

UCP Pro for VMware vSphere

As Built for RosTransNadzor_Saint-Petersburg

S/N 30159, SiteID 392804I

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Chapter 1

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Chapter 2

Compute resources

This instance of UCP Pro includes the following chassis.

Serial Number	Model Type	Model Number	Health	SVP Web Console
323GG-RE3A1NBXR-Y00000287	Hitachi Compute Blade 500	GG-RE3A1NBXR-Y	Healthy	https://10.25.11.10/

Details for each of these chassis are provided in the following subsections.

Chassis 1

Chassis 1 has serial number 323GG-RE3A1NBXR-Y00000287. It is physically located in the base compute rack at U (highlighted in blue in figure ??) and contains the following components.

Management modules

Slot	Power	Active	Health	Firmware	Dictionary	Parameter
0	On	True	Healthy	A0165-B-8205	A0073	1012
1	On	False	Healthy	A0165-B-8205	A0073	1012

Power modules

Slot	Serial Number	Model Number	Power	Health
0	130253394	323-5814541-030	On	Healthy
1	130253468	323-5814541-030	On	Healthy
2	130253000	323-5814541-030	Off	Healthy
3	130253145	323-5814541-030	Off	Healthy

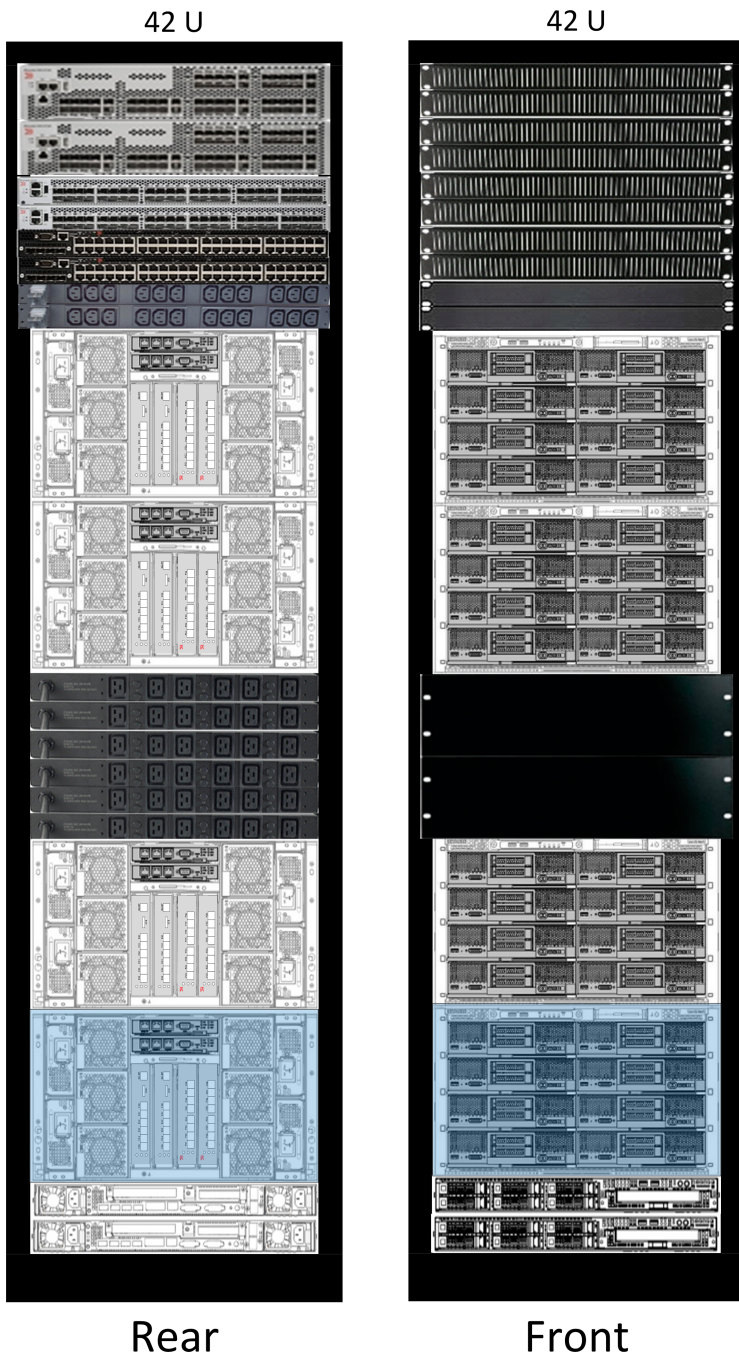


Figure 2.1: Chassis 1, in a fully populated base compute rack

Fan modules

Slot	Power	Health
0	On	Healthy
1	On	Healthy
2	On	Healthy
3	On	Healthy
4	On	Healthy
5	On	Healthy

