

HPE GreenLake Flex 8.8.5 user guide

HPE GreenLake for VMware Cloud Foundation: managed for you

HPE GreenLake for VMware Cloud Foundation: customer managed

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Document revision history

Document version	Date	Solution release version
1.0	November 2024	8.8.5



Introduction

This document is intended for pre-sales personnel, account managers, Integration Center personnel, and solution architects who are involved in creating Customer Intent Documents (CIDs) for HPE GreenLake solutions.

When ordering a customized or pre-configured solution, the HPE sales personnel, solution architects, and technical support personnel put together a CID.

The CID stores the requirements of different customers. It contains information on system requirements and configuration which is used by HPE to build the system according to the customer-provided specifications.

HPE Smart CID is the web version of CID. It is a tool that allows you to perform the following:

- Select a system
- Select a configuration
- Enter configuration details as per specific business requirements
- Generate configuration files for build automation

HPE Smart CID is thus an online collaborative tool that aids in customizing the solution as per the customer's data center requirements. Highly intuitive, fast, and time efficient, HPE Smart CID prevents incorrect and incomplete data entry, build errors, and enables a flawless build at the factory or on-site.

Features

Following are the feature highlights of HPE Smart CID:

- Web-based: HPE Smart CID is web-based and is accessible from a browser. It is a single location where all the information on customer requirements can be stored and retrieved, instead of having multiple versions with different updates shared over email chains.
- Simplified experience:
 - Built-in validations: HPE Smart CID has built-in validations to ensure the information entered is complete and accurate.
 - Autofill: It provides default values for hostnames, IP addresses, and passwords to make the filling up of the CID process faster and more
 efficient.
 - **Context-sensitive help**: The inline help is context-aware. It progressively discloses the required information while continuously prompting the users to provide correct data in the related fields.
- User-friendly and intuitive interface: HPE Smart CID intuitive and user-friendly interface makes it easy to enter all the CID information in a single location. The interface is like other HPE management tools such as HPE OneView.
- **Customized templates**: HPE Smart CID has customized configuration templates which users can select based on their requirements that aid faster decision-making.
- HPE Solution Sales Enablement Tool (SSET) and One-Configuration-Advanced (OCA) integration: HPE Smart CID also supports CID creation through the SSET and OCA portals.
- HPE GreenLake Cloud Modules Designer integration: HPE Smart CID supports fetching instance types from Cloud Modules Designer for a specific Bill of Material (BOM).

Browser compatibility

HPE Smart CID is designed to work on the following browsers:

- Google Chrome
- Microsoft Edge



Supported HPE GreenLake offerings

HPE Smart CID supports creating CIDs and Tenant CIDs for the following solutions and cloud services:

HPE GreenLake Private Cloud AI

- Private Cloud AI
- **HPE GreenLake Cloud Services**
- HPE GreenLake for Private Cloud Enterprise

HPE GreenLake Flex

- HPE GreenLake for Red Hat OpenShift Contain;er Platform
- HPE GreenLake for Vmware Cloud Foundation customer managed
- HPE GreenLake for Vmware Cloud Foundation : managed for you.
- Enterprise Solutions
 - HPE GreenLake SAP S4/HANA
 - HPE GreenLake for Microsoft Azure Stack HCI
- SAP HANA
 - HPE ProLiant DL560 Gen11 Solution for SAP HANA (SPR)
 - HPE ProLiant DL360/DL380 Gen11 Solution for SAP HANA (SPR)
 - HPE ProLiant DL360/DL380 Gen 10+ Solution for SAP HANA (ICX)
 - HPE Superdome Flex Solutions for SAP HANA with HPE Primera/HPE Alletra v6.5
 - HPE Superdome Flex 280 Solutions for SAP HANA (CPX)
 - HPE Superdome Flex Predefined configs with JBOD (CLX)
 - HPE Superdome Flex Solutions for SAP HANA with 3PAR v6.0
 - HPE ProLiant DL560 Gen 10 Predefined config v6.0 (CLX)
- Infrastructure
 - HPE Synergy
- NFV
 - HPE Telco Infrastructure Configuration Generator

Getting started

HPE Smart CID is a web-based application. You can access HPE Smart CID by logging in to the application from a web browser.

Accessing HPE Smart CID

Access HPE Smart CID from a web browser at https://smartcid.itcs.hpe.com/).



Figure 1. HPE Single Sign-On (SSO) login for HPE Smart CID

To start using HPE Smart CID, you must create a user account

- Click **HPE Employee Login** if you are an HPE employee. HPE Smart CID then authenticates your email address from the HPE corporate directory.
- Click **Customers/Partners Login** if you are a customer or a partner. You can then sign in with your user name and password on the HPE Sign In webpage. If you do not have an HPE account, follow the instructions on the HPE Sign In webpage to create a new account. Log in to HPE Smart CID with your new account.

Note

Existing customers and partners can log in using their current user name/email ID and password.

New customers and partners must sign up through the HPE IAM Next-Generation Single Sign-On and authentication platform.

HPE Smart CID interface

When you log in to the HPE Smart CID portal, the default page displays the following CID types:

- Private Cloud AI: Click this option to configure cloud services for private Cloud AI.
- HPE GreenLake Cloud Services: Click this option to configure cloud services such as HPE GreenLake for Private Cloud Enterprise, HPE GreenLake for VMware Cloud Foundation, and so on.
- Enterprise Solutions: Click this option to configure solutions such as HPE GreenLake for Microsoft Azure Stack HCI, MLOps on HPE container Platform, SAP HANA, and so on.
- **GreenLake Flex Solutions :** Click this option to configure solution such as HPE GreenLake for Red Hat OpenShift Container Platform, HPE GreenLake for Vmware Cloud Foundation customer managed, HPE GreenLake for Vmware Cloud Foundation managed for you.





Figure 2. CID types

CIDS	(3)	iearch for Smart C	an .	۹	5 Create Cit
June (E	5 Cit Number	Tenant ID	Site ID/ Deployment ID	GreenLake Offerings	Submit Date / Last Modified Date
Pre-Sales Locol	41-62321276-4364-001			HPE GreenLake for Red Hat OpenStellt Container Platform	2024-11-19 13:31:460
Active	GL-595300798-4354-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-11-19 08:29:36:0
Active	GL-593082905-4353-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-11-19 06:55:25:0
Active	GL-642108417-4348-001			HPE GreenLake for VMware Cloud Foundation customer managed	2024-11-07 06:07-27.0
Active	GL-294768902-4347-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-11-07 04:13:32:0
Pre-Sales Locked	GL-321453848-4345-001			HPE GreenLake for VMware Cloud Foundation customer managed	2024-11-06 12:22:23:0
Factory Locked	GL-062870461-4329-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-11-04 14:38:49.0
Factory Locked	GL-023923824-4298-001			HPE GreenLake for VMware Cloud Foundation managed for you	2024-10-24 16:20:15:0
Factory Locked	GL-312317884-4284-001			HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-22 12:17:440
Factory Locked	GL-471830301-4282-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-30-22 05:20:02:0
BFactory Locked	GL-827224545-4279-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-30-23 09:38:380
Factory Locked	GL-232942829-4278-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 09:28:22:0
Factory Locked	GL-358729374-4276-001			HPE GreenLake for VMware Cloud Foundation customer managed	2024-10-21 06:44:49.0
Curtan Ingent				USE Convert site for Vikianov Planet Encodeditor measured for one	Rows per page 25 V 1-25 of 67

Figure 3. HPE Smart CID interface

The following table lists and describes the sections of the HPE Smart CID interface.

