VAD

H/W INSTALLATIONS GUIDE

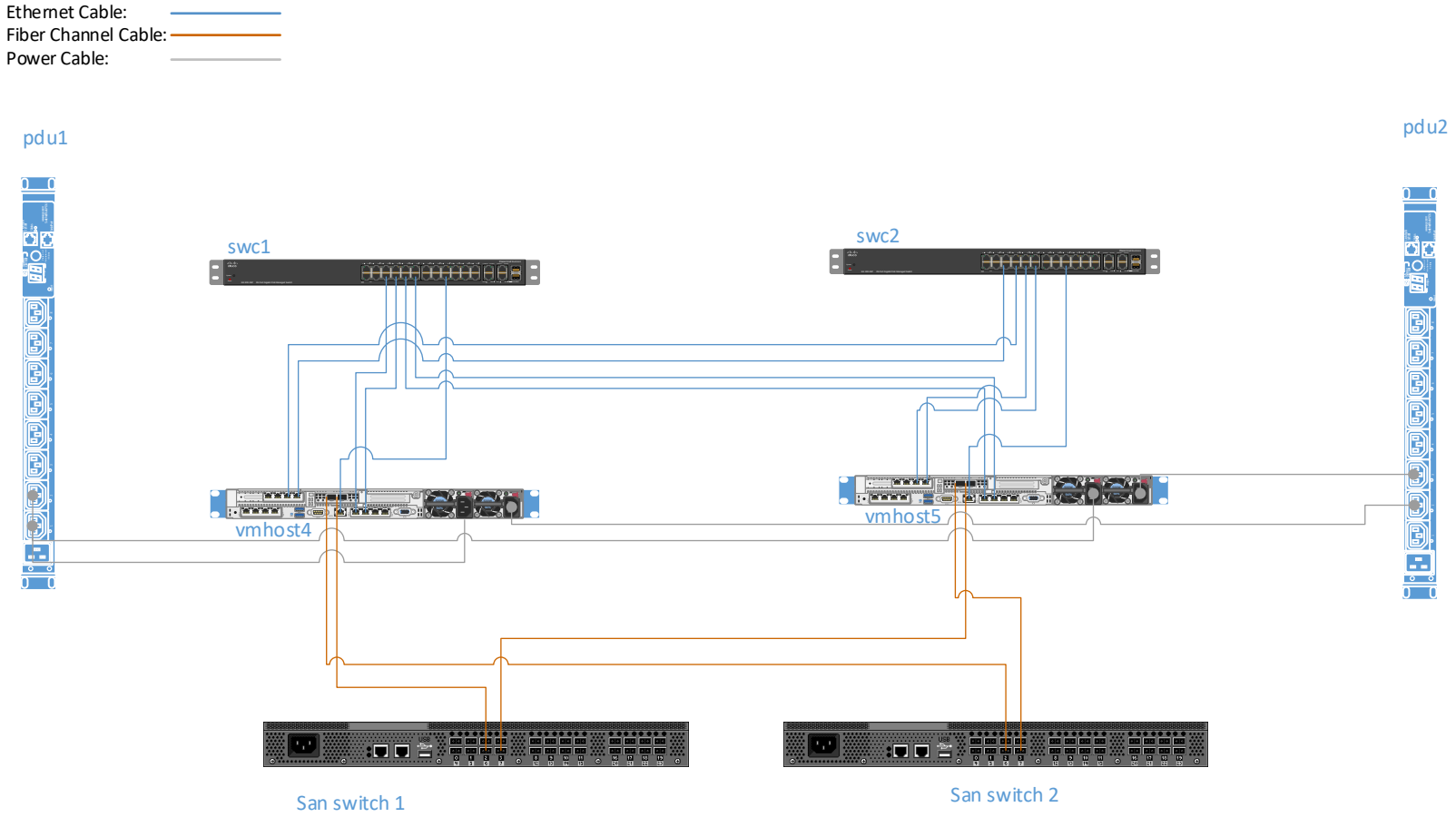
Hardware items

You will receive the following hardware items and cables as described in the table below:

Item name	Quantity
HP DL360 server	2
Ethernet cables	10
Fiber cables	4
Power cables	4

Wiring topology

Diagram below depicts all the wiring to be deployed between our hardware.



Instructions
To do the correct cabling of the hardware, you should follow the instructions below.

Colors in the following tables correspond with the colors in the bubbles of the hardware images below to help you with the connections.

Here is a easy way to read the tables and the images hereunder
1) Each row of the table is a wiring need to be deployed from **Point A** to **Point B**
2) The color of the row is the same with the color of the bubles on the images that point the ports to be used

DO NOT POWER ON ANY HARDWARE COMPONENT UNTIL YOU COMPLETE THE INSTALLATION AND WIRING.

