
G5-2233	SNMP V1/2c Manager Using IPv6 Does Not Work with specified IP address	G6 5.1.5	Defered
G5-2235	Changing the state of network stack left daisy chain PDUs in an incorrect state.	G6 5.1.5	Defered
G5-2257	'Upstream power of PDU [] lost' produces a Critical alarm. Should be Warning level alarm	G6 5.1.6	Defered
G5-2271	Walk of the SNMPv2 MIB is broken.	G6 5.1.6	Defered
G5-2274	pdug5InputPhasePowerWattHour and pdug5GroupPowerWattHour are not reset when "Reset PDU Energy" is selected from Web UI	G6 5.1.6	Defered
G5-2284	Energy per outlet is not accumulating accurately	G6 5.1.6	Defered
G5-2286	Setting the energy threshold values through SNMP is reversed as compared to the MIB. 0 is disabled and 1 is enabled.	G6 5.1.6	Defered

G5-2287	Line Frequency alarm stuck on PDU. Alarm occurred when PDU was in Power share mode and did not clear when power was restored.	G6 5.1.6	Defered
G5-2289	The PDU will accept an invalid the energy threshold control value when setting the value through SNMP.	G6 5.1.6	Defered
G5-2344	PDU Status LED is Red when Alarm level is set to 'Information' for Spot / Rope Sensor	3.3.4	Defered
G5-2351	Radius Error Event Log Is Concatenated with Previous Log	3.3.4	Defered
G5-2383	Cygwin SNMP get returns a timeout when using returned pdug5IPv6Address	G6 5.1.7.2	Defered
G5-2392	Entering an IPv6 address with a scope ID can leave the PDU's network in a bad state.	G6 5.1.7.2	Defered

G5-1674   Total Energy on the summary page is less than Total Energy on the Phase page

The total energy on the summary page could be less than the sum of all the phases. This is because the phase energy is truncated before summing the phases.

Workaround: None.

G5-1685   Data Log sample intervals drift 3-4 seconds added between reads

The time difference between data log reads will drift 3-4 seconds between reads. For example, if the interval is 2 minutes, the second read will occur 2 minutes and 3 seconds after the first read. Then the next read will happen about two minutes and 3 seconds after that read.

Workaround: none

G5-1692   Energy Alarm thresholds do not work.

Energy Alarm thresholds do not work.

Workaround: None

G5-1695   Power share numbers are off when configuring the Power share mode. Numbers are zero based, should be ones based.

When configuring the Power Share on the PDU, the PDU number is shown as zero based. It should be ones based.

Workaround: None

G5-1716   CLI command "pwr unit" command missing frequency

The CLI command "pwr unit" does not report frequency

Workaround: Use SNMP to get the frequency.

G5-1722 Setting NTP and leaving secondary server blank, does not take. Takes if secondary server is 0.0.0.0

Leave the servers blank causes the PDU to seem like it hung in a reboot state. However, it is only the browser page.

Workaround: Refresh the broswer.

G5-1743 CLI command "net phy 10100mbps" has no effect

Running the CLI command "net phy 10100mbps" will cause the system to reset and keep the system in "auto negotiation"

Workaround: None

G5-1755 Cannot disable LDAP unless you enter the Bind Password

Cannot disable LDAP unless you enter the Bind Password

Workaround: Enter the bind password.

G5-1763 The GET of API "/redfish/v1/PowerEquipment/RackPDUs/1/OutletGroups" fails

The GET of API "/redfish/v1/PowerEquipment/RackPDUs/1/OutletGroups" fails

Workaround: None

G5-1771 On the outlet control page, Outlets 'in use' should be black and Outlets 'not in use' should be grey. This does not work reliably

On the outlet control page, Outlets 'in use' should be black and Outlets 'not in use' should be grey. This does not work reliably.

Workaround: Verify the state of the outlet before changing the state of the outlet.

G5-1774 API "/redfish/v1/Managers/1/NetworkService" and "/redfish/v1/Managers/1/LogServices/Log/Entries" never return

API "/redfish/v1/Managers/1/NetworkService" and "/redfish/v1/Managers/1/LogServices/Log/Entries" never return

Workaround: None

G5-1812   RFID reader version is not being displayed.

RFID reader version is not being displayed.

Workaround: None

G5-1813   Serial number is missing the leading 'C' for iHandle.

Serial number is missing the leading 'C' for iHandle.

Workaround: None

G5-1814   In Dual Auth setting: Adding two cards with the same PIN is not allowed through the WebUI

In Dual Auth setting: Adding two cards with the same PIN is not allowed through the WebUI

Workaround: Make all users pin number unique

G5-1827   CLI command "dev ledstrip" is not implemented.

CLI command "dev ledstrip" is not implemented.

Workaround: None. The LED strip will work with out there commands.

G5-1866   CLI command 'dev outlet status' shows Open when the outlet is on and Close when outlet is off

CLI command 'dev outlet status' shows Open when the outlet is on and Close when outlet is off

Workaround: Know when CLI says open, it means the outlet is on

G5-1893   Retries on the email setting does not seem to be working

The retries on the SMTP do not work. If an error occurs, the message will not be re-transmitted.