Table 1. HPE Smart CID interface

ltem	Description					
1	Main CIDs page - Click this icon to view the CIDs page.					
2	CID Types - Click this icon to display the CID types.					
	HPE GreenLake Cloud Services					
	Enterprise Solutions					
3	Search pane - Search CIDs using any details the CID number, order number, customer name, and so on.					
4	Help, Session - The icons on the top right of the page stand for the following:					
	• Help - Click this icon to take you to the online help page.					



ltem	Description					
	Session - Click this icon to display your login account details and status					
5	Create CID+ - Click this to create a new CID.					
6	Entries - If a CID is already created, this section automatically displays the status, CID number, order number, region, customer name, configuration, description, creation date, and submit date or last modified date.					
7	Version - Click this icon to view the following details:					
	HPE Smart CID version					
	Build number					
	Build date					
8	Privacy policy - Click this icon to redirect you to the HPE Privacy Statement page.					
9	Release Notes - Click this icon to view the latest HPE Smart CID Release Notes.					
10	Email - Click this icon to redirect you to the HPE Smart CID Email support.					

CID listing page

The CID listing page displays the CIDs created by you. Any user can view or edit the CIDs added as a collaborator. The collaborator details are added in the **Customer Info** section.

Note

Collaborators can be added or deleted and cannot be pre-defined.

	E Smart CID		-		?
CIDs		Search for Smart C	ID	Q	Create CID
Status	CID Number	Tenant ID	Site ID/ Deployment ID	GreenLake Offerings	Submit Date / Last Modified Date
Factory Locked	GL-062870461-4329-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-11-04 14:38:49.0
Factory Locked	GL-023923824-4298-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-24 16:20:15.0
Factory Locked	GL-256248295-4287-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-23 05:26:05.0
Factory Locked	GL-312317884-4284-001			HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-22 12:17:44.0
Factory Locked	GL-471830301-4282-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-22 05:20:02.0
Factory Locked	GL-827224545-4279-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 09:38:38.0
Factory Locked	GL-232942829-4278-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 09:28:22.0
Factory Locked	GL-358729374-4276-001			HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-21 06:44:49.0
Factory Locked	GL-755084826-4275-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 05:57:14.0
Factory Locked	GL-971578729-4270-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-18 13:57:01.0
Pre-Sales Locked	GL-132309514-4263-001			HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-18 10:43:53.0
Pre-Sales Locked	GL-216054756-4248-001			HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-17 13:29:38.0
Pre-Sales Locked	GL-917383063-4247-001			HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-17 13:08:59.0
Eactory Lockad	CI 203741790 1210 UU1			LIDE Graant aka for VMwara Cloud Equindation; managed for you	Rows per page 25 V 1-25 of 64

Figure 4. CID listing page

- The CID listing page provides the following details for each of the CIDs listed:
- Status
- CID Number
- Tenant ID





- Site ID/Deployment ID
- GreenLake offering
- Submit Date/Last Modified Date

You can search and filter CIDs using any search string parameter such as CID number, Order number, Customer name, Region, and so on.

Viewing CID details

To view the details of any CID, follow these steps:

- 1. Click the **CID Number** on the CID listing page. The dashboard of that CID is displayed.
- 2. Click the section title to view the details of each section.

CID form details

When you click on any form on the dashboard, the details of the form are displayed. You can edit or view the information that was either previously entered or auto-populated in that field.

Each section is explained in detail under the Creating CIDs in the HPE Smart CID section in this document.

Session and Help

On the top right corner of the dashboard window, the Session and Help icons appear.

- The **Session** icon displays the email ID of the current user.
- The **Help** icon displays the following:
 - HPE Smart CID version number
 - Link for downloading the latest HPE Smart CID User Guide
 - Link for downloading the latest HPE Smart CID Release Notes
 - Link to the HPE Smart CID training material
 - Link for email support

Actions menu

The Actions menu contains the following sub-menus:

- Delete
- Clone
- Upload
- Activity Log
- Downloads



GL-917383063-4247-001		Expert View Service Definitions	Delete
State Pre-Sales Locked	Version 5.2	Last updated 17/10/2024, 13:17:46	Upload
	0		Activity L
	HPE Integration Site		Download
			Unlock
iLO Default Credentials	La Factory Settings		Lock
Enter default ILO passwords	DNS, NTP, http and https proxy settings		
··· Pending	Pending		

Figure 5. Actions menu

From the Actions menu, you can perform the following functions.

- Delete: Select Delete to delete a CID.
- Clone: Select Clone to copy all the details of an existing CID to a new CID. All details except the following details are copied.
- These details must be entered manually in the cloned CID form.
 - HPE Sales Order Number
 - HPE Sales Quote Number
 - Guidance ID
- Upload: You can upload or attach files to a CID. This option is useful to add supporting documents to a CID. In each CID, you can upload up to 10 files that are a total size of 10 MB. The following file formats are acceptable.
 - Image files with JPEG, JPG, and PNG extensions (file_name.jpeg, file_name.jpg, and file_name.png)
 - Text files (file_name.txt)
 - Portable document format (file_name.pdf)
 - Microsoft Word files with doc and docx extensions (file_name.doc and file_name.docx)
 - Microsoft Excel files with xls and xlsx extensions (file_name.xls and file_name.xlsx)
 - Microsoft Visio files with vsd extension (file_name.vsd and file_name.vsdx)
 - JSON files (file_name.json)
 - YAML files (file_name.yml)
- Activity Log: The Activity Log window displays the activity progress tracking of the CID.
- Downloads: Select Downloads to download the output files and uploaded files.

Creating a new CID

To create a new CID, follow these steps:

- 1. Log in to HPE Smart CID with your credentials.
- 2. Select Enterprise Solutions from the main CID types page as shown in Figure 2. The CID listing page appears.
- 3. Click Create CID.



4. Select offering from the List of drop down.

88	HPE Smart CID		HPE Smart CID Create CID			
#	CIDs		Step 1 of 3		C	reate CID +
	Status	CID Number			Submit Date / Last Modified	Date
	Pre-Sales Locked	GL-623212756-4364-001			2024-11-19 13:31:46.0	
	Active	GL-595300798-4354-001	Solort Groopi also Offering		2024-11-19 08:29:36.0	
	Active	GL-593082905-4353-001	LIPE Count of the Pod List Count for Pod		2024-11-19 06:55:25.0	
	Factory Locked	GL-642108417-4348-001	HPE GreenLake for Red Har OpenSnitt Container Platform	ged	2024-11-07 06:07:27.0	
	Active	GL-294768902-4347-001	HPE GreenLake for VMware Cloud Foundation: managed for you	U	2024-11-07 04:13:32.0	
	Pre-Sales Locked	GL-321653848-4345-001	The GreenLake for VMware Cloud Foundation: customet managed	ged	2024-11-06 12:22:23.0	
	Factory Locked	GL-062870461-4329-001			2024-11-04 14:38:49.0	
	Factory Locked	GL-023923824-4298-001		u	2024-10-24 16:20:15.0	
0	Factory Locked	GL-312317884-4284-001		ged	2024-10-22 12:17:44.0	
	Factory Locked	GL-471830301-4282-001		u	2024-10-22 05:20:02.0	
۵	Factory Locked	GL-827224545-4279-001			2024-10-21 09:38:38.0	
	Factory Locked	GL-232942829-4278-001			2024-10-21 09:28:22.0	
B	Factory Locked	GL-358729374-4276-001		ged	2024-10-21 06:44:49.0	
	Eastony Lockod	CI 074570730 4370 004	Next: Workspace Details Cancel	n:	2024 10 19 13 57 01 0 Rows per page 25 ✓ 1 - 25	of 67 ⊲ ⊅

Figure 6. Select HPE GreenLake for VMware Cloud Foundation solution list drop down

- 5. Select HPE GreenLake for VMware Cloud Foundation: customer managed
- 6. Select the version number from the **Version** drop-down list.
- 7. Select Custom CID under Option.
- 8. Click **Create**. This initiates the CID process. HPE Smart CID generates a unique tracking ID for every new CID. The status of this new CID is now **Active**.

