



Moonshot Shared Rack User Guide

User Home Page

Differentiate
different chassis
status by colors

Users

Admin

Manager

Moonshot Shared Rack

Status

Reserved Available Alert Failure

Refresh User Guide

Chassis Name	Component	Count
Connie-Empty	ProLiant m300 Server Cartridge	10
Jack-VPScott1	ProLiant m300 Server Cartridge	45
	HP Moonshot-65FP Uplink Module	2
Paulie-VPScott1	ProLiant m300 Server Cartridge	19
	HP Moonshot-45G Switch Module	1
Lucy-Scott4	HP-ProLiant m350 4x64GB ISSD MEZZ FIO	45
	HP Moonshot-4QSFP Uplink Modul	2
Barzini-VPScott1	ProLiant m300 Server Cartridge	23
	m700 iSSD Mezzan	9
	HP-ProLiant m350 4x64GB ISSD MEZZ FIO	13
	HP Moonshot-180G Switch Module	2
Vito-VPGlenn4	m700 iSSD Mezzan	45
	HP Moonshot-4QSFP Uplink Modul	2
Bruno-Scott4	HP-ProLiant m350 4x64GB ISSD MEZZ FIO	45
	HP Moonshot-4QSFP Uplink Modul	1

Slots: 1-4,14-18,32-45

Mix & Match**Cartridge
m700**

Manage Home Page

Manage the whole bundle
chassis IP information

Manage admin account
information

Moonshot Shared Rack - Management

Management Home

Message Management

<input type="checkbox"/>	CHASSIS	TYPE	E MAIL	MESSAGE
<input type="checkbox"/>	Connie-Empty	Request	trhtr	gsduhfoewu

Remove Selected

Chassis Management

```
16.91.23.49:Administrator:password
16.91.22.188:Administrator:password
16.91.22.224:Administrator:password
16.91.23.47:Administrator:password
16.91.22.177:Administrator:password
16.91.22.187:Administrator:password
16.91.23.50:Administrator:password
16.91.23.48:Administrator:password
16.91.22.0:Administrator:password
16.91.22.201:Administrator:password
```

Save

Admin Account Management

NAME	PASSWORD	E MAIL	SELECT
Ian	ianchou19	ian.chou@hp.com	<input type="checkbox"/>
admin	sharerack	admin1@hp.com	<input type="checkbox"/>
Brett	biretppassword	brett.sisemore@hp.com	<input type="checkbox"/>

Remove Selected

Add New Admin:

User Name Password Email

Add

Detail Information Page

Individual
refresh chassis
iLO information

Users

Admin

Manager

The chassis & cartridge &
switch & node component
and firmware information

Record each
chassis event log

Moonshot Shared Rack - Management

Shared Rack Info

[Chassis](#) Refresh

COMPONENT INFO	
CHASSIS NAME	Jack-VPScott1
CHASSIS MANAGER IP	16.91.22.177
ASSET TAG	Jack-VPScott1
PRODUCT ID	700350-B21
PRODUCT NAME	HP Moonshot 1500 Chassis
SERIAL NUMBER	CN63020F57
UUID	F30101DC-2
CARTRIDGES	45

COMPONENT FIRMWARE	
HP MOONSHOT 1500 CHASSIS FIRMWARE	
HP MOONSHOT 1500 CHASSIS FIRMWARE FRONT DISPLAY PROGRAMMABLE LOGIC DEVICE	4.4.0
HP MOONSHOT 1500 CHASSIS FIRMWARE PROGRAMMABLE LOGIC DEVICE	05
USER	0B
ILO CHASSIS MANAGEMENT FIRMWARE	
ILO CHASSIS MANAGEMENT MODULE PROGRAMMABLE LOGIC DEVICE	1.30 Oct 14 2014

Event Log

Submit

Chassis (Connie-Empty)
Chassis (Jack-VPScott1)
Chassis (Paulie-VPScott1)
Chassis (Lucy-Scott4)
Cartridge 1
Cartridge 2
Cartridge 3
Cartridge 4
Node 1
Cartridge 5
Cartridge 6
Cartridge 7
Cartridge 8
Cartridge 9
Cartridge 10
Cartridge 11
Cartridge 12
Cartridge 13
Cartridge 14
Cartridge 15
Cartridge 16
Cartridge 17
Cartridge 18
Cartridge 19
Cartridge 20
Cartridge 21
Cartridge 22
Cartridge 23
Cartridge 24
Cartridge 25
Cartridge 26
Cartridge 27
Cartridge 28
Cartridge 29
Cartridge 30
Cartridge 31
Cartridge 32
Cartridge 33
Cartridge 34
Cartridge 35
Cartridge 36
Cartridge 37
Cartridge 38
Cartridge 39
Cartridge 40
Cartridge 41
Cartridge 42
Cartridge 43
Cartridge 44
Cartridge 45
Switch A
Switch B

Reservation Timeline

Varieties of shifting method to modify the chassis reservation

Users

Admin

Graphical reservation display with timeline

Schedule Management

Below you will find the usage schedule for the shared rack. Here are some quick instructions on how to use it.