*Workaround:*None

G5-1904	SNMP walk of MIB ends incorrectly. Error "No more variables left in this MIB View (It is past the end of the MIB tree)" given.

Doing a walk of the entire mib will end with an error "No more variables left in this MIB View (It is past the end of the MIB tree)".

Workaround: None

G5-1919	Cannot set IPv6 static address to a link-local address

Cannot set IPv6 static address to a link-local address

Workaround: Use a non-link local address.

G5-1952	OLED fails to display 'USB status = Closed' when USB disabled.

There is no way to disable the OLED access on the PDU.

Workaround: None

G5-1964	Resettable Energy is incorrect.

Resettable Energy is incorrect.

Workaround: None

G5-1965	Resettable Energy does not reset to ZERO consistently across all Web UI and SNMP variables when set through SNMP

Resettable Energy does not reset the Phase, Group or outlet data.

Workaround: None

G5-1986	CLI command "usr" returns parameter error

The CLI command "usr" is not implemented.

Workaround: None

G5-2013	State of two state sensors do not always reflect the correct state of the sensor through SNMP.

The SNMP can only read the alarm state of the two-state sensors (water, contact sensor) do not always reflect the current state of the sensor. If the alarm state of the sensor is disabled through the WebUI, the sensor will always return the none alarmed

Workaround: Leave the alarm state of the sensor enabled.

G5-2015   PDU becomes slow and unusable when multiple people are logged into the PDU WebUI

When multiple people are logged into the customer Web Interface, the interface may become sluggish and respond slowly.

Workaround: Limit access to the web interface.

G5-2036   SNMP traps for 'Daisy Chain Status Changed' events are sent out when the trap is disabled

SNMP traps for 'Daisy Chain Status Changed' events are sent out when the trap is disabled.

Workaround: None

G5-2058   Total Energy and Energy Since are not accumulating correctly on the Web UI and on the CLI

Total Energy and Energy Since are not accumulating correctly on the Web UI and on the CLI.

Workaround: None

G5-2062   Radius user with "User-role" set to return Admin is logged in without admin privileges

You cannot log in as an admin using RADIUS for remote authentication

Workaround: Log in as a local user.

G5-2065   Original static assigned IP address is lost after uploading a config file with a different static IP address through FTP and PDU #2 goes OFF LINE

Original static assigned IP address is lost after uploading a config file with a different static IP address through FTP

Workaround: Reprovision the IP address after the upgrade.

G5-2170   The SNMP values of pdug5GroupOutletCount not correct on PDU 4-6. Always reports 0

The SNMP values of pdug5GroupOutletCount not correct on PDU 4-6. Always reports 0

Workaround: Always check the value on the main PDU.

G5-2176   FTPs Connects to Port 21 Even if FTPs Port Is Set to 25

FTPs Connects to Port 21 Even if FTPs Port Is Set to 25

Workaround: none, you need to use port 21.

G5-2182   Cannot set SNMP value pdug5HidControlStartTime or pdug5HidControlExpireTime

A user cannot set SNMP value pdug5HidControlStartTime or pdug5HidControlExpireTime. This only impacts temporary users.

Workaround: If you need to set a temporary user, use the WebUI.

G5-2186   PDU instance off by one in PDU daisy chain connect and disconnect message.

The daisy chain connects and disconnects messages have the PDU instance off by one.

Workaround: Verify the PDU daisy chain when the messages are received.

G5-2188   HID in data log reporting incorrectly. Reports as 65535 when closed and 255 when mechanically opened.

In the data log, the HID will report 65535 when the handle is closed and 255 when the handle is opened.

Workaround: None

G5-2189   Dry Contact sensor values are 0 and 1 in the data log. Should match WebUI and G5 with open and close.

In the data log, the Dry contact sensor reports 0 and 1 instead of open and closed.

Workaround: None

G5-2191   CLI 'usr login' fails to list all logged in users

The CLI command "usr login" only show the current user instead off all users logged into the system.

Workaround: None

G5-2200   INFO Level Traps are sent for binary sensor when Event Customization is set for WARNING.

When the level of a state transition of a binary sensor is customized to level of warning, the trap event message will be of level INFO and not warning.

Workaround: None.

G5-2205   Status LED is Green when the Door sensor is alarmed

When a door sensor is in alarm, the status LED will not change to red.

Workaround: none.

G5-2207   Status LED is Green when the Dry Contact / Spot / Rope Sensor is alarmed

When a dry contact sensor is in alarm, the status LED on the PDU will not change to red.

Workaround: none.

G5-2212   FTPS Status Changes Even Without Confirmation/Reboot

If you disable FTPS using "net ftps off" and choose to not reboot, it actually takes effect immediately.

Workaround: Ignore the "Reboot required for change to take effect" text. Reboot if desired.