88	HPE Smart CIE	Creat	e CID	? 8
	CIDs	Step 1 of 3 Cloud Service		Create CID +
		Cloud Service* HPE GreenLake for VMware Cloud Foundatik ~]	
		VMware Cloud Foundation Version*		
		5.2		
Ū		5.1.1		
₿				
B			Next: Workspace Details Cancel	per page 25 💙 1 - 25 of 493 🔄 🖗

Figure 7. Creating a new CID

Note

HPE Smart CID generates a unique ID for every CID that is created.

• Click Next: Workspace Details

User will view the below page with changes



88	н	PE Smart CID	Create CID	ulids.	? ሕ
٤	CIDs		Step 2 of 3 Workspace Details		Create CID +
	Status	CID Number			Submit Date / Last Modified ^
	Factory Locked	GL-517335180-5087-001	Workspace ID 12345	nanaged for	2024-09-24 10:24:37.0
	Pre-Sales Locked	GL-856270581-4454-001	Workspace Name	r Platform	2024-07-17 09:23:27.0
	Factory Locked	GL-532943070-4453-001	TEST2	r Platform	2024-07-17 09:21:02.0
	Pre-Sales Locked	GL-548195777-4360-001		r Platform	2024-06-27 10:01:51.0
	Pre-Sales Locked	GL-121850170-4356-001		r Platform	2024-06-27 09:58:05.0
0	Pre-Sales Locked	GL-245254921-4044-001		r Platform	2024-04-24 06:57:57.0
A	Pre-Sales Locked	GL-598634156-4043-001		r Platform	2024-04-24 06:53:51.0
	Pre-Sales Locked	GL-336862423-3970-001		r Platform	2024-04-03 09:39:24.0
	Pre-Sales Locked	GL-659780295-3969-001	Prev: Cloud Service Next: UCID Details Cancel	r Platform	2024-04-03 09:35:03.0

Figure 8. Work Space Details

• Click Next: UCID details

- 88		IPE Smart CID	Create CID	ulds.	? &
1	CIDs	(D. Norther	Step 3 of 3 UCID Details		Create CID + Submit Date / Last Modified
	Factory Locked	GL-517335180-5087-001	UCID is a unique identifier allocated by <u>HIPL UNE CONTRACTOR (CCA)</u> for every order.Please ensure to enter a valid submitted UCID for importing the configurations successfully. Minimum one UCID is required for creating the CID. SmartCID also supports creating a CID using multiple UCID's. The placement of rack will be done as per the sequence of UCID's. Please make sure that you arrange the UCID's in the right order. The	nanaged for	Date 2024-09-24 10:24:37.0
	Pre-Sales Locked	GL-856270581-4454-001	rack name/order can be updated in the cid also.	r Platform	2024-07-17 09:23:27.0
	Factory Locked	GL-532943070-4453-001	Add	r Platform	2024-07-17 09:21:02.0
	Pre-Sales Locked	GL-548195777-4360-001		r Platform	2024-06-27 10:01:51.0
	Pre-Sales Locked	GL-121850170-4356-001		r Platform	2024-06-27 09:58:05.0
0	Pre-Sales Locked	GL-245254921-4044-001		r Platform	2024-04-24 06:57:57.0
A	Pre-Sales Locked	GL-598634156-4043-001		r Platform	2024-04-24 06:53:51.0
	Pre-Sales Locked	GL-336862423-3970-001		r Platform	2024-04-03 09:39:24.0
9	Pre-Sales Locked	GL-659780295-3969-001	Pre: Workspace Details Create Cancel	r Platform Rows	2024-04-03 09:35:03.0 ↓ per page 25 ↓ 1 - 25 of 37 ↓ ↓

Figure 9. UCID details

• Enter the **UCID** details





Figure 10. UCID details entered

- Specify the UCID number in the UCID field. .
- Click Add. The UCID is added to the list. You can add multiple UCIDs.
- Click **Create**. This initiates the CID process. HPE Smart CID generates a unique tracking ID for every new Tenant CID. The created CID is suffixed with version number starting from 001. The status of this new Tenant CID is now **Active**.

Dashboard - HPE GreenLake for VMware Cloud Foundation: customer managed

The dashboard is divided into the following sections:

- Order & customer info
- Base configuration
- HPE Integration site



Order & Customer Info Base Configuration HPE Integration Site HPE Order Details Customer Details Fill customer and installation site details Fill customer and HPE contacts Fill customer Network,Time and Upilidetails	tate <u>Active</u>	Version 5.2	Last up	dated 19/11/2024, 12:26:51
Price Price	Order & Customer Info	Base 0	Configuration	HPE Integration Site
	낮 HPE Order Details Fill order number, SFDC opportunity ID	Customer Details Fill customer and installation site details	Collaborators Fill customer and HPE contacts	Customer Site Fill Customer Network,Time and Uplink details
Comparied	Completed	Completed	Completed	Completed

Figure 11. Dashboard - HPE GreenLake for VMware Cloud Foundation: customer managed

The following sections describe each of these in detail.

HPE Order Details

In the **General** form, you can view or edit the following details:

- HPE Order details
- Customer details
- Collaborators
- Customer Site

BB HPE Smart CID	Please use 'SmartCID Production S	erver' for all valid Integration and Production ter	nant builds. ? A
< CIDs GL-642108417-4348-001		Expert	View Service Definitions Actions ~
State <u>Active</u>	Version 5.2	Last upo	lated 20/11/2024, 10:01:43
Order & Customer Info	Base (Configuration	HPE Integration Site
뷰 HPE Order Details Fill order number, SFDC opportunity ID	Customer Details	Collaborators Fill customer and HPE contacts	PR Customer Site Fill Customer Network,Time and Uplink details
Completed	Completed	Completed	Completed
٥			
A			
9			

Figure 12. order & customer information

HPE Order Details

This form allows you to enter the following details:

• Progress



- UCID
- HPE Sales Order Number
- SFDC Opportunity ID

Customer Details

This form allows you to enter the following details:

- Progress
- Address Type
- Address
- Zip code
- Country

Collaborators

This form allows you to enter the following details:

- Name
- Role
- Phone Number
- Email ID
- Availability

Customer Site

- Network
- Time
- Uplink

Base configuration

This tab displays the following forms that allow you to specify the network and infrastructure components:

- Networks
- HostName Prefix
- Infrastructure
- Infrastructure Management
- Solution Network Settings

Note

These forms contain the default values, and you must edit the values, only if required.