- Scroll or click-and-drag the scroll button at the bottom center of the schedule window to view all of the schedule.
- Click on a scheduled item to view more information about it, edit it, or delete it.
- Click on an empty slot in the schedule to add an item starting on that date.
- Shift creates a gap in the schedule between and including the specified dates.
- All actions on this page will produce an email alert to the group contact upon successful completion of the action.
- All requested usages will end at 12:01pm CST of their last scheduled day.

Shift Schedule

Chassis
Select a chassis...

From
12/03/2014

To
01/31/2015

Shift

Cancel

Shift

Confirm reservation request by admin

Shared Rack Chassis Scheduling Requests

CHASSIS	PROJECT	TEAM	EMAIL	FROM	TO	SPECIAL INSTRUCTIONS	SELECT
Connie-Empty	Project3	CSI-Mphasis-Moonshot	test3@com	12/20/2014	04/16/2015	test3	<input type="checkbox"/>
Vito-VPGlenn4	Project5	HW team	test2@com	12/21/2014	02/26/2015	test	<input type="checkbox"/>
Paulie-VPScott1	Project5	CMU QA	test@com	12/23/2014	01/09/2015	test	<input type="checkbox"/>

Accept

Reject

Create Item

Select type of the item
you want to add/edit

Confirm the
add/edit/delete
request for project
& team by user

Moonshot Shared Rack - Management

Create Item

Select Item Type :

Add / Edit Chassis

Add / Edit Project

Add / Edit Team

Confirm New Project Requests :

REQUEST FORM	PROJECT NAME	BEGIN DATE	END DATE	SELECT
Delete Project	Project6	Jan-01-2013	Dec-30-2015	<input type="checkbox"/>
Delete Project	Project10	Jan-01-2013	Dec-30-2015	<input type="checkbox"/>
Add New Project	project11	Dec-02-2014	Feb-25-2015	<input type="checkbox"/>
Add New Project	project12	Dec-04-2014	Apr-25-2015	<input type="checkbox"/>
Edit Old Project	Original: Project3 (New: New project3)	Original: Jan-01-2013 (New: Jan-16-2013)	Dec-30-2015	<input type="checkbox"/>
Edit Old Project	Original: Project6 (New: New project6)	Jan-01-2013	Original: Dec-30-2015 (New: Jun-25-2016)	<input type="checkbox"/>

Accept

Reject

Confirm New Team Requests :

REQUEST FORM	TEAM	SELECT
Delete Team	ETD	<input type="checkbox"/>
Delete Team	HW team	<input type="checkbox"/>
Add New Team	team1	<input type="checkbox"/>
Add New Team	team2	<input type="checkbox"/>
Edit Old Team	Original: Cirrus Alpha (New: New Cirrus Alpha)	<input type="checkbox"/>
Edit Old Team	Original: CSI (New: New CSI)	<input type="checkbox"/>

Accept

Reject

Create Item - Chassis

Select the current chassis you want to edit/delete



Add new chassis by providing existing IP



Add / Edit Chassis

Return

Edit Current Chassis:

Select Chassis ▼

Select

Add New Chassis:

iLO IP User Name Password Deployed Date

Add

Edit/delete chassis



Chassis Name	iLO IP	User Name	Password	Deployed Date	Save / Remove	
Jack-VPScott1	16.91.22.177	Administrator	password	01/01/2013	Save	Remove

Create Item - Project

Select the current project you want to edit/delete

Add / Edit Project

Return

Edit Current Projects:

Select Project ▼

Select

Add New Project:

Project Name Begin Date End Date

Add

Add new project by providing project name / begin & End Date

Edit/delete project

Project Name	Begin Date	End Date	Save / Remove	
<input type="text" value="Project3"/>	<input type="text" value="01/01/2013"/>	<input type="text" value="12/30/2015"/>	Save	Remove

Create Item - Team

Select the current team you want to edit/delete

Add new team by providing team name

Edit/delete team

Add / Edit Team

[Return](#)

Edit Current Teams:

Select Team [Select](#)

Add New Team:

Team Name [Add](#)

Team Name	Save / Delete	
CMU QA	Save	Remove

Report View (Chassis, Project & Team)

Moonshot Shared Rack - Management

Generate Report

Select Report type :