Switch modules

Slot	Serial Number	IP Address	Model Number	Model Description	Health	Firmware
0	BRK0403J035	10.25.11.214	GG-BE3LSW3X1-Y	Brocade 10Gb DCB switch module	Healthy	300
1	BRK0403J001	10.25.11.215	GG-BE3LSW3X1-Y	Brocade 10Gb DCB switch module	Healthy	300
2	AUM0420J00T	10.25.11.178	GV-BE2FSW1X1-Y	Brocade 8Gb fibre channel switch module	Healthy	702c
3	AUM0429J002	10.25.11.179	GV-BE2FSW1X1-Y	Brocade 8Gb fibre channel switch module	Healthy	702c

Blade summary

Slot	Server ID	Serial Number	Model	Health
0	8197a56f-ea83-11e1-8e90-aed882bc816b	323GGAGC0B1-TNNX14Y00000348	Compute Blade 520HB1	Healthy
1	5e713ade-aaaa-11e1-8147-cdf55a94b2ee	323GGAGC0B1-TNNX14Y00000349	Compute Blade 520HB1	Healthy
2	3be50581-5719-11e2-9674-8dec31316fab	323GGAGC0B1-TNNX14Y00000996	Compute Blade 520HB1	Healthy
3	e7a9cf79-d56e-11e1-90f4-ebefd92242e2	323GGAGC0B1-TNNX14Y00000346	Compute Blade 520HB1	Healthy
4	1df8695b-59c5-11e2-9ddb-dc5317647bce	323GGAGC0B1-TNNX14Y00001029	Compute Blade 520HB1	Healthy
5	d5ad79d7-060e-11e2-a6fd-8ede74225b79	323GGAGC0B1-TNNX14Y00000347	Compute Blade 520HB1	Healthy
6	c9c4bf77-eabd-11e1-879e-d6e4aaff89db	323GGAGC0B1-TNNX14Y00000344	Compute Blade 520HB1	Healthy
7	03455fa8-eab3-11e1-80fa-d84ebfa52315	323GGAGC0B1-TNNX14Y00000345	Compute Blade 520HB1	Healthy

Slot 0 blade details

Property	Value
Host Name	r1-hi-cb500-1-b02.ucp.local
Slot	0
Server Id	8197a56f-ea83-11e1-8e90-aed882bc816b
Serial Number	323GGAGC0B1-TNNX14Y00000348
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.11/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:00
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:01

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:08
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:0A

Slot 1 blade details

Property	Value
Host Name	r1-hi-cb500-1-b01.ucp.local
Slot	1
Server Id	5e713ade-eaaa-11e1-8147-cdf55a94b2ee
Serial Number	323GGAGC0B1-TNNX14Y00000349
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.12/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:20
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:21

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:18
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:1A

Slot 2 blade details

Property	Value
Host Name	r1-hi-cb500-1-b05.ucp.local
Slot	2
Server Id	3be50581-5719-11e2-9674-8dec31316fab
Serial Number	323GGAGC0B1-TNNX14Y00000996
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.13/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:40
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:41

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:48
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:4A

Slot 3 blade details

Property	Value
Host Name	r1-hi-cb500-1-b04.ucp.local
Slot	3
Server Id	e7a9cf79-d56e-11e1-90f4-ebefd92242e2
Serial Number	323GGAGC0B1-TNNX14Y00000346
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.14/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:60
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:61

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:58
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:5A

Slot 4 blade details

Property	Value
Host Name	r1-hi-cb500-1-b07.ucp.local
Slot	4
Server Id	1df8695b-59c5-11e2-9ddb-dc5317647bce
Serial Number	323GGAGC0B1-TNNX14Y00001029
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.15/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:80
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:81

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:88
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:8A

Slot 5 blade details

Property	Value
Host Name	r1-hi-cb500-1-b06.ucp.local
Slot	5
Server Id	d5ad79d7-060e-11e2-a6fd-8ede74225b79
Serial Number	323GGAGC0B1-TNNX14Y00000347
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.16/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:a0
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:a1

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:98
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:9A

Slot 6 blade details

Property	Value
Host Name	r1-hi-cb500-1-b00.ucp.local
Slot	6
Server Id	c9c4bf77-eabd-11e1-879e-d6e4aaff89db
Serial Number	323GGAGC0B1-TNNX14Y00000344
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.17/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:c0
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:c1

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:C8
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:CA

Slot 7 blade details

Property	Value
Host Name	r1-hi-cb500-1-b03.ucp.local
Slot	7
Server Id	03455fa8-eab3-11e1-80fa-d84ebfa52315
Serial Number	323GGAGC0B1-TNNX14Y00000345
Model	Compute Blade 520HB1
CPU Type	Intel(R) Xeon(R) CPU E5-2680 0 @ 2.70GHz
Memory	256 GB
EFI Firmware	07-07
BMC Firmware	01-77
Health	Healthy
BMC Console	https://10.25.11.18/

NIC information

Card	Type	Port	MAC Address
10Gb Onboard LAN	ONBOARD	0	d0:5f:ce:01:01:e0
10Gb Onboard LAN	ONBOARD	1	d0:5f:ce:01:01:e1

HBA information

Card	Type	Port	WWPN
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	0	24:00:D0:5F:CE:01:01:D8
Hitachi 8Gb 2-port fibre channel mezzanine card	MEZZANINE	1	24:00:D0:5F:CE:01:01:DA