Fiber Cabling Connections

This section holds the **4 fiber cable** connections to be deployed

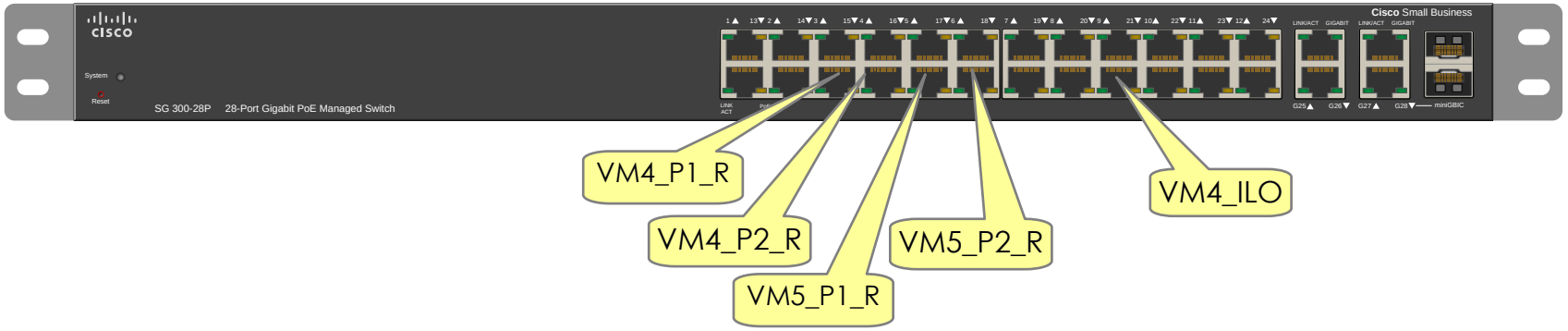
Point A - Device Name	ID	Point B - Device Name	ID
San1	VM4_FC1	VMhost4	VM4_FC1
San1	VM5_FC1	VMhost5	VM5_FC1
San2	VM4_FC2	VMhost4	VM4_FC2
San2	VM5_FC2	VMhost5	VM5_FC2

Ethernet Cabling Connections

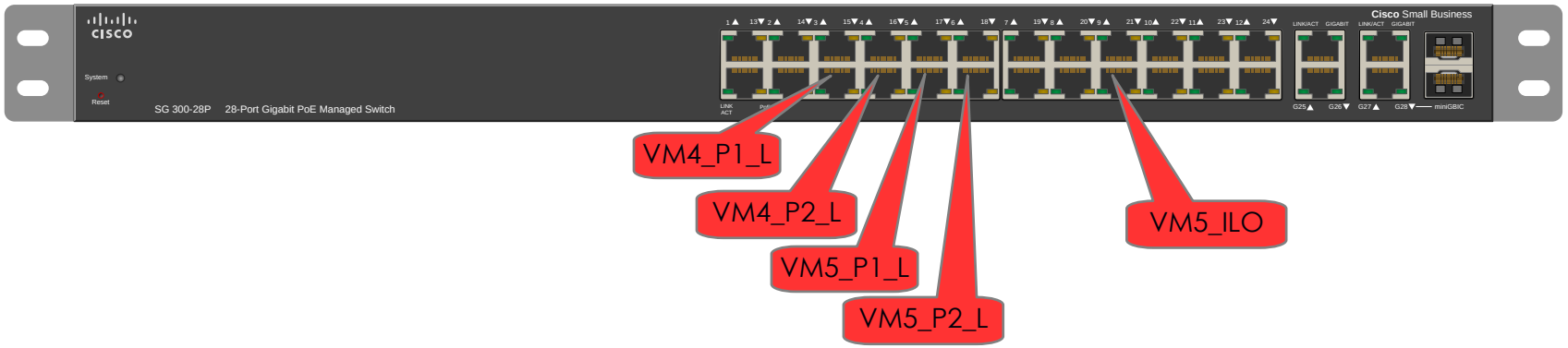
This section holds the **10 ethernet cable** connections to be deployed. This is internal connectivity within our infrastructure

Point A	ID	Point B	ID
Swc1	VM4_P1_R	VMhost4	VM4_P1_R
Swc1	VM4_P2_R	VMhost4	VM4_P2_R
Swc1	VM5_P1_R	VMhost5	VM5_P1_R
Swc1	VM5_P2_R	VMhost5	VM5_P2_R
Swc1	VM4_ILO	VMhost4	VM4_ILO
Swc2	VM4_P1_L	VMhost4	VM4_P1_L
Swc2	VM4_P2_L	VMhost4	VM4_P2_L
Swc2	VM5_P1_L	VMhost5	VM5_P1_L
Swc2	VM5_P2_L	VMhost5	VM5_P2_L
Swc2	VM5_ILO	VMhost5	VM5_ILO

