

SmartZone G5 Firmware Release Notes 2.3.21



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# General

## Tested Application Compatibility

| Application | Support | Known Limitations |
| --- | --- | --- |
| SmartZone | V9.2 | Access control functionality on PDU will not work with SmartZone 9.1 and prior. |

## Released Production Files

### Product Upgrade

#### Image Information

Filename: Panduit.fw  
Version: 2.3.21  
CRC32: AC68BC74  
SHA256: B3D378FF28FCE4C6B8Edd4104CfE581ECFE324A6AF52E0A7779BA8539A14E05E  
Filesize: 3100413 bytes

Location

https://panduit.sharepoint.com/edibu/dc/ims/Projects/Appliances/G5%20PDUs/v2.2.2

# New Features

## New Features added in version 2.3.21

* Support for switching between Celsius and Fahrenheit
* The ability to reset the PDU to a factory default setting through the iNC
* The ability to set a user’s password to never expire
* The ability to see the static IP address through the CLI when the Ethernet cable has been disconnected.
* Updated drivers to support alternative Cypress Flash memory component.
* General maintenance

# Resolved Issues

## Issues resolved by version 2.3.21

| Issue ID | Title |
| --- | --- |
| G5-119 | NA:The temperature scale( F vs C) of the system is inconsistent |
| G5-349 | NA:The temperature threshold values are list in Fahrenheit, but WebUI is in Celsius |
| G5-785 | The "DES" functionality was removed from SNMP, but setting was not removed from the WebUI |
| G5-916 | P10-195 CLI: New Password and Confirm New Password not aligned properly |
| G5-920 | P10-191 CLI: Takes new password more than 32 characters |
| G5-923 | SSH/CLI: Edited user in GUI cannot login to SSH/CLI. This only impact new users added to the system |
| G5-988 | Three Phase PDUs (P42D42M and P42DDAM) without breakers don't report the metering on phase 2 and 3 |
| G5-1000 | Changing the temperature scale through SNMP has no effect. |

# 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 |
| --- | --- | --- | --- |
| G5-1143 | pdug5OutletCurrentPercentLoad is incorrect and actually reads pdug5OutletCurrent | 2.3.21 | Deferred |
| G5-1144 | pdug5OutletWh always reads 100 no matter what load is applied | 2.3.21 | Deferred |
| G5-1146 | Erroneous Outlet Energy appears on Web UI for slave PDU | 2.3.21 | Deferred |
| G5-1147 | Missing phase current events on slave PDU in the event log, traps, syslog, and email | 2.3.21 | Deferred |
| G5-1151 | P10-229: Datalogs: Temperature Unit value is always in Fahrenheit for Slave PDU | 2.3.21 | Deferred |
| G5-1152 | Changing the temperature scale and then resetting system, leaves system with mismatch thresholds. Need to write threshold changes to the sensor. | 2.3.21 | Deferred |
| G5-1153 | Change OLED sensor scale on slave PDU only changes scale on PDU, but system. | 2.3.21 | Deferred |
| G5-1155 | Incorrect numbers appear under Phase peak current for daisy chain PDU in the data log | 2.3.21 | Deferred |

G5-1143

pdug5OutletCurrentPercentLoad is incorrect and actually reads pdug5OutletCurrent.

Through SNMP, the pdug5OutletCurrentPercentLoad always reads the outlet current.

*Workaround*: Divide the outlet current by the max current of the outlet.

G5-1146

Erroneous Outlet Energy appears on Web UI for daisy chain PDU.

The outlet energy values do not go to zero when the Reset PDU Energy is selected. The values read a large number.

*Workaround*: None.

G5-1147

Missing phase current events on slave PDU in the event log, traps, syslog, and email.

The phase traps do not work on the daisy chained PDU. If an event occurs, you will not receive any trap.

*Workaround*: Poll the PDU for voltage levels on the daisy chain PDU".

