Nimble HF40 System Setting		
	Address IP	
Management settings	Primary	172.16.1.60
	Secondary	172.16.1.61

System information
Array Name
Group Name
Password

Notification
SMTP Server
Sender domain
Sender Name
Port
Email address

Date & Time
NTP Server

Diagnostic IP
Address IP CTRL A
Address IP CTRL B

Volume
NAME
SiZE
Performance policy
LUN

s Tunis

Mask	Gateway	DNS
255.255.255.0		

TUNIMBLE01
APO-NIMBLE

mail.apo.local
apo.local
TUNIMBLE01
25
TUNIMBLE01@apo.com.tn

TUMWPUTIL01

172.16.1.62
172.16.1.63

VOL0001-VOL0010
4T
Vmware ESX 5
LUN0001-LUN0010

Nimble HF40 System Settings Sfax

	Address IP		Mask
Management settings	Primary	172.17.1.60	255.255.255.0
	Secondary	172.17.1.61	

System information	
Array Name	
Group Name	
Password	

Notification	
SMTP Server	
Sender domain	
Sender Name	
Port	
Email address	HI

Date & Time	
NTP Server	

Diagnostic IP	
Address IP CTRL A	
Address IP CTRL B	

Volume	
NAME	
SiZE	
Performance policy	
LUN	

Gateway	DNS

#

mail.apo.local
apo.local
HDNIMBLE01
25
DNIMBLE01@apo.com.tn

HDMWPUTIL01

172.17.1.62
172.17.1.63

VOL0001-VOL0010
4T
Vmware ESX 5
LUN0001-LUN0010

Storeonce 3660 Tunis	

	Address IP		Mask
Management settings	Management Console	172.16.1.64	255.255.255.0
	ILO	172.16.1.65	255.255.255.0

System information	
Array Name	
Password	

Notification	
SMTP Server	
Sender domain	
Sender Name	
Port	
Email address	TUST

Date & Time	
NTP Server	

Catalyst Store	
Name	
Taille	

Gateway	DNS

Management settings

TUSTOREONCE01

mail.apo.local
apo.local
TUSTOREONCE01
25
TOREONCE01@apo.com.tn

TUMWPUTIL01

Storeonce 3660 Sfax				

Address IP		Mask	Gateway	DNS
Management Consol	172.17.1.64	255.255.255.0		
ILO	172.17.1.65	255.255.255.0		

System information	
Array Name	HDSTOREONCE01
Password	

Notification	
SMTP Server	mail.apo.local
Sender domain	apo.local
Sender Name	**HDSTOREONCE01**
Port	**25**
Email address	akrem.chabchoub@apo.com.tn

Date & Time	
NTP Server	TUMWPUTIL01

Catalyst Store	
Name	
Taille	

	Addres
Management settings	Management Console

Name
Administrator Password

SMTP Server
Sender domain
Sender Name
Port
Email address

NTP Server

MSL 2040 Tunis

s IP	Mask	Gateway	DNS
172.16.1.66	255.255.255.0		

System information	
	TUMSL01

Notification	
	mail.apo.local
	apo.local
	TUMSL01
	25
	TUMSL01@apo.com.tn

Date & Time	
	TUMWPUTIL01

MSL 2040 SFAX

	Address IP		Mask
Management settings	**Management Console**	172.17.1.66	255.255.255.0

System information	
Name	
Administrator Password	

Notification	
SMTP Server	
Sender domain	
Sender Name	
Port	
Email address	

Date & Time	
NTP Server	

Gateway	DNS

HDMSL01
Connect*123

mail.apo.local
apo.local
HDMSL01
25
HDMSL01@apo.com.tn

TUMWPUTIL01

Tuni		
	Address IP	
Management settings	Management Console	172.16.1.67

Syste
Name
Password

D
NTP Server

Tuni		
	Address IP	
Management settings	Management Console	172.16.1.68

Syste
Name
Password

D
NTP Server

is Switch SAN 1

Mask	Gateway	DNS
255.255.255.0		

em information

TUNSRVSUN01-1

ate & Time

TUMWPUTIL01

is Switch SAN 2

Mask	Gateway	DNS
255.255.255.0		

em information

TUNSRVSUN01-2

ate & Time

TUMWPUTIL01

Sfax Switch SAN 1			
	Address IP		**Mask**
Management settings	**Management Console**	172.17.1.67	255.255.255.0