	EA	pert view
Version 5.2	Last	updated 19/11/2024, 12:26:51
	Base Configuration	HPE Integration Site
HostName Prefix Enter Host Name prefix	Infrastructure	C Infrastructure Management Fill management services
Completed	Completed	Completed
	Version 5.2	Version 5.2 Last Base Configuration HostName Prefix Enter Host Name prefix Or completed Completed Completed Completed

Figure 13. Base Configuration

Networks

In this form, you can view or update the details of Ethernet Networks, iSCSI Networks, and SAN Networks:

- Ethernet Networks
 - Network Name
 - VLAN ID
 - Preferred Bandwidth Gbps
 - Max Bandwidth Gbps
 - Network Mask
 - Subnet ID
 - Gateway IP address
 - IP Address Pools: Start Address and End Address.

Note

VLAN IDs are reserved for Aruba Switches.

• SAN Networks: Network Name and Fabric Type. The fields in SAN Networks are non-editable.

Note

SAN Networks is visible when the UCID imported from OCA has the information related to HPE Alletra.

HostName Prefix

This form allows you to enter the Host Name Prefix. All the host names for this CID will be updated with this host name prefix.

Note

With the VMWare vSphere Metro Storage Cluster option, unique host names are auto-populated in primary and secondary CIDs.

Infrastructure

This form displays the following tabs:

• Servers: This displays the rack sections with Component ID, Type, Role, Rack Elevation Start, Rack Elevation End, and Instance Type.



88		IPE Smart CID						? ക
1P	< GL-216054750 Infrastructur	5-4248-001 'e						Need Help?
	⊘ Servers (Network Switches	O PDUs					
	Rack 1						^	Î
	O Please note Rack Serve	e that only control plane ers	nodes are editable	Click on control planes server	rs to edit the details.		Reset Update	
	Progress	Component ID	Туре	Role	Rack Elevation Start	Rack Elevation End	Instance Type	
	\oslash	server-004	DL380	Workload1	5	6	S3I.N102d	
0	\odot	server-005	DL380	Workload1	7	8	S3I.N102d	
۵	\odot	server-006	DL380	Workload1	9	10	S3I.N102d	
	\odot	server-007	DL380	Workload1	11	12	S3I.N102d	
6	\odot	server-008	DL380	Workload2	14	15	S3I.N102d	
	\bigcirc	server-009	DL380	Workload2	16	17	S3I.N102d	-

Figure 14. Server Rack

- Click the Control Plane server to view or update the following tabs:
 - General: Host Name and ILO Host Name
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address

Note

- Duplicate values are not allowed in Rack elevation start.
- Details of the Control Plane server is editable.
- If the imported UCID has Chassis servers, then they are populated inside the Chassis.
- Component IDs for Control Plane nodes (servers) are assigned starting from server-001 to server-003.
- Network Switches: This displays the rack sections with Progress ,Component ID, Type, Host Name, Management IP, Rack Elevation Start, Rack Elevation End, and Password. You can also view or update the following tabs:
 - General: Role and Host Name
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address

Note

- HPE Aruba 6300M switches in a rack will have the same host name, access credentials, and network connections. Therefore, updating one 6300M switch will update all HPE Aruba 6300M switches in the rack.
- For HPE Aruba 6300, the default rack elevation is populated with standard default values. Therefore, the user must modify the default values populated in the HPE Smart CID UI to desired U locations for Aruba switches and proceed.
- The role of HPE Aruba 8325 is now mentioned as compute and not spine. Therefore, the user must manually modify the role to spine for the required Aruba switches under infrastructure > racks > networkSwitches > role in the base-configuration.json output file.
- In multi-rack configurations, the role of HPE Aruba 8325 is updated to Spine.
- **PDUs**: This displays the rack sections with Type, Host Name, Management IP, Admin Username, and Admin Password. You can view or update the following tabs:
 - **General**: Type and Host Name
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address

Note



- Two PDUs of the same model are termed Daisy-chained PDUs. If the rack has four PDUs, then the first pair (1 & 2 PDU) is primary and the next pair (3 & 4 PDU) is considered as secondary.
- If Rack has only two PDUs of the same model, then it is not a daisy chain. Each PDU will be primary and have a unique IP address.
- A pair of PDUs have the same IP address, host names, and password.

User can view tabs of Progress, component ID, Type, Rack Elevation start, Rack Elevation End and Max Protected Capacity,

Note

User cant update or make changes to General ,Access credentials and Network Connection

Note

Enclosure Drive Storage capacity is not getting added to HPE Alletra Storage Capacity. Therefore, the user must manually add the additional enclosure drive storage capacity under **storage Arrays > expansion Shelves > maxProtectedCapacityTB** in the Infra-layout.json output file.

Infrastructure Management

This form contains the following tabs:

- Leaf Spine RPI : This displays the Network ID, Network Mask, Actions(s). You can view or update the following tabs:
 - Aruba Fabric Composer: This displays the following sections:
 - General: VM Name, ASN Prefix, VNI Base, Mac Lower, and Mac Upper
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address
 - Leaf Spine Overlay: You can view or update the following section
 - Network Connections: Network ID, Network Mask, Spin Leaf ASN, Action(s)

Note

Starting from the current IP address used for the Out of Band Management (OOBM) Network in the GL Metal DCC tab, three consecutive IP addresses will be reserved for GL Metal DCC. These IP addresses cannot be duplicated.

Solution Network Settings

This form displays the following tabs:

- **SNMP**: In this tab, you can view or update the following:
 - Target IP Address
 - Target Port
 - SNMP Email Contact
 - SNMP Security Name
 - SNMP Read Community String
 - Location
 - Username
 - Group name
 - Security level
 - Authentication Type
 - Authentication PassPhrase
 - Encryption Type
 - Encryption PassPhrase



Locking a Tenant CID

Locking a Tenant CID is the stage where all the information about the customer including, customer requirements, system configuration, and settings is finalized. At this stage, the CID is locked for editing and HPE Smart CID does not allow changes to the customer information, configuration, and other settings.

After all the system and configuration details are entered, the CID is ready for locking. If the information is incomplete, then the **Lock** option is not enabled under the **Actions**. menu. You must enter all the missing information to proceed further and lock the CID.

When you create a new Tenant CID, HPE Smart CID generates a unique tracking ID for every new Tenant CID. The initial status of this new Tenant CID is **Active**.

HPE Smart CID supports two levels of locking a CID.

- 1. Pre-Sales Locked
- 2. Factory Locked

Pre-Sales Locked

Users with pre-sales access can lock a CID after entering all the system and configuration details.

To lock a CID:

1. Select Lock from the Actions menu. The Lock Confirmation window appears.

181	< CIDs		Expert View	v Service Definitions Actions V
	GL-642108417-4348-001 State <u>Active</u>	Version 5.2	Last updated	19/11/2024, 12:26:51
	Order & Customer Info			
	HPE Order Details Fill order number, SFDC opportunity ID	Customer D Fill customer OK OK Cancel	contacts	Customer Site Fill Customer Network,Time and Uplink details
0				
۵				
Ø				
9				

Figure 15. Lock Confirmation window for Pre-Sales Locked

2. Click OK. The status of the CID changes from Active to Pre-Sales Locked. All the tabs are now read-only.

	< CIDs		Expert	/lew 🚺 Service Definitions Actions 🗸
10	GL-642108417-4348-001			
	State PreSales Locked	Version 5.2	Last upda	ated 20/11/2024, 06:32:39
	Order & Customer Info	Base	Configuration	HPE Integration Site
	HPE Order Details Fill order number, SFDC opportunity ID	Customer Details Fill customer and installation site details	Collaborators Fill customer and HPE contacts	Customer Site Fill Customer Network,Time and Uplink details
0 8 5 7	Completed	Completed	Completed	Completed

Figure 16. Pre-Sales Locked



3. After the CID is pre-sales locked, the configuration details are successfully uploaded to GitHub. The status of the CID is set to **Pre-Sales Submitted**.