G5-1151

P10-229: Datalogs: Temperature Unit value is always in Fahrenheit for Slave PDU.

The temperature value in the datalog for the daisy chain PDUs is always in Fahrenheit.

*Workaround*: None.

G5-1152

Changing the temperature scale and then resetting system, leaves system with mismatch thresholds. Need to write threshold changes to the sensor.

Changing the temperature scale on the system will not store convert the temperature threshold on the temperature sensors. This means if the sensor is unplugged or the system reboots the threshold will revert to the scale.

*Workaround*: After changing the scale, update all the sensor thresholds.

G5-1153

Change OLED sensor scale on slave PDU only changes scale on PDU, not the system.

Changing the temperature scale on a daisy chained PDU will not update the temperature scale on any other PDUs

*Workaround*: To update temperature scale of the whole system, you need to change the scale through the WebUI, SNMP or on the main PDU.

G5-1155

Incorrect numbers appear under Phase peak current for daisy chain PDU in the data log.

Occasionally, the peak value for the current value will get corrupted in the data log.

*Workaround*: None

## Existing Issues

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

| Issue ID | Title | Version | Status |
| --- | --- | --- | --- |
| G5-55 | The ifSpeed is always returned as 0 | 2.2.0 | Deferred |
| G5-58 | The delayed option of the outlet control is not working | 2.2.0 | Deferred |
| G5-118 | Password error shows incorrect number of characters required | 2.2.0 | Deferred |
| G5-120 | NTP Syncs only on boot or network status change. | 2.2.0 | Deferred |
| G5-125 | CLI: http/https status can be incorrect | 2.2.0 | Deferred |
| G5-153 | Cannot change the state of an outlet on the second PDU through the CLI | 2.2.0 | Deferred |
| G5-173 | DST Transitions do not work properly | 2.2.0 | Deferred |
| G5-174 | pdug5InputFrequencyStatus not reporting out of range condition | 2.2.0 | Deferred |
| G5-181 | Initial State of water sensors are "alarmed" | 2.2.0 | Deferred |
| G5-182 | The number of sensors supported between the Web UI and SNMP need to be aligned. | 2.2.0 | Deferred |
| G5-186 | Syslog message are coming out as a priority "Mail.info" for everything | 2.2.0 | Deferred |
| G5-191 | Retries on the email setting does not seem to be working. | 2.2.0 | Deferred |
| G5-210 | Incorrect error handling in USB Configuration | 2.2.0 | Deferred |
| G5-224 | "dev sensor" through CLI does not work on daisy chain PDUs | 2.2.0 | Deferred |
| G5-231 | NTP Settings will not save if server IP is not valid | 2.2.0 | Deferred |
| G5-232 | NTP Test indicates both servers fail even if one works | 2.2.0 | Deferred |
| G5-233 | CLI command pwr cb does not return error when breaker number is missing | 2.2.0 | Deferred |
| G5-240 | snmp reads incorrect value for pdug5ConfigFtps (always reads on) | 2.2.0 | Deferred |
| G5-244 | Firmware upload shows completed too soon on Web UI | 2.2.0 | Deferred |
| G5-246 | SNMPv3 Traps (with noAuthNoPriv) not working on "send trap" | 2.2.0 | Deferred |
| G5-255 | Cannot add a user when only the Hot Aisle connected. | 2.2.2 | Deferred |
| G5-260 | Outlet names not saved in conf.ini file. | 2.2.2 | Deferred |
| G5-264 | CLI and Web UI do not match for Total Energy in kWhrs | 2.2.2 | Deferred |
| G5-273 | Cannot set time and date on expansion PDU | 2.2.2 | Deferred |
| G5-275 | Unexpected Error When Saving LDAP Configuration Settings | 2.2.2 | Deferred |
| G5-277 | Select rotate screen on horizontal units leave LCD screen upside down after a power up | 2.2.2 | Deferred |
| G5-283 | Data Log is unreadable when downloaded (no end of lines) | 2.2.2 | Deferred |
| G5-289 | No user feedback during long Event and Data Log Downloads | 2.3.0 | Deferred |
| G5-297 | Outlet pdug5OutletWhTimer and outlet energy readings do not get reset when energy is reset. | 2.3.0 | Deferred |
| G5-308 | Outlet Energy Since does not get reset through SNMP | 2.3.0 | Deferred |
| G5-313 | Line Frequency Below Critical Trap Generated when a Breaker is Turned OFF | 2.3.0 | Deferred |
| G5-318 | Input Energy Alarm Thresholds are off by one kWh | 2.3.0 | Deferred |