G5-2216   False Assert Below Low Critical temperature and humidity traps when handle is connected

When connecting a SmartZone Security handle to the PDU, sometimes the low temperature and humidity alarms are incorrectly reported. The alarms will clear shortly after this.

Workaround: Ignore the traps.

G5-2218 OLED screen falls into power save mode much earlier than 1 hr. of inactivity

OLED screen falls into power save mode much earlier than 1 hr. of inactivity. The PDU will fall into the power save mode around 30 minutes.

Workaround: None. The PDU can return to regular mode by pressing any button on the LCD.

G5-2221 User 'landlord' is not usable after executing the command 'dev daisy rna init'

User 'landlord' is not usable after executing the command 'dev daisy rna init'

Workaround: Login as 'admin'. Change the password for the 'landlord' user. Login as 'landlord' with the changed password.

G5-2222 Entering the command 'dev daisy qna' does not change the daisy mode to 'QNA'

Entering the command 'dev daisy qna' does not change the daisy mode to 'QNA'.

Workaround: None

G5-2223 Reset to factory default does not reset Domain Name System settings

Reset to factory default does not reset Domain Name System settings.

Workaround: Manually remove any of the Domain settings.

G5-2224 A 'Clear' trap is sent instead of 'Informational' when a new Role is added

A 'Clear' trap is sent instead of 'Informational' when a new Role is added.

Workaround: None

G5-2225 False Low Warning traps after COLD iHandle is unplugged from PDU #1

Low warning temperature and humidity alarms may be raised when a handle is disconnected from the system.

Workaround: If the handle is being permanently removed from the system, restart the system to clear the alarm. Otherwise reconnect the handle.

G5-2233 SNMP V1/2c Manager Using IPv6 Does Not Work with specified IP address

Restricting SNMP to certain IPv6 addresses for SNMPv2c does not work.

Workaround: Enter "0.0.0.0" to allow all IPv6 addresses or use SNMPv3.

G5-2235 Changing the state of network stack left daisy chain PDUs in an incorrect state.

Changing the state of network stack left daisy chain PDUs in an incorrect state.

Workaround: Connect to the daisy chain PDU directly and update the network configuration.

G5-2257 'Upstream power of PDU [] lost' produces a Critical alarm. Should be Warning level alarm

'Upstream power of PDU [] lost' produces a Warning trap but a Critical alarm

Workaround: None

G5-2271 Walk of the SNMPv2 MIB is broken.

The walk of the SNMPv2 MIB is broken.

Workaround: Individual SNMP Gets works correctly.

G5-2274 pdug5InputPhasePowerWattHour and pdug5GroupPowerWattHour are not reset when "Reset PDU Energy" is selected from Web UI

The values pdug5InputPhasePowerWattHour and pdug5GroupPowerWattHour are not reset when "Reset PDU Energy" is selected from Web UI

Workaround: None

G5-2284 Energy per outlet is not accumulating accurately

Energy per outlet is not accumulating accurately

Workaround: None

G5-2286   Setting the energy threshold values through SNMP is reversed as compared to the MIB. 0 is disabled and 1 is enabled.

Setting the energy threshold values through SNMP is reversed as compared to the MIB. 0 is disabled and 1 is enabled.

Workaround: Use the WebUI to set the energy thresholds.

G5-2287   Line Frequency alarm stuck on PDU. Alarm occurred when PDU was in Power share mode and did not clear when power was restored.

When the frequency alarm occurs while a PDU in power save, the alarm may not correctly clear when the main power is restored to the PDU.

Workaround: Do a system restart and the alarm will clear.

G5-2289   The PDU will accept an invalid the energy threshold control value when setting the value through SNMP.

Setting the SNMP energy threshold control value (OID = pdug5InputEnergyThresholdThCtrl) to a value outside the given range does not produce an error. However, the PDU will accept the value and do nothing with it. For example, most threshold control OIDs accept any value 0-15. However, the energy threshold is only 0-3 because there are no low energy alarms.

Workaround: Use only values 0-3.

G5-2344   PDU Status LED is Red when Alarm level is set to 'Information' for Spot / Rope Sensor

PDU Status LED is Red when Alarm level is set to 'Information' for Spot / Rope Sensor.

Workaround: None

G5-2351   Radius Error Event Log Is Concatenated with Previous Log

If a RADIUS error occurs, the event log message will be concatenated with the previous message.

Workaround: None

G5-2383   Cygwin SNMP get returns a timeout when using returned pdug5IPv6Address

Some applications have issues communicating to the link local address.

Workaround: Use the global IPv6 address.

G5-2392   Entering an IPv6 address with a scope ID can leave the PDU's network in a bad state.

Entering a scope ID on a static IPv6 address can leave the PDU network in an indeterministic state.

Workaround: Don't enter a scope ID when configuring the IP address.

Release History

Revision	Date	Reason for Change
5.0.2	December 11, 2022	Preliminary Release
5.1.2	December 11, 2022	General Maintenance
5.1.6	March 24, 2023	General Maintenance
5.2.1	February 23, 2024	Secure Logging Release