Chassis Utilization



Chassis view

Project Utilization



Project view

Team Utilization



Team view

Status Change

Equipment Failure

Chassis Utilization Report

Select chassis with
multiple choice

Select display type for
breaking down the detail

Select time interval
you want to see

Chassis Utilization Report

[Return](#)

Select Chassis: (Required)

Select Chassis
Connie-Empty
Jack-VPScott1
Paulie-VPScott1

(Multiple choice)

Select Detail Display Form: (Optional)

☐ Quarterly ☐ Monthly

(Multiple choice)

Select Time Interval: (Optional)

Select Begin Date

Select End Date

(If leaving blank, system will automatically calculate from chassis deploy date till end date)

Generate Report

Chassis Utilization Report – Chassis Overview

Chassis Overview

Chassis Name	Deployment Begin Date	Deployment End Date	Chassis Reserved Times	Chassis Reserved Days	Chassis Utilization	Chassis Utilization Among All Chassis
Connie-Empty	Jan-13-2014	Dec-18-2015	6	57	5%	2%
Jack-VPScott1	Mar-21-2013	Aug-25-2015	11	318	29%	11%
Paulie-VPScott1	Jun-03-2013	Oct-09-2015	7	276	25%	10%

**(Chassis being reserved days during total time) / (Chassis
deployed days during total time)**

**(Each Chassis being reserved days) / (All Chassis being
reserved days in this testing environment)**

Chassis Utilization Report – Chassis Quarterly View

Chassis Detail											
Quarterly View Of Chassis (= Each Month Reserved Days / Each Month deployed Days)											
Chassis Name	2013			2014				2015			
Connie-Empty	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	0%	0%	0%	0%	0%	0%	24%	0%	0%	0%	0%
Jack-VPScott1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	0%	0%	0%	0%	0%	0%	23%	0%	0%	0%	0%
Paulie-VPScott1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	0%	0%	0%	0%	0%	0%	13%	0%	0%	0%	0%

(Chassis being reserved days during each quarter) / (Chassis deployed Days during each quarter)

Project Utilization Report

Select project with
multiple choice

Project Utilization Report

Return

Select Project: (Required)

Select Project

Project1

Project2

Project3

(Multiple choice)

Select Time Interval: (Optional)

Select Begin Date

Select End Date

(If leaving blank, system will automatically calculate from project begin date till end date)

Generate Report

Project Utilization Report – Overview

Project Utilization Overview

Project Name	Project Begin Date	Project End Date	Chassis Reserved Amount	Chassis Reserved Days	Chassis Utilization (= Chassis Utilization Among All Chassis)	
Project1	Jan-01-2013	Dec-30-2015	19	220	20%	8%
Project2	Jan-01-2013	Dec-30-2015	19	242	22%	9%
Project3	Jan-01-2013	Dec-30-2015	19	272	25%	10%
Project4	Jan-01-2013	Dec-30-2015	19	246	23%	9%
Project5	Jan-01-2013	Dec-30-2015	19	180	16%	6%
Project6	Jan-01-2013	Dec-30-2015	19	652	60%	23%
Project7	Jan-01-2013	Dec-30-2015	19	196	18%	7%

(All Chassis being reserved days by project) / (Project life cycle days)

(All Chassis being reserved days by project) / (All Chassis being reserved days by all projects)

Project Utilization Report – Detail

Project Utilization Detail				
Project Name	Reserved Chassis Under Project	Chassis Reserved Times	Chassis Reserved Days	Utilization Distribution (%)
Project1	Sonny-MVBB1	1	5	2%
	Carlo-VPScott1	3	26	12%
	Michael-VPGlenn4	4	47	21%
	Tom-VPScott1	2	16	7%
	Connie-VP-B1	1	3	1%
	Lucy-Scott4	3	25	11%
	Bruno-Scott4	1	7	3%
	Fredo-Scott4	1	5	2%
	Jack-VPScott1	1	12	5%
	Luca-McDivitt	1	65	30%
	Sonny-B1MVB	1	9	4%

(Each chassis being reserved days by certain project) / (All chassis being reserved days by certain project)

Team Utilization Report

Select team with
multiple choice



Team Utilization Report

[Return](#)

Select Team: (Required)

Select Team
Canonical
Cirrus Alpha
Cluster Test

(Multiple choice)

Select Time Interval: (Optional)

Select Begin Date

Select End Date

(If leaving blank, system will automatically calculate from team begin date till end date)