State PreSales Submitted		Version 5.2	Last up	Last updated 20/11/2024, 06:32:39		
	Order & Customer Info	Base d	Configuration	HPE Integration Site		
ঢ় HPE Order Fill order nu	Details imber, SFDC opportunity ID	Customer Details	Collaborators Fill customer and HPE contacts	探 Customer Site Fill Customer Network,Time and Upli details		
Completed	1	Completed	Completed	Completed		

Figure 17. Pre-Sales Submitted

Factory Locked

Users with factory access can view the HPE Integration Site tab on the dashboard and edit the details of the following forms.

- ILO Default Credentials: This form provides the ILO default credentials (Username and Password) and allows you to update the password.
- Factory Settings: This form allows you to view or update the following tabs:
 - DNS
 - NTP
 - Proxy
 - Others
 - Installation System IP
 - Cohesive VM IP



Figure 18. HPE Integration site



Note

Users with factory access can turn on the Expert View to view the Order & Customer Info, Base Configuration, and Control Plane tabs. These tabs are read-only, and users cannot edit these tabs.

Users with factory access can lock the CID after entering the details in the HPE Integration Site tab.

To lock a CID:

1. Select Lock from the Actions menu. The Lock Confirmation window appears.

	< CIDs		Expert View Service Definitions Actions V
	GL-642108417-4348-001		
	State <u>Active</u>	Version 5.2	Last updated 20/11/2024, 06:38:00
		HPE Integration Site	
©	HPE Order Details Fill order number, SFDC opportunity ID	Example: Construction Fill custome Complete Comp	ov contacts Compared Site

Figure 19. Lock Confirmation window for Factory Locked

2. Click **OK**. The status of the CID is set to **Factory Locked**.

		⊘	
order & obstomer mo	Dased		
[HPE Order Details	Customer Details	Collaborators	Customer Site
Fill order number, SFDC opportunity ID	Fill customer and installation site details	Fill customer and HPE contacts	Fill Customer Network, Time and Uplink details
Completed	Completed	Completed	Completed

Figure 20. Factory Locked

3. After the CID is factory locked, the details in the **iLO Default Credentials** and **Factory Settings** forms are successfully uploaded to GitHub. The status of the CID is now set to **Factory Submitted**. You can view the updated details in the base-configuration.json output file.



A. Extens Submitted	Mandan E.C.	1	
re raciony submitted	version 5.2	Last upu	area 20/11/2024, 06:42:13
Order & Customer Info	Base (Configuration	HPE Integration Site
뷰 HPE Order Detalls Fill order number, SFDC opportunity ID	Customer Detalls	Collaborators Fill customer and HPE contacts	Customer Site Fill Customer Network,Time and Uplink details
Completed	Completed	Completed	Completed

Figure 21. Factory Submitted

Downloading output files

After locking the CID, you can download the output files.

To download the output files:

- 1. Select **Downloads** from the **Actions** menu.
- 2. Upload the public key to encrypt.



Figure 22. Download

3. Click the **Download** icon.

Note

user can view baseline location in Infra layout json file.



Service Definitions

A set of requirements or user inputs are required to facilitate the automated deployment of HPE GreenLake for Vmware Cloud Foundation customer managed & HPE GreenLake for Vmware Cloud Foundation customer managed for you. This allows you to enter the service configuration details for the solution.

Note

Service Definitions do not support Replication.

You can fill in the Service definitions after entering all the details in Order & Customer Info, Base Configuration, and Control Plane tabs.

itate Factory Locked	Version 5.1.1	Last up	dated 24/09/2024, 04:40:06
Order & Customer Info	Base Configuration	Control Plane	HPE Integration Site
다. HPE Order Details Fill order number, SFDC opportunity ID	Customer Details	Collaborators Fill customer and HPE contacts	R Customer Site Fill Customer Network,Time and Uplini details
Completed	Completed	Completed	Completed

Figure 23. Service Definitions screen

You can add the following services.

- HPE GreenLake for VMware Cloud Foundation: customer managed
- HPE GreenLake for VMware Cloud Foundation: managed for you.

Add HPE GreenLake for VMware Cloud Foundation: customer managed

1. Click Service Definitions available in the top right corner of the dashboard as shown. The Service Definitions page appears.

HPE Smart CID	? ക
< GL-022571319-1662-001	
Service Definitions	Add Service

Figure 24. Service Definitions - Add Service

- 2. Click Add Service. The Add Service window appears.
- 3. Select Vmware Cloud Foundation customer managed.
- 4. Click Create. Virtual Machines is added as a service.





HPE Smart CID	? ह
< GL-642108417-4348-001	
Service Definitions	
HPE GreenLake for VMware Cloud	
Foundation: customer managed	
Service Definitions	
Completed	

Figure 25. Virtual Machines as a service form

5. Click the HPE GreenLake for Vmware Cloud Foundation : customer managed o view the tabs as shown in the following figure

HPE Sma	art CID				?	2 6
< \$ervice Definitions HPE GreenLake for VM	Iware Cloud Foundation: custor	ner managed		,	ctions	~
State <u>Active</u>	Base Line 5.2		Last updated 2024-11-19 12:26:12			
Service Groups	✓ Infra Groups					
Name	Description	Host Count	Storage Capacity (GB)			
servicegrp1	GreenLake for VCF Service Group	0	0			

Figure 26. Virtual Machines - Tabs

- Service Groups: This displays the Name, Description, Host Count, and Storage Capacity GB. You can view or update the details in the following tabs:
- Infra Groups: This displays the Name, Description, Management, and Allotted Service Group. You can view or update the details in the following forms.
 - General: Name, Description, and Host Count
 - vSphere Clusters : Configure vSphere Clusters
 - **Clusters**: Name, Principal Storage, and Profile.
 - General : Configure vSphere Clusters.
 - **General** : Name, Instance Type, vSphere HA Enabled, DRS Enabled, VSANESA, Profile, Principal Storage, Network Pool Name, Reuse Network.



- Port Groups : Name, Type, and Action(s),
 - **Servers** : Component ID, Type, Host Name, ILO Host Name.
 - General : Host Name, ILOS Host Name.
 - Access Credentials: Credentials for, User Name, Password, Actions(s).
 - **Network Connections**: Network Name, Purpose, IP address, Actions(s).
 - o Networks : Ethernet networks : Network Name, VLANID, Network Mask, Subnet ID, Gateway IP Address, Actions(s),
- o Data Stores : Name, Dedup, Actions
- Edge Clusters: Edge Cluster, BGP Peers, Application Networks.
 - **Edge cluster**: Auto system ID, Cluster name, Tier 0 Router Name, Tier 1 Router Name
- o BGP peers : Autonomous System ID, Neighbour password, Top IP Address, Action(s),
- Application virtual Networks : Logical Segment, Type, Action(s).
- NSX-T
 - NSX-T VMs: This displays the name of NSX-T VM, Appliance Name, Host name, Cluster VIP Host name, Cluster VIP
- **Configurations**: User will view General, Virtual Machines, and Vcenter tab.
 - General: Virtual Machine Name, Type, Host Name, and Version.
 - Virtual Machines: user will view Component ID, Type, Name
 - General: Virtual Machine name, Type, Host Name.
 - Access Credentials: Credentials For, User Name, and Password
 - Network Connections: Network Name, Purpose, IP Address, Action(s).
 - Vcenter : user will view SSO Domain name, Data Center name.