Chapter 3

Ethernet networking

Brocade Ethernet switches

Name	IP Address	Model	Serial Number	OS Version	Role	Status
R1-BR-6720-A-U41	10.25.11.212	VDX6720-60	BKS2528J009	3.0.1aa	Aggregate	Active
R1-BR-6720-B-U39	10.25.11.213	VDX6720-60	BKS2528J006	3.0.1aa	Aggregate	Active
R1-HI-CB500-1-U03-6746A	10.25.11.214	VDX6746	BRK0403J035	3.0.0_dcb3	Access	Active
R1-HI-CB500-1-U03-6746B	10.25.11.215	VDX6746	BRK0403J001	3.0.0_dcb3	Access	Active

Ethernet switch R1-BR-6720-A-U41 connectivity

Aggregate switch R1-BR-6720-A-U41 is physically located in the base compute rack at U41 (highlighted in blue in figure 3.1). It has the following connectivity.

Port ID	Port Channel ID	VLANs	ConnectedTo
TenGigabitEthernet 0/11	9	502-503	EthernetSwitch:4
TenGigabitEthernet 0/12	9	502-503	EthernetSwitch:4
TenGigabitEthernet 0/13	1	502-503	EthernetSwitch:1
TenGigabitEthernet 0/14	1	502-503	EthernetSwitch:1
TenGigabitEthernet 0/15	0	502-503	External:0000.c9ea.ccb3
TenGigabitEthernet 0/16	9	502-503	EthernetSwitch:4
TenGigabitEthernet 0/17	9	502-503	EthernetSwitch:4
TenGigabitEthernet 0/18	1	502-503	EthernetSwitch:1
TenGigabitEthernet 0/19	1	502-503	EthernetSwitch:1
TenGigabitEthernet 0/20	0	502-503	External:0000.c9ea.c673

Ethernet switch R1-BR-6720-B-U39 connectivity

Aggregate switch R1-BR-6720-B-U39 is physically located in the base compute rack at U39 (highlighted in blue in figure 3.2). It has the following connectivity.