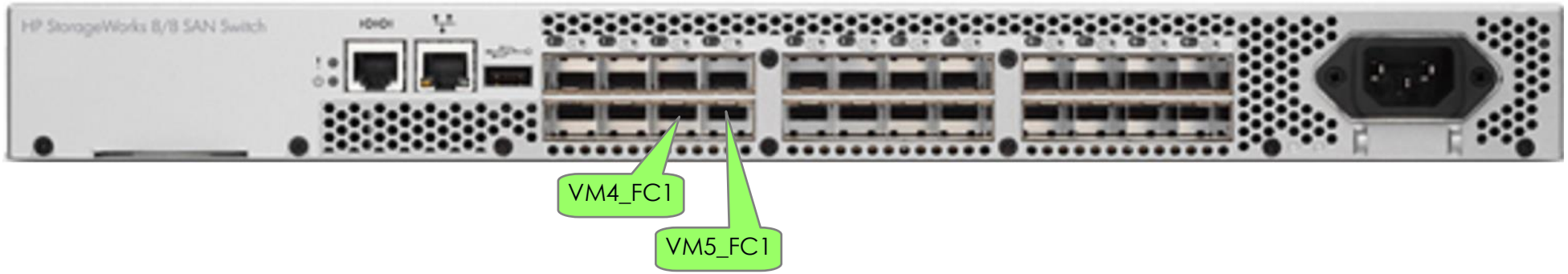
SWC1



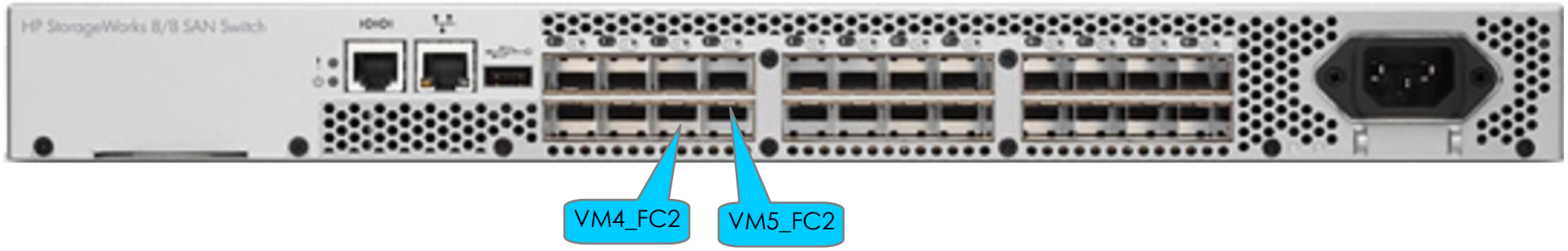
SWC2



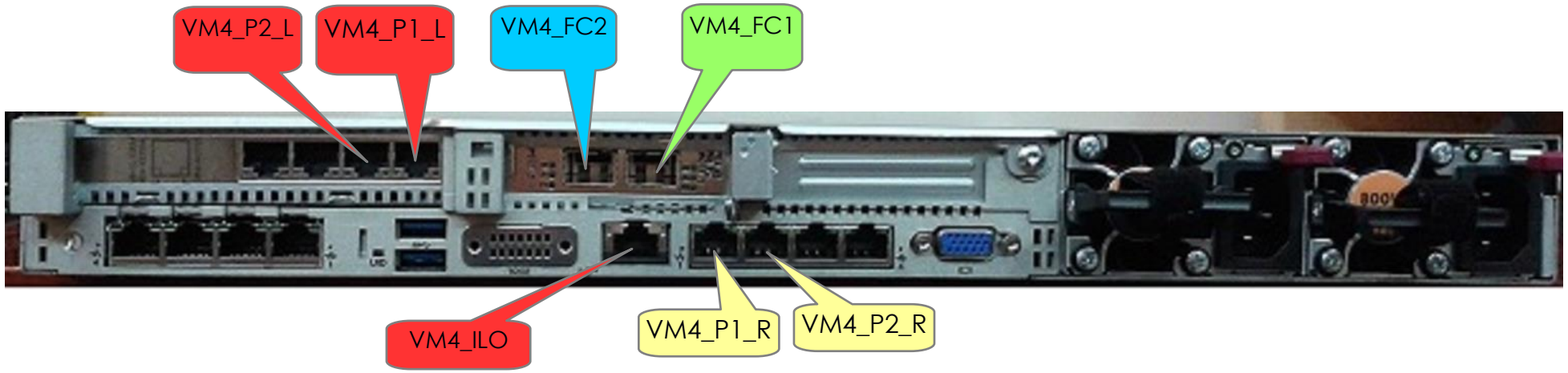
SAN1



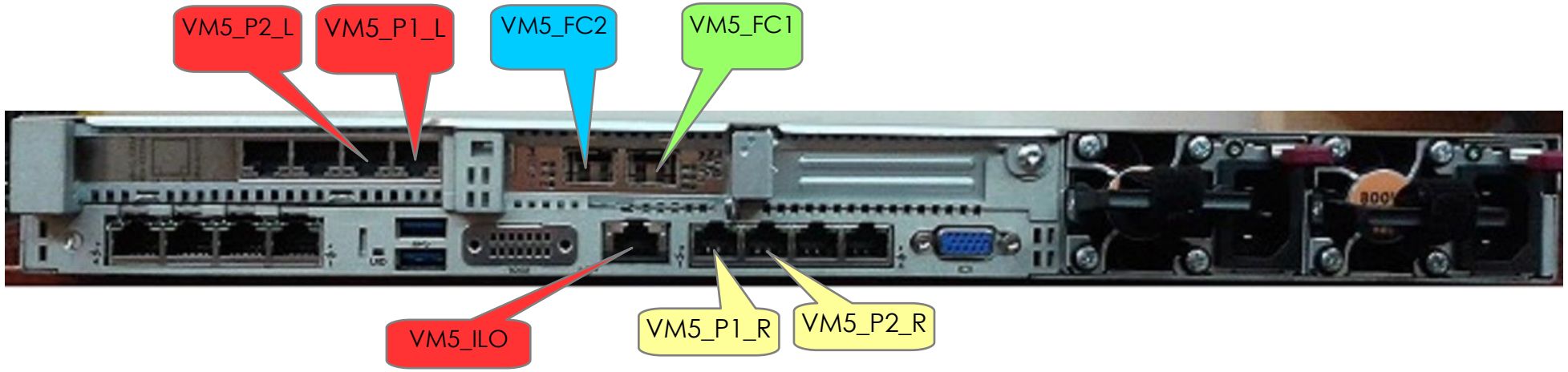
SAN2



VMHOST4



VMHOST5



Power Cabling Connections

Servers and StoreOnce packages include 2 power cables each. Connect each power cable to the different phases (right PDU and left PDU of the rack). See example below of deploying the power cables of a server..

Power on process

1. Power on both servers.
    - Wait about 5 minutes.
    - Check all leds are green.

Annex A – Connection Table

- **Network Switches**

Network Switch 1	
Port No	**Description**
1	----
2	----
3	----
4	----
5	----
6	----
7	----
8	----
9	----
10	----
11	
12	----
13	
14	
15	Connected to VM Host 4 Port 1_Right
16	Connected to VM Host 4 Port 2_Right
17	Connected to VM Host 5 Port 1_Right
18	Connected to VM Host 5 Port 2_Right
19	
20	
21	Connected to ILO port of VM Host 4
22	----
23	----
24	----

Network Switch 2	
Port No	**Description**
1	----
2	----
3	----
4	----
5	----
6	----
7	----
8	----
9	----
10	----
11	
12	----
13	
14	
15	Connected to VM Host 4 Port 1_ Left
16	Connected to VM Host 4 Port 2_ Left