| G5-323 | USB light strip take TOO long to turn on (about 10 seconds) | 2.3.2 | Deferred |
| G5-326 | No error given when 17th rack access user is added. | 2.3.0 | Deferred |
| G5-333 | State of two state sensors do not always reflect the correct state of the sensor through SNMP. | 2.3.2 | Deferred |
| G5-340 | No trap sent when USER ROLE changes. Email and Syslog sent. | 2.3.3 | Deferred |
| G5-341 | Link up trap and email not sent. Syslog message is sent. | 2.3.2 | Deferred |
| G5-342 | No Firmware upgrade messages in trap | 2.3.3 | Deferred |
| G5-343 | No email notification for "Rack Access" events. (Traps and Syslog messages are received) | 2.3.3 | Deferred |
| G5-347 | Phase Current readings via SNMP do not match setting on expansion vs main for Delta Units. |  | Deferred |
| G5-348 | pdug5OutletControlCommand SNMP object is fully functional. Delay settings don't work | 2.3.3 | Deferred |
| G5-352 | Commanded On Delayed through WebUI for outlet control does not work. |  | Deferred |
| G5-355 | Rack access user configured in the system via SNMP doesn't take effect until a system reset | 2.3.3 | Deferred |
| G5-359 | All Alarm, Event Log, and Data Log messages remain in English regardless of language selected | 2.3.3 | Deferred |
| G5-361 | Language selection is not retained after exiting browser | 2.3.3 | Deferred |
| G5-363 | Alarm page cannot show all alarms; Shows first 30. | 2.3.3 | Deferred |
| G5-382 | KVA rating under REST Power distribution is scaled incorrectly | 2.3.4 | Deferred |
| G5-383 | TotalLoadPercentage reported as zero in RESTAPI | 2.3.4 | Deferred |
| G5-384 | RESTApi reports max voltage instead of measured voltage | 2.3.4 | Deferred |
| G5-386 | RESTApi reports Loadsegments/Circuit Breaker data incorrectly | 2.3.4 | Deferred |
| G5-387 | RESTApi reports Total watts/VA as zero on PDU#2 | 2.3.4 | Deferred |
| G5-473 | Test Email works correctly but Event Log says it failed | 2.3.4 | Deferred |
| G5-475 | "dev ledstrip off" does not leave the led strip on at all time | 2.3.4 | Deferred |
| G5-527 | SNMP set of breaker names can corrupt the name and inhibit viewing of outlets on Web UI | 2.3.4 | Deferred |
| G5-528 | RESTapi/REDFISH CircuitBreaker shows voltage=0 | 2.3.5 | Deferred |
| G5-529 | Random "Autolock after 3 min" message from system. | 2.3.5 | Deferred |
| G5-531 | Expansion Status LED flashes red when no network cable is present. | 2.3.5 | Deferred |
| G5-532 | Daisy Chain PDU3 and PDU4 data reporting is switched | 2.3.3 | Deferred |
| G5-545 | SNMP pdug5HidControlUserName is not SET correctly | 2.3.10 | Deferred |
| G5-548 | Data Log configuration time is not saved in the conf.ini file. | 2.3.10 | Deferred |
| G5-616 | Unloaded Outlet Names Displayed in BLACK on Web UI | 2.3.10 | Deferred |
| G5-648 | Configuring the PDU to factory defaults does not default certificates | 2.3.10 | Deferred |
| G5-682 | [SNMP set of pdug5InputEnergyThresholdThCtrl does not work on Expansion PDU](http://jira.panduit.com/browse/G5-682) | 2.3.11 | Deferred |
| G5-690 | [Cannot delete access user from web UI in IE11](http://jira.panduit.com/browse/G5-690) | 2.3.11 | Deferred |
| G5-750 | Sensor Version is blank sometime for door are HID, when it should be populated. | 2.3.18 | Deferred |
| G5-764 | Temperature event posting and clearing when there is no event. | 2.3.18 | Deferred |
| G5-784 | When a sensor alarm is Enable/Disable through SNMP, the value is not pushed to the sensor. | 2.3.18 | Deferred |
| G5-786 | CAS-911310-V4T8T4 - Panduit SNMPv3 passwords are truncated after 19 chars when it should be 32 | 2.3.18 | Deferred |
| G5-875 | Web UI does not agree with SNMP set values for pdug5InputEnergyThreshold settings | 2.3.18 | Deferred |
| G5-906 | RADIUS login error trap when local user logs in. | 2.3.19 | Deferred |
| G5-922 | IN SSH Password Change Request, when a wrong password is entered as the current password, the SSH still asks for password change request and validates the current password only after new password is entered | 2.3.19 | Deferred |
| G5-924 | When a new user is blocked and tries to login to SSH, the SSH still asks for Password change request | 2.3.19 | Deferred |
| G5-926 | P36G18M: Outlet Indexing issue observed on traps from BANK 2 to 6 | 2.3.19 | Deferred |