Note : User can view the similar options for Service Definition for HPE GreenLake for Vmware Cloud Foundation customer managed for you.

HPE GreenLake for VMware Cloud Foundation: managed for you

Creating a new CID

To create a new CID, follow these steps:

- 1. Log in to HPE Smart CID with your credentials.
- 2. Select Enterprise Solutions from the main CID types page as shown in Figure 2. The CID listing page appears.
- 3. Click Create CID.
- 4. Select offering from the List of drop down.

HPE Smart CII	Create CID		?	
CIDs	Step 1 of 3 Cloud Service	ŀ	Create CID	+
	Cloud Service* Select GreenLake Offering			
	HPE GreenLake for Red Hat OpenShift Container Platform HPE GreenLake for VMware Cloud Foundation: managed for you			
	HPE GreenLake for VMware Cloud Foundation: customer managed			
	Next: Workspace Details Cancel	per page 25 🗸 1-25	of 493 🔄	⊳

Figure 27. Select HPE GreenLake for VMware Cloud Foundation managed for you

- 5. Select HPE GreenLake for VMware Cloud Foundation: managed for you
- 6. Select the version number from the Version drop-down list.
- 7. Select Custom CID under Option.
- 8. Click **Create**. This initiates the CID process. HPE Smart CID generates a unique tracking ID for every new CID. The status of this new CID is now **Active**.

88	HPE Smart CIE	Create CID	?	പ്പ
18	CIDs	Step 1 of 3 Cloud Service	Create CI	D +
		Cloud Service* HPE GreenLake for VMware Cloud Foundatk v		
		VMware Cloud Foundation Version* 5.2		
		5.2		
©		J.A.L		
₿				
B				
9		Next: Workspace Details Cancel	per page 25 🗸 1 - 25 of 493	⊲ ⊳

Figure 28. Creating a new CID



Note

HPE Smart CID generates a unique ID for every CID that is created.

• Click Next: Workspace Details

User will view the below page with changes

88	н	PE Smart CID	Create CID	uilds.	? ക
(CIDs		Step 2 of 3 Workspace Details		Create CID +
	Status	CID Number			Submit Date / Last Modified
	Factory Locked	GL-517335180-5087-001	Workspace ID 12345	nanaged for	2024-09-24 10:24:37.0
	Pre-Sales Locked	GL-856270581-4454-001	Workspace Name	r Platform	2024-07-17 09:23:27.0
	Factory Locked	GL-532943070-4453-001	TEST2	r Platform	2024-07-17 09:21:02.0
	Pre-Sales Locked	GL-548195777-4360-001		r Platform	2024-06-27 10:01:51.0
	Pre-Sales Locked	GL-121850170-4356-001		r Platform	2024-06-27 09:58:05:0
0	Pre-Sales Locked	GL-245254921-4044-001		r Platform	2024-04-24 06:57:57.0
A	Pre-Sales Locked	GL-598634156-4043-001		r Platform	2024-04-24 06:53:51.0
	Pre-Sales Locked	GL-336862423-3970-001		r Platform	2024-04-03 09:39:24.0
9	Pre-Sales Locked	GL-659780295-3969-001	Prev: Cloud Service Next: UCID Details Cancel	r Platform Rows p	2024-04-03 09:35:03.0 •• per page 25 ♀ 1 - 25 of 37 ⊲ ▷

Figure 29. Work Space Details

• Click Next: UCID details

-88		IPE Smart CID	Create CID	ullds.	? ക
ie.	CIDs Status	CID Number	Step 3 of 3 UCID Details UCID is a unique identifier allocated by <u>HPE One Config Advanced</u> (OCA) for every order.Please ensure to enter a valid submitted UCID for		Create CID + Submit Date / Last Modified
	Factory Locked	GL-517335180-5087-001	Importing the configurations successfully. Minimum one UCID is required for creating the CID. SmartCID also supports creating a CID using multiple UCID's. The placement of rack will be done as per the sequence of UCID's. Please make sure that you arrange the UCID's in the right order. The	nanaged for	2024-09-24 10:24:37.0
	Pre-Sales Locked	GL-856270581-4454-001	rack name/order can be updated in the cid also.	r Platform	2024-07-17 09:23:27.0
	Factory Locked	GL-532943070-4453-001	Add	r Platform	2024-07-17 09:21:02.0
	Pre-Sales Locked	GL-548195777-4360-001		r Platform	2024-06-27 10:01:51.0
	Pre-Sales Locked	GL-121850170-4356-001		r Platform	2024-06-27 09:58:05.0
0	Pre-Sales Locked	GL-245254921-4044-001		r Platform	2024-04-24 06:57:57.0
А	Pre-Sales Locked	GL-598634156-4043-001		r Platform	2024-04-24 06:53:51.0
	Pre-Sales Locked	GL-336862423-3970-001		r Platform	2024-04-03 09:39:24.0
B	Pre-Sales Locked	GL-659780295-3969-001	Pre: Workspace Details Create Cancel	r Platform Rows	2024-04-03 09:35:03.0

Figure 30. UCID details

• Enter the UCID details





Figure 31. UCID details entered

- Specify the UCID number in the UCID field. UCID can contain a Bare Metal workload, VM workload, or both.
- Click Add. The UCID is added to the list. You can add multiple UCIDs.
- Click **Create**. This initiates the CID process. HPE Smart CID generates a unique tracking ID for every new Tenant CID. The created CID is suffixed with version number starting from 001. The status of this new Tenant CID is now **Active**.

Dashboard - HPE GreenLake for VMware Cloud Foundation: managed for you

For Crating CID ,user need to follow the above steps of Creating a new CID .

User after creating UCID and click on created UCID from the listing as shown below.

88	HP	E Smart CID				? ሕ
æ	CIDs		Search for Smart CIE)	Q	Create CID +
	Status	CID Number	Tenant ID	Site ID/ Deployment ID	GreenLake Offerings	Submit Date / Last Modified Date
	Factory Locked	GL-062870461-4329-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-11-04 14:38:49.0
	Factory Locked	GL-023923824-4298-00	1		HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-24 16:20:15.0
	Factory Locked	GL-256248295-4287-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-23 05:26:05.0
	Factory Locked	GL-312317884-4284-00	1		HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-22 12:17:44.0
	Factory Locked	GL-471830301-4282-00	1		HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-22 05:20:02.0
	Factory Locked	GL-827224545-4279-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 09:38:38.0
	Factory Locked	GL-232942829-4278-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 09:28:22.0
	Factory Locked	GL-358729374-4276-00	1		HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-21 06:44:49.0
0	Factory Locked	GL-755084826-4275-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-21 05:57:14.0
	Factory Locked	GL-971578729-4270-00	1		HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-18 13:57:01.0
8	Pre-Sales Locked	GL-132309514-4263-00	1		HPE GreenLake for Red Hat OpenShift Container Platform	2024-10-18 10:43:53.0
_	Pre-Sales Locked	GL-216054756-4248-00	1		HPE GreenLake for VMware Cloud Foundation: customer managed	2024-10-17 13:29:38.0
5	Pre-Sales Locked	GL-917383063-4247-00	1		HPE GreenLake for VMware Cloud Foundation: managed for you	2024-10-17 13:08:59.0
9	Eactory Locked	CI 207/11/0/ 1210 00	1		LIDE Groonliako for VMwaro Cloud Equindation: managod for you	Rows per page 25 ♥ 1-25 of 64 < ▷

Figure 32. CID listing Page

The dashboard is divided into the following sections:

- Order & Customer Info
- Base Configuration



Order & Customer Info Order & Configuration HPE Integration Site HPE Order Details Customer Details Customer Details Fill order number, SFDC opportunity ID Fill customer and installation site details Fill customer and HPE contacts Fill Customer Network, details	
HPE Order Details Customer Details Collaborators Recustomer Stee Fill order number, SFDC opportunity ID Fill customer and installation site details Fill customer and HPE contacts Fill Customer Network, details	te
	,Time and Uplin
Completed Completed Completed	

Figure 33. Dashboard - HPE GreenLake for VMware Cloud Foundation: managed for you

The following sections describe each of these in detail.