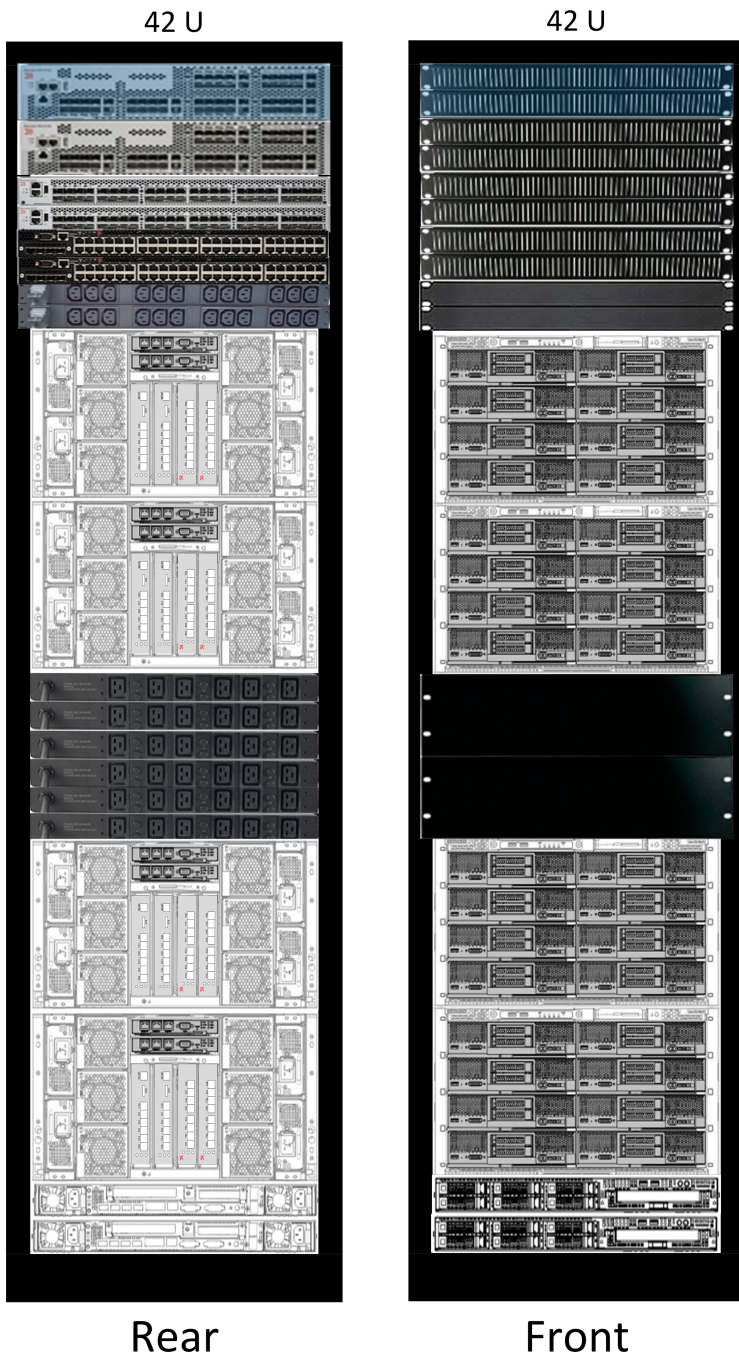


Figure 3.1: R1-BR-6720-A-U41, in a fully populated base compute rack

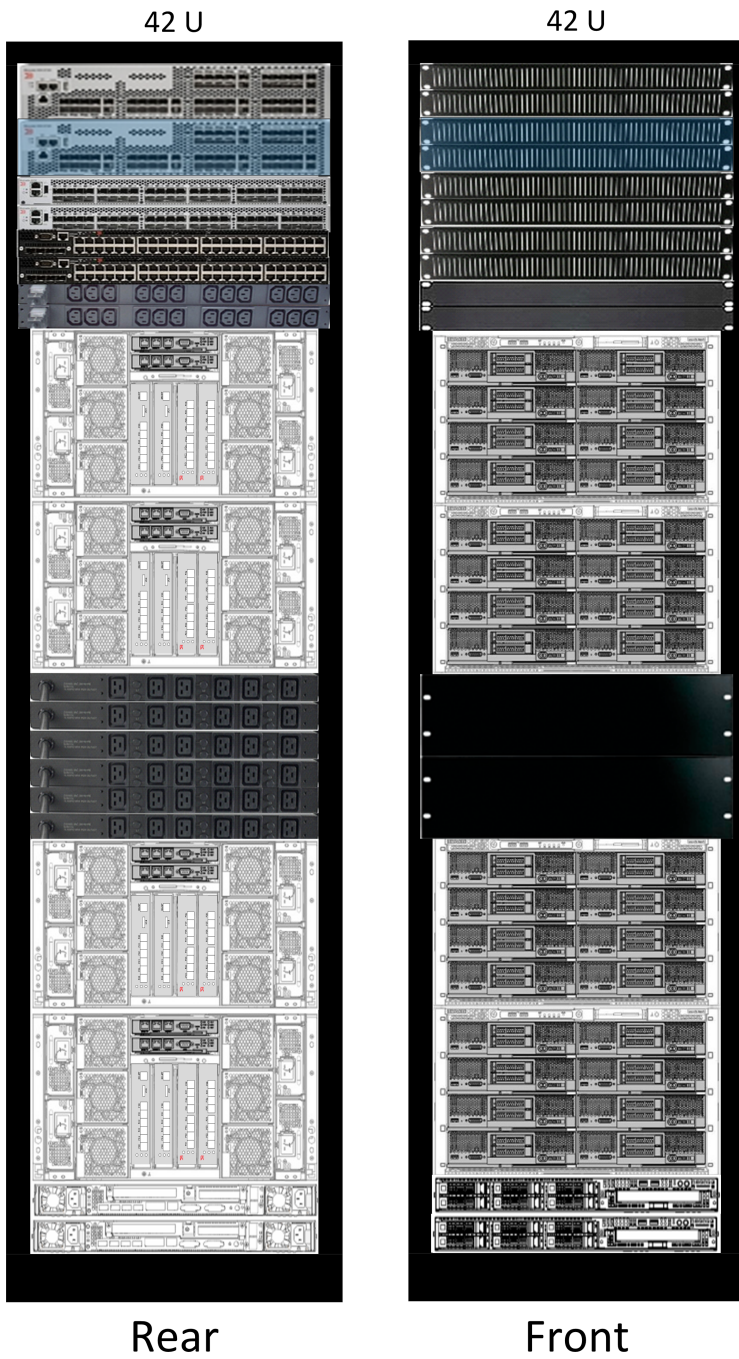


Figure 3.2: R1-BR-6720-B-U39, in a fully populated base compute rack

Port ID	Port Channel ID	VLANs	ConnectedTo
TenGigabitEthernet 0/11	9	502-503	EthernetSwitch:3
TenGigabitEthernet 0/12	9	502-503	EthernetSwitch:3
TenGigabitEthernet 0/13	1	502-503	EthernetSwitch:2
TenGigabitEthernet 0/14	1	502-503	EthernetSwitch:2
TenGigabitEthernet 0/15	0	502-503	External:0000.c9ea.ccb7
TenGigabitEthernet 0/16	9	502-503	EthernetSwitch:3
TenGigabitEthernet 0/17	9	502-503	EthernetSwitch:3
TenGigabitEthernet 0/18	1	502-503	EthernetSwitch:2
TenGigabitEthernet 0/19	1	502-503	EthernetSwitch:2
TenGigabitEthernet 0/20	0	502-503	External:0000.c9ea.c677

Ethernet switch R1-HI-CB500-1-U03-6746A connectivity

Access switch R1-HI-CB500-1-U03-6746A is physically located in chassis 1. It has the following connectivity.