G5-55

The ifSpeed is always returned as 0

The SNMP oid IF-MIB::ifSpeed.1 is not updated with the operating speed of the Ethernet interface. It always returns zero.

*Workaround*: Use equipment at other end of Ethernet connection to determine the negotiated interface speed.

G5-58

The delayed option of the outlet control is not working

Via SNMP the outlet control OIDs: pdug5OutletControlOffCmd, pdug5OutletControlOnCmd do not support delayed control of the outlets. When these OIDs are written the action to the outlet occurs immediately.

*Workaround*: None.

G5-118

Password error shows incorrect number of characters required

When changing a user's own password, the error message always indicates greater than 8 characters are needed, even if the setting has been changed to another number.

*Workaround*: None

G5-120

NTP Syncs only on boot or network status change.

When the system time is update through NTP, the NTP syncs only during boot up or a network status change. This could cause a timing to drift over time.

*Workaround*: Resetting to PDU will cause a re-sync

G5-125

CLI http/https status can be incorrect

Enabling both HTTP and HTTPS through the CLI will force the Web UI to work in HTTPS mode.

*Workaround*: To have the Web UI to operate in HTTP mode, disable HTTPS and enable HTTP through CLI

G5-153

Cannot change the state of an outlet on the second PDU through the CLI

Changing the state of an outlet on expansion PDUs does not work through the CLI. This is not an issue on the main PDU

*Workaround*: Use SNMP or the Web UI to update the state of the expansion PDUs.

G5-173

DST Transitions are not working properly.

Setting Daylight Saving Time, while in the month you are trying to set will not work

Workaround: Manually set the date to a different month. Then set the Daylight Saving Time setting, then set date back to the correct date.

G5-174

pdug5InputFrequencyStatus not reporting out of range condition

When querying the pdug5InputFrequencyStatus through SNMP, it will always return Good, even when the line is out of range.

*Workaround*: Use Web UI to get the information.

G5-181

Initial State of water sensors are "alarmed"

When a water sensor is inserted in the PDU, an ""alarm"" event will occur and then immediately clear.

*Workaround*: none

G5-182

The number of sensors supported between the Web UI and SNMP need to be aligned.

Certain sensors types support different max sensor values on the Web UI vs SNMP. The could lead to issues where you could have more sensor on the Web UI than retrievable through SNMP.