System information	
Name	
Password	

Date & Time	
NTP Server	

Sfax Switch SAN 2			
	Address IP		**Mask**
Management settings	**Management Console**	172.17.1.68	255.255.255.0

System information	
Name	
Password	

Date & Time	
NTP Server	

Gateway	DNS
172.17.1.1	

HDSRVSUN01-1
Connect*123

TUMWPUTIL01

Gateway	DNS

HDSRVSUN01-2
Connect*123

TUMWPUTIL01

	ILO	MGMT Os	
TUNESXI01	172.17.1.81	172.17.1.73	
TUNESXI02	172.17.1.82	172.17.1.74	
Vcenter		172.17.1.75	10.72.8.75
veeam		172.17.1.76	10.72.9.199
hypervoracle	172.17.1.80	172.17.1.77	
TUNESXI02	172.17.1.82	172.17.1.79	
tumwpmgmt01		172.17.1.101	
ilo composer1	iloadm	172.17.1.102	
ilo composer2	iloadm	172.17.1.103	
Proxyhyperv02			10.72.9.64

Frames Layout

This tab is used to describe the Synergy **Frames Layout** to be deployed.
If any Visio or PowerPoint is available, you can also provide them along with this questionr
Note that **Frame Name** information is copied from the Rack Layout tab, so please ensure

Frame Layout Factory Default:

Frame #1

Frame #1 Name:	HDSYNERGY-SFAX

Appliance Bay Number	Appliance Type
A1	804353-B21 - HPE Synergy Composer
A2	804353-B21 - HPE Synergy Composer

Device Bay Number	Node Type
1	871599-B21 - HPE OEM SY 480 Gen10 CTO Cmpt Mdl
2	871599-B21 - HPE OEM SY 480 Gen10 CTO Cmpt Mdl
3	871599-B21 - HPE OEM SY 480 Gen10 CTO Cmpt Mdl
4	871599-B21 - HPE OEM SY 480 Gen10 CTO Cmpt Mdl
5	
6	
7	
8	
9	
10	
11	
12	

ıaire, which is just a simplified way to convey intent.
it's filled properly.

Yes/No ?	*Beware that if Factory Default is selected, table below wi*

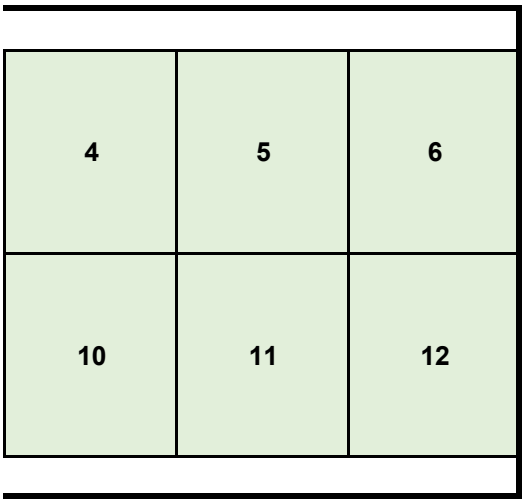
Appliance Name
HDRVCOMP01
HDRVCOMP02

Node Name
HDVMPESXI01
HDVMPESXI02
HDVMPESXI03
ORACLE

Front View

A1	**1**	**2**	**3**
A2	**7**	**8**	**9**

ll be fully ignored, factory will perform layout based on Synergy defined rules.



Interconnect Bay Number	Interconnect Type
ICM1	
ICM2	
ICM3	HPE Synergy 100Gb F32 Switch Module
ICM4	
ICM5	
ICM6	HPE Synergy 100Gb F32 Switch Module

Frame Link Module Bay	Frame Link Type
FLM1	804942-B21 - HPE Synergy Frame Link Module
FLM2	804942-B21 - HPE Synergy Frame Link Module

LIG

LIG name	LIG-VC100GB
Internal networks	
LIG type	Virtual Connect SE 100 GB F32 Modu
Asscociated uplinks	
ref. name	uplink set name
uplink set #1	MGMT _Uplink
uplink set #2	PROD-SRV-Uplink
uplink set #3	
uplink set #4	SAN__Uplink_A
uplink set #5	SAN__Uplink_B
uplink set #6	
uplink set #7	
uplink set #8	
ICM Layout	
Synergy Frame	ICM1
Frame 1	
Frame 2	
Frame 3	
Frame 4	
Frame 5	