17	Connected to VM Host 5 Port 1_ Left
18	Connected to VM Host 5 Port 2_ Left
19	
20	
21	Connected to ILO port of VM Host 5
22	----
23	----
24	----

- **San Switches**

SAN Switch 1	
Port	**Description**
Fiber 6	Connected to VM Host 4 port FC1
Fiber 7	Connected to VM Host 5 port FC1

SAN Switch 2	
Port	**Description**
Fiber 6	Connected to VM Host 4 port FC2
Fiber 7	Connected to VM Host 5 port FC2

- **VM Hosts**

VM Host 4	
Port	**Description**
Port 1_Right	Connected to Network Switch 1 port 15
Port 2_Right	Connected to Network Switch 1 port 16
Port 1_Left	Connected to Network Switch 2 port 15
Port 2_Left	Connected to Network Switch 2 port 16
ILO port	Connected to Network Switch 2 port 21
FC1	Connected to San Switch 1 Fiber port 6
FC2	Connected to San Switch 2 Fiber port 6

VM Host 5	
Port	**Description**
Port 1_Right	Connected to Network Switch 1 port 17
Port 2_Right	Connected to Network Switch 1 port 18
Port 1_Left	Connected to Network Switch 2 port 17
Port 2_Left	Connected to Network Switch 2 port 18
ILO port	Connected to Network Switch 2 port 21
FC1	Connected to San Switch 1 Fiber port 7
FC2	Connected to San Switch 2 Fiber port 7