The Web UI will support 8 sensors of each type. SNMP only supports 6 temperature sensors, 6 humidity sensors, 2 water sensors, 3 dry contact sensors and 2 door sensors

*Workaround*: none

G5-186

Syslog message are coming out as a priority "Mail.info" for everything

All syslog messages coming from the PDU are set with a priority of Mail.info.

*Workaround*: none

G5-191

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

G5-210

Incorrect error handling in USB Configuration

If you try to do an "Up Config", through bootloader mode, and you do not have an config.ini file on the USB drive, the PDU will be placed in an odd state. Some of the examples of that state being off is you cannot do a "Down Config".

*Workaround*: The PDU's controller needs to be reset.

G5-224

"dev sensor" through CLI does not work on daisy chain PDUs

In the CLI: The ""dev sensor"" command displays the sensors on the primary PDU. Information from the expansion PDUs is not shown.

*Workaround*: Use the WebUI to view these sensors.

G5-231

NTP Settings will not save if server IP is not valid

NTP Settings will not save unless the server IPs are set to a valid ntp server.

*Workaround:* Verify the both NTP servers are up and accessible when you are configuring NTP.

G5-232

NTP Test indicates both servers fail even if one works

The test of the NTP server is tested, it will show both servers have failed, when only one server has failed.

*Workaround*: none

G5-233

CLI command pwr cb does not return error when breaker number is missing

When the "pwr cb [x]" is ran from the CLI and no circuit breaker, cb, is entered, the command will return data that is not correct.

*Workaround*: Enter a valid value circuit breaker value in the command.

G5-240

snmp reads incorrect value for pdug5ConfigFtps (always reads on)

The SNMP will return on for the pdug5ConfigFtps oid.

*Workaround*: Use the Web UI to see the state of FTPs

G5-244

Firmware upload shows completed too soon on Web UI

After the upgrade, the Web UI will bring you back to the main page. The system will look like it has finished the upgrade, but there is still items being upgraded in the back ground. If you power cycle the PDU during this time you may corrupt the configuration.

*Workaround*: Verify you can log into the Web UI before power cycling the PDU

G5-246

SNMPv3 Traps (with noAuthNoPriv) not working on "send trap"

For users in noAuthNoPriv, the test trap command will fail. This is only a failure with the test message.

*Workaround*: none

G5-255

Cannot add a user when only the Hot Aisle connected.

The pull down menu for the adding a new user doesn't when there is only on HID connected to the PDU. Since the default of the pull down is "Cold Aisle", you will not be able to add a user to the Hot Aisle.

*Workaround*: connect both access hubs to the PDU to configure the addresses

G5-260

Outlet names not saved in conf.ini file.

When doing a configuration backup, the outlet name will not be saved

*Workaround*: Edit the names manually.

G5-264

CLI and Web UI do not match for Total Energy in kWhrs

The value read through the Web UI for Total Energy seems to lag behind the actual value.

*Workaround*: Use the value in the SNMP interface or through the CLI.

G5-273

Cannot set time and date on expansion PDU

The time on the expansion PDU cannot be set. Event notifications that occur on the expansion PDU time stamp could be incorrect.

*Workaround*: Connect expansion PDU to the network, configure time and date and then connect expansion PDU back to the daisy chain.

G5-275

Unexpected Error When Saving LDAP Configuration Settings

Before saving the LDAP settings, all settings are required to be filled in. If a field is not fill out correct, the error handling does not always highlight the correct field with the issue.

*Workaround*: When there is an error verify all settings.

G5-277

Select rotate screen on horizontal units leave LCD screen upside down after a power up

If you select rotate screen on a horizontal PDU, it will default the PDU screen rotation setting to 0 degrees (upside down) when the PDU is powered up. Even if the PDU is set to 180 degrees rotation (right side up) the PDU will still power up in the 0-degree rotation. If you have a horizontal PDU do not use this feature.

*Workaround*: This Default the PDU settings.