Port ID	Port Channel ID	VLANs	ConnectedTo
TenGigabitEthernet 0/1	1	502-503	EthernetSwitch:3
TenGigabitEthernet 0/2	1	502-503	EthernetSwitch:3
TenGigabitEthernet 0/3	1	502-503	EthernetSwitch:3
TenGigabitEthernet 0/4	1	502-503	EthernetSwitch:3
TenGigabitEthernet 0/9	0	502-503	r1-hi-cb500-1-b00.ucp.local
TenGigabitEthernet 0/10	0	502-503	r1-hi-cb500-1-b01.ucp.local
TenGigabitEthernet 0/11	0	502-503	r1-hi-cb500-1-b02.ucp.local
TenGigabitEthernet 0/12	0	502	r1-hi-cb500-1-b03.ucp.local
TenGigabitEthernet 0/13	0	502	r1-hi-cb500-1-b04.ucp.local
TenGigabitEthernet 0/14	0	502	r1-hi-cb500-1-b05.ucp.local
TenGigabitEthernet 0/15	0	502	r1-hi-cb500-1-b06.ucp.local
TenGigabitEthernet 0/16	0	502	r1-hi-cb500-1-b07.ucp.local

Ethernet switch R1-HI-CB500-1-U03-6746B connectivity

Access switch R1-HI-CB500-1-U03-6746B is physically located in chassis 1. It has the following connectivity.

Port ID	Port Channel ID	VLANs	ConnectedTo
TenGigabitEthernet 0/1	1	502-503	EthernetSwitch:4
TenGigabitEthernet 0/2	1	502-503	EthernetSwitch:4
TenGigabitEthernet 0/3	1	502-503	EthernetSwitch:4
TenGigabitEthernet 0/4	1	502-503	EthernetSwitch:4
TenGigabitEthernet 0/9	0	502-503	r1-hi-cb500-1-b00.ucp.local
TenGigabitEthernet 0/10	0	502-503	r1-hi-cb500-1-b01.ucp.local
TenGigabitEthernet 0/11	0	502-503	r1-hi-cb500-1-b02.ucp.local
TenGigabitEthernet 0/12	0	502	r1-hi-cb500-1-b03.ucp.local
TenGigabitEthernet 0/13	0	502	r1-hi-cb500-1-b04.ucp.local
TenGigabitEthernet 0/14	0	502	r1-hi-cb500-1-b05.ucp.local
TenGigabitEthernet 0/15	0	502	r1-hi-cb500-1-b06.ucp.local
TenGigabitEthernet 0/16	0	502	r1-hi-cb500-1-b07.ucp.local

Chapter 4

Fibre Channel fabric

Brocade Fibre Channel switches

Name	IP Address	Model	Serial Number	Firmware	Fabric	Role	Status
R1-BR-6510-A-U38	10.25.11.170	Brocade 6510	BRW1940J037	v7.2.0a	2	Core Switch	Active
R1-BR-6510-B-U37	10.25.11.171	Brocade 6510	BRW1940J03B	v7.2.0a	1	Core Switch	Active
R1-H1-CB500-1-U03-5460A	10.25.11.178	Brocade 5460	AUM0420J00T	v7.0.2c	2	Edge Switch	Active
R1-H1-CB500-1-U03-5460B	10.25.11.179	Brocade 5460	AUM0429J002	v7.0.2c	1	Edge Switch	Active

Fibre Channel switch R1-BR-6510-A-U38

Core switch R1-BR-6510-A-U38 is physically located in the base compute rack at U38 (highlighted in blue in figure 4.1).

Fibre Channel switch R1-BR-6510-B-U37

Core switch R1-BR-6510-B-U37 is physically located in the base compute rack at U37 (highlighted in blue in figure 4.2).

Fibre Channel switch R1-H1-CB500-1-U03-5460A

Edge switch R1-H1-CB500-1-U03-5460A is physically located in chassis 1.

Fibre Channel switch R1-H1-CB500-1-U03-5460B

Edge switch R1-H1-CB500-1-U03-5460B is physically located in chassis 1.

