

SmartZone Cloud Initial Setup	
Applies to:	SmartZone Cloud, PDUs, UPSs, and other Assets
Objective:	Describe the initial SmartZone Cloud setup, including rack PDU and UPS discoveries.
Pre-requisites:	<ul style="list-style-type: none"> • SmartZone Cloud Software • In-rack PDU and/or in-rack UPS • Data Collector

Description

This document outlines the recommended initial setup of the SmartZone Cloud environment. Depending on how the SmartZone Cloud application is to be used, a subset of this data may be required. For additional support, please contact SystemService@Panduit.com.

Prerequisites

1. Monitored assets setup
 - a. Determine and setup the IP address for all assets to be monitored.
 - b. Determine and setup the SNMP community strings for all assets.
 - c. Install the assets and establish communication through the network.
2. Data Collector setup
 - a. Provide a server or VM to be used as the Data Collector, according to the required specs ([Setting Up Data Collectors](#) under “Prerequisites”).
 - b. Install the supported OS on the server or VM and assign the IP address.
 - c. Establish communication between the Data Collector, the server and SmartZone Cloud and make sure the server or VM can reach the assets through the internal network.
 - d. Provide outside internet access to the server or VM.

Note: Installation of the Data Collector will be part of SmartZone Cloud Setup.

Setup Steps

1. Setup Users
 - a. [User Accounts](#)
2. Add Access Policies
 - a. [Manage Access Policies](#)
3. Add Locations
 - a. [Add a Location](#)
Click on **Information** → **Properties**.

Under **Location Settings** → **Rack Design (W)**, add the design value that will be applied to all racks yet to be added.

Under **Power**, add the design value (**W**) and IT Energy setting related to the location. The default setting for rack **Total Power Setting (Sum Power Providing Device Output Total Power)** will automatically calculate the power consumption for the rack, based on data from the PDU.

4. Add Layouts
 - a. [Location Layouts](#)
Click on **Layout** → **Edit** → **Mode** → **Floor Plan Mode**. You can add a background image and create a grid on that image.
5. Add Racks
 - a. Click on **Layout** → **Edit** → **Tools** → **Add new rack** to add racks to the floor plan.
 - b. Once the rack options are selected, click on the floor plan where the rack should be. You can click multiple times to create multiple racks.
Note: To set up a rack with a different power design, click on **Information** → **Properties** and select the new value under **Design Value (W)**.
6. Add Assets
 - a. [Add Assets](#)
Important: Add the correct serial number in each asset, since this information will be used when they are discovered by the data collector.
Note: If Bulk Import is used, all required fields must be completed to be successful.
7. Add Data Collector
 - a. [Set Up Data Collectors](#) under “Downloading the Data Collector”
8. Add Discovery
 - a. First [Add/Delete a Discovery](#)
 - b. Then [Configure Discoveries](#)
 - c. Lastly [Run Discoveries](#)
Note: SmartZone Cloud will automatically merge the discovered asset with the previously added asset when there is a serial number match.
Troubleshoot any discrepancies for assets that are not placed correctly.
9. Fine Tuning
 - a. [Configure Sensors](#)
 - b. Enable email notification
 - i. Navigate to the location, rack, or asset that you want to receive email notifications.
 - ii. Click on the bell icon next to the location, rack, or asset name to activate email notification.

Note: Use Bulk Action **Start Watching** under [Bulk Actions](#) to setup multiple notifications.