G5-283

Data Log is unreadable when downloaded (no end of lines)

The file returned when you download the data log has no end of line characters.

G5-289

No user feedback during long Event and Data Log Downloads

When you download the event log or data log the download can take a couple of minutes to download. While the file is downloading, there is no user feedback the download is in progress.

Workaround: Wait till the download completes.

G5-297

Outlet pdug5OutletWhTimer and outlet energy readings do not get reset when energy is reset.

The outlet energy values do not get reset to zero when the energy values are reset.

*Workaround*: None

G5-308

Outlet Energy Since does not get reset through SNMP

The outlet energy values do not get reset to zero when the energy values are reset through SNMP.

*Workaround*: None

G5-313

Line Frequency Below Critical Trap Generated when a Breaker is Turned OFF

Turning a breaker off on models that detect the breaker ON/OFF state, generates a Line Frequency Below Low Critical Trap in addition to the expected breaker state change trap.

*Workaround*: Ignore the other trap

G5-318

Input Energy Alarm Thresholds are off by one kWh

Input Energy Alarm Thresholds are off by one kWh

*Workaround*: Input Energy Alarm Thresholds are off by one kWh

G5-323

USB light strip takes TOO long to turn on (about 10 seconds)

When opening the cabinet, the USB light strip can take up to 10 seconds to turn on.

*Workaround*: None

G5-326

No error given when 17th rack access user is added.

The max number of rack access users is 16. If you try and add a 17th, the operation will fail without giving a failure message. The user will not be added.

*Workaround*: None

G5-333

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

The 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 state.

*Workaround*: Leave the alarm state of the sensor enabled.

G5-340

No trap sent when USER ROLE changes. Email and Syslog sent.

No trap is sent went a user role is changed. The email and syslog message event notification will be sent.

*Workaround*: None

G5-341

Link up trap and email not sent. Syslog message is sent.

The event notification for the link up event will not send an email message or a SNMP trap. It will send a syslog message.

*Workaround*: None

G5-342

No Firmware upgrade messages in trap

The event notification for the firmware upgrade event will not send SNMP trap. It will send a syslog message and an email message.

*Workaround*: None

G5-343

No email notification for Rack Access events. (Traps and Syslog messages are received)

When a Smart Rack Access event happens, an email notification will not be sent. The SNMP traps and Syslog messages are sent.

*Workaround*: None

G5-347

Phase Current readings via SNMP do not match setting on expansion vs main for Delta Units. Expansion seem to be measured Line to Neutral, Main measured line to line.

The Phase Current readings via SNMP do not match the on the expansion compared to the main unit for delta units. The main unit returns the values Line to Neutral and the expansion unit returns them Line to Line.

Work around: Use the WebUI to get the data.

G5-348

pdug5OutletControlCommand SNMP object is fully functional. Delay settings don't work

The delay option in the SNMP outlet control command object, pdug5OutletControlCommand doesn't work.

*Workaround*: None

G5-352

Commanded On Delayed through WebUI for outlet control does not work.

The "On Delay" through the WebUI of an outlet will no wait the "On Delay" before the outlet is turned on. It will turn the outlet on immediately.

*Workaround*: None

G5-355

Rack access user configured in the system via SNMP doesn't take effect until a system reset

A rack access user that is added through the SNMP interface will not be authorized to control a cabinet until the PDU is reset.

*Workaround*: Reset the PDU after a user is added through SNMP or add the user through the Web UI

G5-359

All Alarm, Event Log, and Data Log messages remain in English regardless of language selected

All Alarm, Event Log, and Data Log messages remain in English regardless of language selected

*Workaround*: None

G5-361

Language selection is not retained after exiting browser

The language of the WebUI will always fall back to English after the user logs out of the PDU.

*Workaround*: None

G5-363

Alarm page cannot show all alarms; Shows first 30.

The alarm page will only show 30 of the active alarms on the PDU.