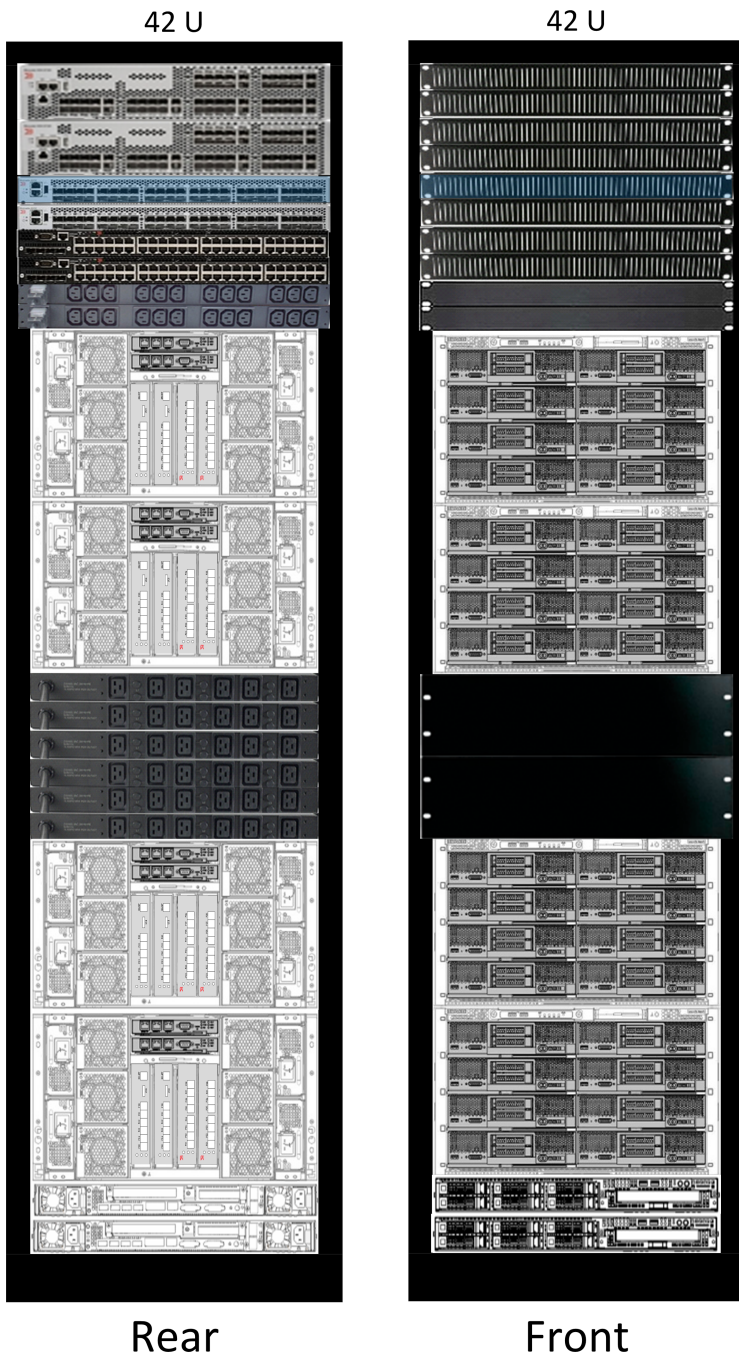


Figure 4.1: R1-BR-6510-A-U38, in a fully populated base compute rack

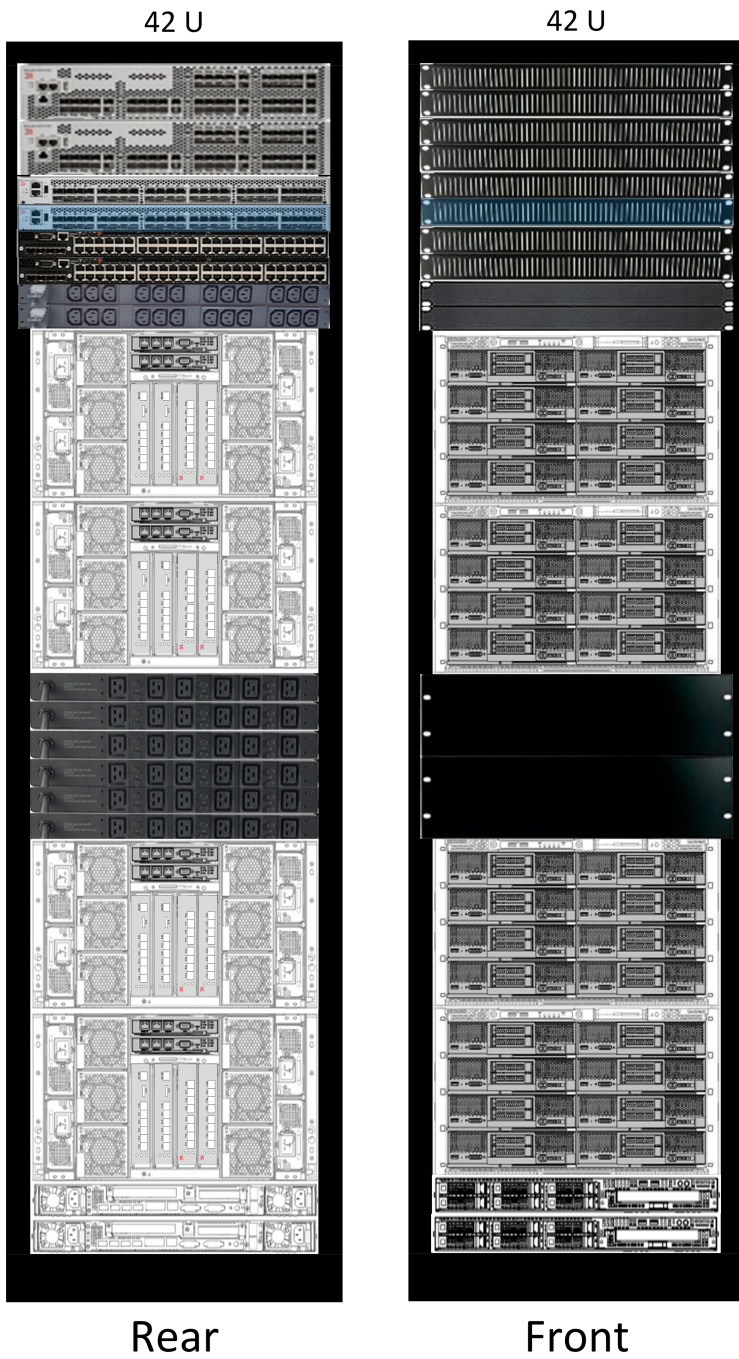


Figure 4.2: R1-BR-6510-B-U37, in a fully populated base compute rack

Compute fabrics

Fabric A connectivity

Port Name	Port Alias	Device Name	Type
24.00.D0.5F.CE.01.01.08	Port0	8197a56f-ea83-11e1-8e90-aed882bc816b	Initiator
24.00.D0.5F.CE.01.01.18	Port0	5e713ade-eaaa-11e1-8147-cdf55a94b2ee	Initiator
24.00.D0.5F.CE.01.01.48	Port0	3be50581-5719-11e2-9674-8dec31316fab	Initiator
24.00.D0.5F.CE.01.01.58	Port0	e7a9cf79-d56e-11e1-90f4-ebefd92242e2	Initiator
24.00.D0.5F.CE.01.01.88	Port0	1df8695b-59c5-11e2-9ddb-dc5317647bce	Initiator
24.00.D0.5F.CE.01.01.98	Port0	d5ad79d7-060e-11e2-a6fd-8ede74225b79	Initiator
24.00.D0.5F.CE.01.01.C8	Port0	c9c4bf77-eabd-11e1-879e-d6e4aaff89db	Initiator
24.00.D0.5F.CE.01.01.D8	Port0	03455fa8-eab3-11e1-80fa-d84ebfa52315	Initiator
50.06.0E.80.13.2C.45.40	CL5-A	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.50	CL6-A	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.01	CL1-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.11	CL2-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.41	CL5-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.51	CL6-B	HUS VM@10.25.11.252	Target

Fabric B connectivity

Port Name	Port Alias	Device Name	Type
24.00.D0.5F.CE.01.01.0A	Port1	8197a56f-ea83-11e1-8e90-aed882bc816b	Initiator
24.00.D0.5F.CE.01.01.1A	Port1	5e713ade-eaaa-11e1-8147-cdf55a94b2ee	Initiator
24.00.D0.5F.CE.01.01.4A	Port1	3be50581-5719-11e2-9674-8dec31316fab	Initiator
24.00.D0.5F.CE.01.01.5A	Port1	e7a9cf79-d56e-11e1-90f4-ebefd92242e2	Initiator
24.00.D0.5F.CE.01.01.8A	Port1	1df8695b-59c5-11e2-9ddb-dc5317647bce	Initiator