Networks

The HPE Virtual Connect interconnects in enclosures support the follo
Ethernet for data networks, including tagged, untagged, or tunnel netw
Fibre Channel for storage networks using fabric-attach (SAN) Fibre Ch
Fibre Channel over Ethernet (FCoE) for storage networks where stora

Networks	
ref. name	name
network #1	Management
network #2	PROD-SRV
network #3	XXXXX
network #4	VMOTION A
network #5	VMOTION B
network #6	Storeonce-A
network #7	Storeonce-A
network #8	
network #9	
network #10	
network #11	

network #12	
network #13	
network #14	
network #15	
network #16	

Network sets

A network set is a collection of tagged Ethernet networks that form a n
server profile creation. Network sets are useful in virtual environments
connection needs to access multiple networks.

Item "`native VLAN ID`" should contain only one value - ID of VLAN v

Network sets

ref. name	name
network set #1	**Prod-SRV-APPS**
network set #2	
network set #3	
network set #4	
network set #5	
network set #6	
network set #7	
network set #8	
network set #9	
network set #10	
network set #11	
network set #12	
network set #13	
network set #14	
network set #15	
network set #16	

Enclosure Groups

An enclosure group is a logical resource that defines a standard config
The network connectivity for an enclosure group is defined by the logic

If IP Address source "`manual`" is selected you should specify `IPv4 a`

If IP Address source "Enclosure Group / IP pool" is selected you
Option "DHCP" does not require any of these parameters.

LIG layout section does not represent any info related to the ICM slo
Each Frame has only 3 columns for LIG names because this is the ma

Enclosure Group #1	
EG name	EG-
IPv4 assign. Method	
IPv4 pool ID	SY-MGMT
Image Streamer settings	
Deployment network type	
External Deployment network	
LIG layout	
Synergy Frame	LIG #1 name
Frame 1	LIG-
Frame 2	
Frame 3	
Frame 4	
Frame 5	
Manual IP addresses	
Device identification	IPv4 address
frame 1 compute node 1	
frame 1 compute node 2	
frame 1 compute node 3	
frame 1 compute node 4	
frame 1 compute node 5	
frame 1 compute node 6	
frame 1 compute node 7	
frame 1 compute node 8	
frame 1 compute node 9	
frame 1 compute node 10	
frame 1 compute node 11	
frame 1 compute node 12	
frame 1 ICM1	
frame 1 ICM2	
frame 1 ICM3	
frame 1 ICM4	
frame 1 ICM5	
frame 1 ICM6	

22 IP a reserver

Logical Enclosures

A logical enclosure represents a logical view of a single Frames with a
Member Frames value refers to "3_Frames Layout." Use comma sepa

Logical Enclosures

ref. name	LE name
logical enclosure #1	**LE-**
logical enclosure #2	
logical enclosure #3	
logical enclosure #4	
logical enclosure #5	
logical enclosure #6	
logical enclosure #7	
logical enclosure #8	

ule for synergy

type
Ethernet
Ethernet

Fibre Channel
Fibre Channel

ICM2

wing types of data center networks:
orks.
annel (FC) connections.
ge traffic is carried over a dedicated Ethernet V

type
Ethernet
Ethernet
Ethernet
Ethernet
Ethernet
Fibre Channel
Fibre Channel

amed group to simplify
where each server profile

which is transported as a native VLAN to / from

associated networks
Prod-SRV

guration for member logical enclosures.
cal interconnect groups associated with the enc

ddress, `netmask` and `Default gateway` for ea

ı should fill in `IPv4 pool ID` only only. This val

ɔtting. ICM slotting is maintained with `Logical`
aximum amount of LIGs which can be assigned

LIG #2 name
netmask

n enclosure group serving as a template.
arated list.

Enclosure Group name
EG-

uplink ports	associated networks
ICM3Q1.1 ICM6 Q1.1	
ICM3Q2.1 ICM6Q2.1	
ICM3Q5.1 ICM3Q6.1	
ICM6Q5.1 ICM6Q6.1	

ICM3	ICM4
Virtual Connect SE 100 GB F32 Module for synergy	

'LAN.

VLAN type	VLAN ID
Tagged	**XXXX**
Tagged	**XXXX**
Tagged	**XXXX**
	XXXX

the compute nodes.

native VLAN ID	Requested bandwidth

losure group.

ach device.

lue refers to tab 9.3_Addresses and Identifiers.

Interconnect Groups.
l to the single frame.