Generate Report

Team Utilization Report – Overview

Team Utilization Overview			
Team Name	Chassis Reserved Amount	Chassis Reserved Days	Chassis Utilization Among All Chassis (
Canonical	1	22	1%
Cirrus Alpha	6	50	2%
Cluster Test	5	60	2%
CMU	4	64	2%
CMU QA	23	253	9%
CMU Team	2	9	0%
CMU-QA	4	60	2%
CSI	56	844	30%
Mphasis-Moons	2	57	2%
DLab	6	73	3%
ETD	3	17	1%
HP SUM	3	22	1%
P/Baidu Joint La	1	4	0%
HW team	11	35	1%
iLO CM	3	16	1%
iLO CM Dev	1	7	0%
iLO Dev	11	21	1%
iLO QA	20		
Maintenance	2		
MSE	7		
ROM QA	14		
Solutions - Big Da	3		
Solutions - CASS	2	116	4%

(All Chassis being reserved days by team) / (All Chassis being reserved days by all teams)

Team Utilization Report – Detail

Team Utilization Detail

Team Name	Reserved Chassis Under Team	Chassis Reserved Times	Chassis Reserved Days	Utilization Distribution
CMU QA	Moe-SPScott1	1	5	2%
	Bruno-Scott4	5	46	18%
	Lucy-Scott4	5	46	18%
	Fredo-Scott4	1	5	2%
	Vito-VPGlenn4	2	30	12%
	Michael-VPGlenn4	5	64	25%
	Jack-VPScott1	4	57	23%

(Each chassis being reserved days by certain team) / (All chassis being reserved days by certain team)

Report View (Chassis, Project & Team)

Moonshot Shared Rack - Management

Generate Report

Select Report type :

Chassis Utilization

Project Utilization

Team Utilization

Status Change

Equipment Failure

**Inventory status
report**

Failure report

Inventory Status Report

**Generate the inventory
status report**



**Display the inventory
change messages for
admin to check**



Inventory Status Report

Return

Select Time Interval: (Optional)

Select Begin DateSelect End Date

(If leaving blank, system will automatically calculate from Shared Rack deploy date till today)

Generate Report

The Latest Inventory Status: (Last update: 2014-12-11)

☐ 1. Chassis: Vito-VPGlenn4 was removed
☐ 2. Chassis: Bruno-Scott4 was removed

Acknowledge Change

Inventory Status Report

Admin

Current Inventory Status			Latest Inventory Status Acknowledged By Admin		
(update on 2014-12-17 13:05:28)			(update on 2014-12-17 13:05:28)		
Chassis Name			Chassis Name	Alert	
Barzini-VPScott1			Barzini-VPScott1		
Connie-Empty			Bruno-Scott4	remove	
Jack-VPScott1			Connie-Empty		
Lucy-Scott4			Jack-VPScott1		
Paulie-VPScott1			Lucy-Scott4		
			Paulie-VPScott1		
			Vito-VPGlenn4	remove	

Check the whole
current chassis in the
test environment

Check the last time status
and show the missing
chassis between last time
and now

Record the whole missing
chassis events during the
time interval

Inventory Changing Status Record			
Date	Chassis Name	Status Message	
2014-12-17	Vito-VPGlenn4	Chassis was being removed	
2014-12-17	Bruno-Scott4	Chassis was being removed	

Failure Report

Generate the inventory
failure report



Display the current
failure messages for
chassis/cartridge/switch



Inventory Failure Report

[Return](#)

Select Time Interval: (Optional)

(If leaving blank, system will automatically calculate from Shared Rack deploy date till today)

[Generate Report](#)

The Latest Failure Status:

1. Chassis: Connie-Empty has issue
2. Chassis: Jack-VPScott1 has issue
3. Cartridge: CN63470EDS has issue
4. Cartridge: CN63520DE6 has issue
5. Cartridge: CN63520DDX has issue
6. Cartridge: CN63470EDB has issue
7. Cartridge: CN63470E9B has issue
8. Switch: N/A has issue
9. Switch: N/A has issue
10. Switch: 7C5314007P has issue

Failure Report

Chassis Failure Status Record			Switch Failure Status Record				Cartridge Failure Status Record			
Date	Chassis Name	Failure Message	Date	Switch Serial Number	Belong To	Failure Message	Date	Cartridge Serial Number	Belong To	Failure Message
2014-12-17	Jack-VPScott1	Failure	2014-12-17	N/A	Barzini-VPScott	Failure	2014-12-17	CN63520DE6	Connie-Empty	Failure
			2014-12-17	7C5314007P	Jack-VPScott1	Failure	2014-12-17	CN63520DDX	Connie-Empty	Failure
							2014-12-17	CN63470EDB	Connie-Empty	Failure
							2014-12-17	CN63470E9B	Connie-Empty	Failure

Record the whole failure events messages for chassis/cartridge/switch during the time interval you choose

Automatic Flashing Firmware (Future Work)

Automatic detect the idle chassis firmware and update to the latest version



Firmware Management

Chassis	Cartridge	Switch
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Could not open files!