HPE Order Details

In the **General** form, you can view or edit the following details:

- HPE Order details
- Customer details
- Collaborators
- Customer Site

late <u>Factory Locked</u>	Version 5.1.1	Last up	dated 18/10/2024, 14:16:52
Order & Customer Info	Base Configuration	Control Plane	HPE Integration Site
'닫 HPE Order Details	හි Customer Details	₿ Collaborators	祭 Customer Site
Fill order number, SFDC opportunity ID	Fill customer and installation site details	FIII customer and HPE contacts	Fill Customer Network, Time and Uplink details
Completed	Completed	Completed	Completed

Figure 34. General

HPE Order Details

This form allows you to enter the following details:

• Progress



Page 29

- UCID
- HPE Sales Order Number
- SFDC Opportunity ID

Customer Details

This form allows you to enter the following details:

- Progress
- Address Type
- Address
- Zip code
- Country

Collaborators

This form allows you to enter the following details:

- Name
- Role
- Phone Number
- Email ID
- Availability

Customer Site

- Network
- Time
- Uplink

Base configuration

This tab displays the following forms that allow you to specify the network and infrastructure components:

- Networks
- HostName Prefix
- Infrastructure
- Infrastructure Management
- Solution Network Settings

Note

These forms contain the default values, and you must edit the values, only if required.



Expert View C Service Definitions A				
State Factory Locked	Version 5.1.1	Last u	pdated 18/10/2024, 14:16:52	
Order & Customer Info	Base Configuration	Control Plane	HPE Integration Site	
t∲ Networks Define networks	HostName Prefix Enter Host Name prefix	Infrastructure	दृ Infrastructure Management Fill management services	
Completed	Completed	Completed	Completed	
Es Solution Network Settings View Solution DNS, NTP, Proxy. Fill SNMP details.				

Figure 35. Base Configuration tab

Networks

In this form, you can view or update the details of Ethernet Networks, iSCSI Networks, and SAN Networks:

- Ethernet Networks
- Network Name
 - VLAN ID
 - Preferred Bandwidth Gbps
 - Max Bandwidth Gbps
 - Network Mask
 - Subnet ID
 - Gateway IP address
 - IP Address Pools: Start Address and End Address.

Note

VLAN IDs are reserved for Aruba Switches.

• HostName Prefix

This form allows you to enter the Host Name Prefix. All the host names for this CID will be updated with this host name prefix.

Note

With the VMWare vSphere Metro Storage Cluster option, unique host names are auto-populated in primary and secondary CIDs.

Infrastructure

This form displays the following tabs:

• Servers: This displays the rack sections with Component ID, Type, Role, Rack Elevation Start, Rack Elevation End, and Instance Type.



88		IPE Smart CID						? പ
I .	 GL-971578725 Infrastructure Servers (9-4270-001 e • Network Switches	✓ PDUs					<u>Need Help?</u>
	Rack Serve	ers					Reset Update	*
	Progress	Component ID	Туре	Role	Rack Elevation Start	Rack Elevation End	Instance Type	
	\odot	server-001	DL325	controlPlane	35	35	A500	
	\odot	server-004	DL380	Workload1	5	6	S3I.N51vd	
	\odot	server-005	DL380	Workload1	7	8	S3I.N51vd	
G	\odot	server-006	DL380	Workload1	9	10	S3I.N51vd	
-	\odot	server-007	DL380	Workload1	11	12	S3I.N51vd	
۵	\odot	server-008	DL325	Workload2	13	14	S3au.N12d	
Ð	\odot	server-009	DL325	Workload2	16	17	S3au.N12d	
Ø	\odot	server-010	DL325	Workload2	18	19	S3au.N12d	•
Fig	ure 36. Mu	ultiple Server	racks					

Note

- Duplicate values are not allowed in Rack elevation start.
- Details of the Control Plane server is editable.
- If the imported UCID has Chassis servers, then they are populated inside the Chassis.
- Component IDs for Control Plane nodes (servers) are assigned starting from server-001 to server-003.
- Network Switches: This displays the rack sections with Progress ,Component ID, Type, Host Name, Management IP, Rack Elevation Start, Rack Elevation End, and Password. You can also view or update the following tabs:
 - General: Role and Host Name
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address.

Note

- HPE Aruba 6300M switches in a rack will have the same host name, access credentials, and network connections. Therefore, updating one 6300M switch will update all HPE Aruba 6300M switches in the rack.
- For HPE Aruba 6300, the default rack elevation is populated with standard default values. Therefore, the user must modify the default values populated in the HPE Smart CID UI to desired U locations for Aruba switches and proceed.
- The role of HPE Aruba 8325 is now mentioned as compute and not spine. Therefore, the user must manually modify the role to spine for the required Aruba switches under infrastructure > racks > networkSwitches > role in the base-configuration.json output file.
- In multi-rack configurations, the role of HPE Aruba 8325 is updated to Spine.
- **PDUs**: This displays the rack sections with Type, Host Name, Management IP, Admin Username, and Admin Password. You can view or update the following tabs:
 - General: Type and Host Name
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address.



Note

- Two PDUs of the same model are termed Daisy-chained PDUs. If the rack has four PDUs, then the first pair (1 & 2 PDU) is primary and the next pair (3 & 4 PDU) is considered as secondary.
- If Rack has only two PDUs of the same model, then it is not a daisy chain. Each PDU will be primary and have a unique IP address.
- A pair of PDUs have the same IP address, host names, and password.

Note

User cant update or make changes to General ,Access credentials and Network Connection

Note

Enclosure Drive Storage capacity is not getting added to HPE Alletra Storage Capacity. Therefore, the user must manually add the additional enclosure drive storage capacity under **storageArrays > expansionShelves > maxProtectedCapacityTB** in the Infra-layout.json output file.

Infrastructure Management

This form contains the following tabs:

- Management Services: This displays the Component ID, VM Name, and Host Name. You can view or update the following tabs:
 General: VM Name, Type, and HostName
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address
- **Aruba Fabric Composer**: This displays the following sections:
 - General: VM Name, ASN Prefix, VNI Base, Mac Lower, and Mac Upper
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address
- **Leaf Spine RPI**: You can view or update the following sections:
 - Network ID : IP Address
 - **Network Mask**: IP Address
- Leaf Spine Overlay : user will list of details for below columns
 - Network ID:
 - Network Mask:
 - Spine Leaf ASN:
 - Action(s)

Note

Starting from the current IP address used for the Out of Band Management (OOBM) Network in the GL Metal DCC tab, three consecutive IP addresses will be reserved for GL Metal DCC. These IP addresses cannot be duplicated.