LIG #3 name
Default gateway

Member frames
1

native VLAN ID	

ICM5	ICM6
	Virtual Connect SE 100 GB F32 Module for synergy

Purpose	Associate with subnet ID	Requested bandwidth
General		
General		
General		
VM Migration		
VM Migration		

Synergy Composer Settings

This tab is used to provide Synergy **Composers** configuration information.
If **Simplified CID i**s selected, some Composer settings and IP ranges will
If **Full CID** is selected, only Composer settings will be requested there, oth

Composer settings
Composer Hostname
Composer IP Address
Maintenance IP address 1
Maintenance IP address 2
Subnet Mask
Gateway
Domain name
Primary DNS Server
Secondary DNS Server

Credentials
Administrator Password

Time settings
Synchronize with time server
Network time server 1
Network time server 2 (Optional)
Network time server 3 (Optional)
Network time server 4 (Optional)

Proxy settings
HTTPS proxy
Port
Authenticate?
Username
Password

.

be requested. Refer to the CID High Level Description section below for more details on configura
ıer settings should be filled as part of the other Full CID tabs.

*** All below cells in green are mandatory**

V

Customer Input	
HDSYNERGY01	**a declare au DNS**
172.17.1.70	
172.17.1.71	
172.17.1.72	
255.255.255.0	
APO.LOCAL	
10.100.1.21	
10.72.8.10	

Customer Input
XXXXXXXXXX

Customer Input
Yes
hdMWPUTIL01
HMWPUTIL01

Customer Input
Yes/No ?

tion based on Simplified CID settings.

Global authentication settings

Security is maintained through user authentication and role-based authorization. User accounts can where the user credentials are stored on the appliance, or they can be in a directory (Microsoft Activ where the appliance contacts the designated directory server to verify the user credentials.

Authentication settings	
Setting name	Customer's input
Allow local login	Yes/No ?
Default directory	
Service console access	Yes/No ?
Hardware setup access	Yes/No ?
Login message	
Require acknowledgment of login message	Yes/No ?

Additional local users

You can add a user authorized to access all resources managed by the appliance (full access user) or add a user who has access based on their job responsibilities (role-based specialist).

Local user #1	
Login name	?
Full name	?
Email	?
Office phone	?
Mobile phone	?
Initial password	?
Role	<select>
Specialized roles	
Role	Selected roles
Backup Administrator	Yes/No ?
Network Administrator	Yes/No ?
Server Administrator	Yes/No ?
Storage Administrator	Yes/No ?
Software Administrator	Yes/No ?

be local,
e Directory, for example) hosted elsewhere,

Synergy Composer Settings: Notifications

This tab is used to provide Synergy **Composer notification** information.

Please note that some tables contain item `"ref. name"`. Please do not fill these cells, they're there only for the refference or/and indexing.

SNMP settings
Setting name
Read community string

SNMP trap destinations
ref. name
trap destination #1
trap destination #2
trap destination #2

Email notification settings
Setting name
Sending email address
SMTP server
SMTP port
Password

Email notification filters
ref. name
notification filter #1
notification filter #2
notification filter #3
notification filter #4
notification filter #5
notification filter #6

Customer's input

Trap destination	Port	Community String

Customer's input
OneView_Admin@apo.com.tn
mail.apo.local
25

Name	Criteria	Scope	Email addresses

Synergy Composer Settings: Addresses and Identifiers

This tab is used to provide Addresses and Identifiers for the Composer configuration

Subnet size recommendations

Management subnet:

IPv4 subnet which will be used for the assignment of IPv4 Addresses for iLO boards, Interconnect m
For the reference you can use following calculation: Number of Compute Nodes + Number of Interco
Number of Compute Nodes + Number of Interconnect modules + 8 for Image Streamer pair

Image Streamer deployment subnet:

IPv4 subnet which will be used for the assignment of IPv4 Addresses for Image Streamer deploymer
For the reference you can use following calculation:
(Number of Compute Nodes * 2) + 8 for Image Streamer pair

IPv4 Subnets and Address Ranges

Each subnet can contain more ranges. Use this mechanism to create non continuous IPv4 pools.
Example: Subnet ID: `10.20.30.0/24` has two IPv4 ranges,
first IPv4 range starts with `10.20.30.1` and ends with `10.20.30.50`,
second IPv4 range starts with `10.20.30.100` and ends with `10.20.30.150`.
The result is Subnet 10.20.30.0/24 with 100 allocable IPv4 addresses.