*Workaround*: None

G5-382

KVA rating under REST Power distribution is scaled incorrectly

The KVA rating under /redfish/v1/PowerDistribution/1 appears to be reported in VA instead of KVA

*Workaround*: Use the SNMP interface or the WebUI to retrieve this information

G5-383

TotalLoadPercentage reported as zero in RESTAPI "The total load percentage reads ""0.0"" when read via

/redfish/v1/PowerDistribution/1/PowerMeasurement/LoadsegmentMeasurement

*Workaround*: Use the SNMP interface or the WebUI to retrieve this information

G5-384

RESTApi reports max voltage instead of measured voltage

When /redfish/v1/PowerDistribution/1 is read, the Voltage is reported as what appears to be the max voltage rather than the measured voltage.

*Workaround*: Use the SNMP interface or the WebUI to retrieve this information

G5-386

RESTApi reports Loadsegments/Circuit Breaker data incorrectly

When reading /redfish/v1/PowerDistribution/PowerMeasurement/LoadsegmentMeasurement the values are mostly incorrect.

*Workaround*: Use the SNMP interface or the WebUI to retrieve this information"

G5-387

RESTApi reports Total watts/VA as zero on PDU#2

When reading /redfish/v1/PowerDistribution/2 the total watts and VA are read as zero even though voltage/current are applied.

*Workaround*: Use SNMP or the WebUI to retrieve these values

G5-473

Test Email works correctly but Event Log says it failed

When sending a test SMS message through the email settings, you will sometimes get an SNMP traps stating the message failed to send. However, the SMS message was sent correctly.

*Workaround*: Ignore the trap.

G5-475

"dev ledstrip off" does not leave the led strip on at all time

The LED strip will always turn on and off based on the state of the door. The ""dev ledstrip off"" not set the LED strip to an always on state.

*Workaround*: None

G5-527

SNMP set of breaker names can corrupt the name and inhibit viewing of outlets on Web UI

Changing the name of the breakers through SNMP can corrupt the names through the Web UI.

Work around: Write the names a second time

G5-528

RESTapi/REDFISH CircuitBreaker shows voltage=0

When reading /redfish/v1/PowerDistribution/1/PowerMeasurement/LoadsegmentMeasurement shows that voltage of breaker1 is zero

*Workaround*: Use SNMP or the WebUI to retrieve these values

G5-529

Random "Autolock after 3 min" message from system.

After the system auto-locks the cabinet you will get a trap that states the cabinet has been auto-locked. However, sometimes you will get a second message stating the cabinet has been auto-locked after 3-min, no matter what the time out it.

*Workaround*: Ignore the second trap.

G5-531

Expansion Status LED flashes red when no network cable is present.

When you have a daisy chain setup, the daisy chained status LED may flash red to indicate the network connection is down.

*Workaround*: The network connection is not needed on the daisy chained PDU, so the LED can be ignored.

G5-532

Daisy Chain PDU3 and PDU4 data reporting is switched

The PDU instance number for PDU 2-4 is not based on the location in the chain but based on the order the PDU is discovered.

*Workaround*: none

**G5-545**

SNMP pdug5HidControlUserName is not SET correctly.

If you edit a Rack Access user through SNMP and the new name is shorted than the new name, the new name will only replace the name for the length of the new name.

*Workaround*: Delete the user from the WebUI, then add the new user back.

**G5-548**

Data Log configuration time is not saved in the conf.ini file.

The data log polling time is not in stored in the conf.ini file. This means this parameter cannot be restored through a configuration upgrade.

Work around: This value must be set manually.

**G5-616**

Unloaded Outlet Names Displayed in BLACK on Web UI

The color of the outlet number on "Control & Manage" Page will not reflect the current on the PDU. In other words, a black outlet will not always mean there is current on the outlet and a grey outlet will not always mean there is no current on the outlet. This only impact MSPO and MPO units.

*Workaround*: Check current on the dashboard before turning off the outlet.