Solution Network Settings

This form displays the following tabs:

- SNMP: In this tab, you can view or update the following:
 - Target IP Address
 - Target Port
 - SNMP Email Contact
 - SNMP Security Name
 - SNMP Read Community String
 - Location



- Username
- Group name
- Security level
- Authentication Type
- Authentication PassPhrase
- Encryption Type
- Encryption PassPhrase

Note

DNS, NTP, and Proxy tabs are non-editable and given only for reference purposes. Users can only edit the SNMP tab.

Control Plane

This tab displays the Infrastructure Management form that allows you to specify the control plane attributes:

HPE Smart CID				? 8
< CIDs GL-971578729-4270-001		Expert View	w Service Definitions	Actions \checkmark
State Factory Locked	Version 5.1.1	Last updated	18/10/2024, 14:16:52	
Order & Customer Info	Base Configuration	Contral Plane	HPE Integration	
Es Infrastructure Management Fill management services				
Completed				

Figure 37. Control Plane

Infrastructure Management

This form has the following tabs.

- Management Services: This displays the Component ID, VM Name, and Host Name. You can view or update the following tabs:
 - General: Host Name, VM Name, and VM Type
 - Access Credentials: User Name, Credentials For, and Password
 - Network Connections: Network Name, Purpose, and IP Address
- Host Services: You can view or update the DHCP and NTP settings.
- **PF Sense**: You can view or update the following tabs **Component ID,VM name, Host name.**

Select one of the Virtual machines and user will view:

- General : Role,VM Name, Type, Host Name
- Access Credentials : Credentials for, User Name, Password
- Network Connections : Network name, Purpose, IP Address, Action(s)

Note

Unique IP addresses are auto-populated.



Locking a Tenant CID

Locking a Tenant CID is the stage where all the information about the customer including, customer requirements, system configuration, and settings is finalized. At this stage, the CID is locked for editing and HPE Smart CID does not allow changes to the customer information, configuration, and other settings.

After all the system and configuration details are entered, the CID is ready for locking. If the information is incomplete, then the **Lock** option is not enabled under the **Actions**. menu. You must enter all the missing information to proceed further and lock the CID.

When you create a new Tenant CID, HPE Smart CID generates a unique tracking ID for every new Tenant CID. The initial status of this new Tenant CID is **Active**.

HPE Smart CID supports two levels of locking a CID.

- 3. Pre-Sales Locked
- 4. Factory Locked

Pre-Sales Locked

Users with pre-sales access can lock a Tenant CID after entering all the system and configuration details.

To lock a CID:

4. Select Lock from the Actions menu. The Lock Confirmation window appears.

	< CIDs		Expert View Service Definitions Actions V
	GL-294768902-4347-001		
	State <u>Active</u>	Version 5.2	Last updated 20/11/2024, 07:09:09
		HPE Integration Site	
	ILO Default Credentials Enter default ILO passwords	ELCAC Confirmation Factory Set DNS, NTP, h editing of the CID. Learn More	
	Completed	Cancel	
Ø			
8			
ø			
8			

Figure 38. Lock Confirmation window for Pre-Sales Locked

5. Click OK. The status of the CID changes from Active to Pre-Sales Locked. All the tabs are now read-only.

State Dre-Sales Locked	Version 5.2	Last und	lated 17/10/2024 13:17:46
Order & Customer Info	Base Configuration	Control Plane	HPE Integration Site
ঢ় HPE Order Details Fill order number, SFDC opportunity ID	문 Customer Details Fill customer and installation site details	Collaborators Fill customer and HPE contacts	Customer Site Fill Customer Network,Time and Uplink details
Completed	Completed	Completed	Completed

Figure 39. Pre-Sales Locked

6. After the CID is pre-sales locked, the configuration details are successfully uploaded to GitHub. The status of the CID is set to **Pre-Sales Submitted**.



Figure 40. Pre-Sales Submitted

Factory Locked

Users with factory access can view the HPE Integration Site tab on the dashboard and edit the details of the following forms.

- ILO Default Credentials: This form provides the ILO default credentials (Username and Password) and allows you to update the password.
- Factory Settings: This form allows you to view or update the following tabs:
 - DNS
 - NTP
 - Proxy
 - Others
 - Installation system IP
 - Cohesive VM IP



Figure 41. HPE Integration Site tab



Note

Users with factory access can turn on the Expert View to view the Order & Customer Info, Base Configuration, and Control Plane tabs. These tabs are read-only, and users cannot edit these tabs.

Users with factory access can lock the CID after entering the details in the HPE Integration Site tab.

To lock a CID:

4. Select Lock from the Actions menu. The Lock Confirmation window appears.

ciDs L-051034265-1868-001	Expert View Service Definitions A	tions 🔨
state <u>Pre-Sales Submitted</u> Site renant ID HPCtesting Lar	t updated 24/04/2023. 13:24:34 Lock Confirmation Are you sure you want to lock the CID? It will not allow	
ILO Default Credentials	Cancel	
Enter default iLO passwords	DNS, NTP, http and https proxy settings	
Completed	Completed	

Figure 42. Lock Confirmation window for Factory Locked

5. Click **OK**. The status of the CID is set to **Factory Locked**.

CIDs				Expert View	Service Definitions	Actions	~
GL-05103	4265-1868-00	1					
State Fenant ID	Eactory Locked HPCtesting	Site ID Last updated	hpc 24/04/2023, 13:26:45				
			HPE Integration S	lite			
ILO Det	fault Credentials efault iLO passwo	rds	Eg Factory Settings DNS, NTP, http and https proxy				
Com	pleted		Completed				

Figure 43. Factory Locked

6. After the CID is factory locked, the details in the **iLO Default Credentials** and **Factory Settings** forms are successfully uploaded to GitHub. The status of the CID is now set to **Factory Submitted**. You can view the updated details in the base-configuration.json output file.



itate Factory Submitted	Version 5.1.1	Last upo	dated 24/09/2024, 04:40:06
Order & Customer Info	Base Configuration	Control Plane	HPE Integration Site
뎢 HPE Order Details Fill order number, SFDC opportunity ID	Customer Details Fill customer and installation site details	Collaborators Fill customer and HPE contacts	R Customer Site Fill Customer Network,Time and Uplin details
Completed	Completed	Completed	Completed

Figure 44. Factory Submitted

Downloading output files

After locking the CID, you can download the output files.

To download the output files:

- 4. Select **Downloads** from the **Actions** menu.
- 5. Upload the public key to encrypt.



Figure 45. Downloads window

6. Click the **Download** icon.

Note

user can view baseline location in Infra layout json file.



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HPE Smart CID Support

We welcome your feedback. HPE Smart CID is committed to providing you with help and support that meets your needs. You can reach us in one of the following ways:

- Email support
- HPE Smart CID Resource Center

Email support

For critical issues that need immediate attention, send an e-mail to <u>smart-cid@hpe.com</u>. Our support personnel will contact you and help you resolve the issue.

HPE Smart CID documentation

HPE is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to <u>pdl_smartcid_ind_all@hpe.com</u>. Include the document title and version number when submitting your feedback.

Related documentation

The documentation set for this release is available on the HPE Smart CID website. In addition to this document, you can find related documents and training material on the website: <u>https://smartcid.itcs.hpe.com/Training/#docs</u>.

Resources and additional links

VCF on HPE ProLiant DL Servers Documentation Log in to the HPE Support Center as an HPE Employee to view the internal documents.

HPE GreenLake Advisory and Professional Services hpe.com/us/en/services/consulting.html

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