24.00.D0.5F.CE.01.01.9A	Port1	d5ad79d7-060e-11e2-a6fd-8ede74225b79	Initiator
24.00.D0.5F.CE.01.01.CA	Port1	c9c4bf77-eabd-11e1-879e-d6e4aaff89db	Initiator
24.00.D0.5F.CE.01.01.DA	Port1	03455fa8-eab3-11e1-80fa-d84ebfa52315	Initiator
50.06.0E.80.13.2C.45.60	CL7-A	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.70	CL8-A	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.21	CL3-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.31	CL4-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.61	CL7-B	HUS VM@10.25.11.252	Target
50.06.0E.80.13.2C.45.71	CL8-B	HUS VM@10.25.11.252	Target

Chapter 5

Storage resources

Storage system

Name	Serial Number	Type	Status	Family	Controller	Microcode	Physical Space
HUS VM@10.25.11.252	211333	HUS VM	Normal	HM700	73-03-09-00/00	73-03-09/00	21823.56 GB

Storage pools

Id	Type	Status	Capacity	SubscribedCapacity	Subscription Limit
0	Hdt	Normal	14490.57 GB	2048.07 GB	110%

Storage volumes

Id	LDEV	Pool Id	Name	Total Capacity	Used Capacity	Used
0	00:00:00	0	DataStore_1	1024 GB	1.15 GB	0%
1	00:00:01	0	DataStore_2	1024 GB	1.15 GB	0%

Storage ports

Id	WWPN	Type	Speed	Attribute
CL1-B	50.06.0E.80.13.2C.45.01	Fibre	Auto	Target
CL2-B	50.06.0E.80.13.2C.45.11	Fibre	Auto	Target
CL3-B	50.06.0E.80.13.2C.45.21	Fibre	Auto	Target
CL4-B	50.06.0E.80.13.2C.45.31	Fibre	Auto	Target
CL5-A	50.06.0E.80.13.2C.45.40	Fibre	Auto	Target
CL5-B	50.06.0E.80.13.2C.45.41	Fibre	Auto	Target
CL6-A	50.06.0E.80.13.2C.45.50	Fibre	Auto	Target
CL6-B	50.06.0E.80.13.2C.45.51	Fibre	Auto	Target
CL7-A	50.06.0E.80.13.2C.45.60	Fibre	Auto	Target
CL7-B	50.06.0E.80.13.2C.45.61	Fibre	Auto	Target
CL8-A	50.06.0E.80.13.2C.45.70	Fibre	Auto	Target
CL8-B	50.06.0E.80.13.2C.45.71	Fibre	Auto	Target