**G5-648**

Configuring the PDU to factory defaults does not default certificates

Doing a "Default Settings" on the PDU will not delete any certificates from the PDU.

*Workaround*: Log into the CLI and run the command "net cert def".

**G5-682**

SNMP set of pdug5InputEnergyThresholdThCtrl does not work on Expansion PDU

The pdug5InputEnergyThresholdThCtrl, which means you cannot control the enabled/disable state of the energy alarms from through SNMP.

*Workaround*: Set the states through the WebUI.

**G5-690**

Cannot delete access user from web UI in IE11

Deleting a Smart Rack access user through the WebUI does not work with IE11.

*Workaround*: Use a different browser, like Chrome.

G5-700

Dry Contact Alarms in the opposite state.

When a dry contact sensor's end is touching, the sensor will report "Open". When the ends are apart they it will report "Closed".

*Workaround*: None.

G5-728

No trap after uploading config file using CLI.

There is no configuration trap after uploading conf.ini file through FTP and initialing the configuration upgrade through CLI.

*Workaround*: None.

G5-739

Setting PDU to factory defaults incorrectly defaults the wattHourTimer's. It leaves the wattHour counts

Doing a system default will set the "Energy Since" time to the time of the default. However, it will not reset the energy.

*Workaround*: Use the WebUI, the CLI or SNMP to get the correct value of the HID.

G5-744

No Loss Comm traps from sensors when sensor is removed.

The Loss Comm trap is not seen when a sensor is removed from the PDU.  
  
*Workaround*: None.

G5-750

Sensor Version is blank sometime for door are HID, when it should be populated.

The version of the HID will be missing sometimes on the Dash board of the WebUI.

*Workaround*: Use the CLI or SNMP interface to view the version.

G5-764

Temperature event posting and clearing when there is no event.

Sometimes the PDU may report an erroneous assert and then immediately de-assert event on a temperature sensor.

*Workaround*: Any transient events may be ignored.

G5-784

When a sensor alarm is Enable/Disable through SNMP, the value is not pushed to the sensor.

Setting the temperature and humidity sensor threshold over SNMP are not store in the sensor. This will cause the values to be reset after a PDU reset.

*Workaround*: Set the values through the WebUI.

G5-786

CAS-911310-V4T8T4 - Panduit SNMPv3 passwords are truncated after 19 chars when it should be 32.

SNMP v3 authorization password and privacy key are truncated to 19 characters when entered into the WebUI.

*Workaround*: The user must have a password less than 19 characters.

G5-875

Web UI does not agree with SNMP set values for pdug5InputEnergyThreshold settings.

Setting the Input Energy thresholds through SNMP does not configure the PDU correctly.

*Workaround*: Configure the PDU through the WebUI.

G5-906

RADIUS login error trap when local user logs in.

When RADIUS is configured on the PDU and an user stored locally on the PDU logs in, a RADIUS login event will post.

*Workaround*: None. The trap can be ignored.

G5-922

In CLI Password Change Request, when a wrong password is entered as the current password, the SSH still asks for password change request and validates the current password only after new password is entered.

If a user tries to log into the CLI for the first time and enters an incorrect password, the PDU will ask the user to enter a new password before checking if the user's password is correct.

*Workaround*: None. The PDU will check if the user's password is correct after the new password is entered and will take the appropriate actions.

G5-924

When a new user is blocked and tries to login to SSH, the SSH still asks for Password change request.

If a block user tries to log into the CLI for the first time, the PDU will ask the user to enter a new password before checking if the user is blocked.

*Workaround*: None. The PDU will check if the user is blocked after the new password is entered and will take the appropriate actions.

G5-926

P36G18M: Outlet Indexing issue observed on traps from BANK 2 to 6.

Outlet traps on P36G18M will report the incorrect trap code for outlets 7-36.

*Workaround*: The outlet number in the trap description is correct.

# Document History

Revision Date Reason for Change

1 May 3, 2020 Prelim