IPv4 subnet #1		
Subnet ID		
Subnet Mask		
Gateway		
Domain name		
DNS server 1		
DNS server 2		
DNS server 3		
IPv4 ranges		
ref. name	Range name	First IPv4 address
IPv4 range #1	**range**	**172.17.1.80**
IPv4 range #2		
IPv4 range #3		
IPv4 range #4		

ıodules and Image Streamer management interfaces should contain sufficient amount of IP address
›nnect modules + 8 for Image Streamer pair

ıt network should contain sufficient amount of IP addresses.

Last IPv4 address
172.17.1.100

range des IP dans la page Logical_Enclosure

es.

Server profiles

Please note that some tables contain item "ref. name". Please do not fill these cells,
they're there only for the reference or/and indexing.

Server profiles

Legacy BIOS boot order: coma separated list with desired boot order. Possible
List should contain all these values in desired order.
Column "BIOS Settings set name" refers to the last table on this page: BIO

Server profiles

ref. name	Profile name
server profile #1	HDVMPESXI01
server profile #2	HDVMPESXI02
server profile #3	TUVMPESXI03
server profile #4	
server profile #5	
server profile #6	
server profile #7	
server profile #8	
server profile #9	
server profile #10	

Profile connections mapping

Port may contain "Auto" or port name in the following format: Mezzanine[mezz
Please note that columns are categorized to the following categories:

FC boot settings
iSCSI authentication
iSCSI boot target
iSCSI initiator
General settings

Profile connections mappings

ref. name	Profile name
server connection #1	
server connection #2	
server connection #3	

server connection #4	
server connection #5	
server connection #6	
server connection #7	
server connection #8	
server connection #9	
server connection #10	
server connection #11	
server connection #12	
server connection #13	
server connection #14	
server connection #15	
server connection #16	
server connection #17	
server connection #18	
server connection #19	
server connection #20	

Profile SAN storage mapping

Column "Volume name" refers to the table Volumes (Tab with the Storage setti

SAN mappings

ref. name	**Profile name**
SAN mapping #1	
SAN mapping #2	
SAN mapping #3	
SAN mapping #4	
SAN mapping #5	
SAN mapping #6	
SAN mapping #7	
SAN mapping #8	
SAN mapping #9	
SAN mapping #10	
SAN mapping #11	
SAN mapping #12	
SAN mapping #13	
SAN mapping #14	
SAN mapping #15	
SAN mapping #16	
SAN mapping #17	
SAN mapping #18	
SAN mapping #19	
SAN mapping #20	

BIOS Settings sets

Use the same "BIOS Settings set name" to group more BIOS settings to the sa
Example: Customer requested two BIOS settings, `Sriov: Enabled` and `Proch`

In this case you need to fill in two lines, "BIOS Settings set name" will be the sa
SettingsSet01. Then you just need to fill required `key:value` pair for each conf

BIOS Settings mapping

BIOS Settings set name	**key**

values are CD, USB, Hard disk and PXE.

S Settings mapping

Description	Server hardware (Frame, Bay)	Affinity
ESXI SERVEURS	Bay1	Device bay
ESXI SERVEURS	Bay2	Device bay
ESXI SERVEURS	Bay3	Device bay

slot]:[port number] (auto) or Mezzanine[mezz slot]:[port number]-[channel]

Connection name	Network / network set name	Port

ngs)

Host OS type	Volume name

me set.

yperthreading: Enabled.

ıme for both rows - for example
iguration entry.

value

Firmware	SPP Installation method	Manage boot mode?	Boot Mode
Service Pack for Proliant (SPP)	Firmware only	YES	UEFI
Service Pack for Proliant (SPP)	Firmware only	YES	UEFI
Service Pack for Proliant (SPP)	Firmware only	YES	UEFI

Requested bandwidth (Gb/s)	Boot	iSCSI initiator name	Initiator name

PXE boot policy (UEFI and UEFI	Manage Boot order?	UEFI primary boot device	Legacy BIOS boot order	Manage BIOS settings?
Auto	YES	Hard disk		NO
Auto	YES	Hard disk		NO
Auto	YES	Hard disk		NO

Initiator IPv4	Subnet mask	Gateway	Target name	Target LUN

BIOS Settings set name

Target IP address	Target port	Second IP ad	Second port	CHAP level	CHAP name	CHAP secret

mutual CHAP	mutual CHAP	Boot from	Target WWPN	Target LUN