Chapter 6

Accounts and passwords

User accounts

Type	Account	Password
HCSM, HDVM - Built-in admin account	system	manager
HCSM, HDVM - UCP Director user account	ucpadmin	Kum0@pur@1nS
Microsoft SQL Server - Built-in admin account	sa	Kum0@pur@1nS
Microsoft SQL Server - SQL syslogin account	svc_sso	Kum0@pur@1nS
Microsoft SQL Server - SQL syslogin account	svc_updatemgr	Kum0@pur@1nS
ESXi - Built-in ESXi account	root	Kum0@pur@1nS
UCPUtil Linux built-in account	root	Kum0@pur@1nS
Windows VM built-in admin account	administrator	Kum0@pur@1nS
AD account - UCP local domain admin account	ucp\administrator	Kum0@pur@1nS
AD account - UCP local domain account	ucp\ucpadmin	Kum0@pur@1nS
AD account - vCenter Server service account	ucp\svc_ventr	Kum0@pur@1nS
AD account - SQL Server service account	ucp\svc_sql	Kum0@pur@1nS
AD account - UCP Director service account	ucp\svc_ucp	Kum0@pur@1nS

Hardware accounts

Brocade VDX 6746 and VDX 6720-60 Ethernet switches

Account	Password	Permission	Description
admin	Br0c@d3Eth	Administrator	Factory default administrator account
user	Br0c@d3Eth	User	Factory default user account
ucpadmin	Kum0@pur@1nS	Administrator	Account used by UCP
ucpsnmpuser	ucpsnmppwd	User (monitoring only)	Account used for SNMP notifications

Brocade FCX648 switches

Account	Password	Permission	Description
admin	Br0c@d3Eth	Administrator	Factory default administrator account
ucpadmin	Kum0@pur@1nS	Administrator	Account used for UCP

Brocade 5460 and 6510 Fibre Channel switches

Account	Password	Permission	Description
root	Br0c@d3FC	Root	Factory default root account
admin	Br0c@d3FC	Administrator	Factory default administrator account
factory	Br0c@d3FC	Factory	Factory default factory account
user	Br0c@d3FC	User	Factory default user account
ucpadmin	Kum0@pur@1nS	Administrator	Account used by UCP
ucpmgmt	Kum0@pur@1nS	Administrator	Account used for vFab1 management (6510A & 6510B only)
ucpsnmpuser	ucpsnmpwd	User (monitoring only)	Account used for SNMP notifications

Hitachi CB500 blade chassis

Account	Password	Permission	Description
administrator	password	Administrator	Factory default administrator account
ceconsl	cepasswd	Administrator	Factory default user account
ucpadmin	Kum0@pur@1nS	Administrator	Account used by UCP

Hitachi 520H blade server BMC

Account	Password	Permission	Description
user01	pass01	Administrator	Factory default user account
ceconsl	cepasswd	Administrator	Factory default user account
ucpadmin	Kum0@pur@1nS	Administrator	Account used by UCP

CR210HM

Account	Password	Permission	Description
user01	pass01	Administrator	Default remote management console account
administrator	hosyu95	Administrator	BIOS account

Chapter 7

IP Address summary

Element management

Element description	IP address	Logical name	Port type
Service-VM	10.25.11.240	ServiceVM	Virtual
vCenter VM	10.25.11.241	vCenter	Virtual
UCP-Util VM	10.25.11.242	UCPUtility	Virtual
UCP VM	10.25.11.243	UCPManagement	Virtual
SQL VM	10.25.11.244	SQL	Virtual
HCS VM	10.25.11.245	HCS	Virtual
AD VM	10.25.11.246	AD	Virtual
10GbE 6720-A	10.25.11.212	R1-BR-6720-A-U41	Physical
10GbE 6720-B	10.25.11.213	R1-BR-6720-B-U39	Physical
Brocade 6510-A	10.25.11.170	R1-BR-6510-A-U38	Physical
Brocade 6510-B	10.25.11.171	R1-BR-6510-B-U37	Physical
1GbE FCX648-A	10.25.11.210	Brocade-FCX648-A	Physical
1GbE FCX648-B	10.25.11.211	Brocade-FCX648-B	Physical
Storage Array	10.25.11.252	HUS150@10.25.11.252	Physical
CR210HM1 BMC	10.25.11.230	R1-HI-BMC-1-U01	Physical
CR210HM1 ETH1 & ETH2	10.25.11.231	R1-HI-CR210-1-U01	Virtual
CR210HM2 BMC	10.25.11.232	R1-HI-BMC-2-U02	Physical
CR210HM2 ETH1 & ETH2	10.25.11.233	R1-HI-CR210-2-U02	Virtual
CH1 Service Processor (SVP)	10.25.11.010	R1-HI-CB500-1-U03-SVP	Physical/Shared
CH1 BMC Blade 0	10.25.11.011	R1-HI-CB500-1-BMC-B00	Physical/Shared
CH1 BMC Blade 1	10.25.11.012	R1-HI-CB500-1-BMC-B01	Physical/Shared
CH1 BMC Blade 2	10.25.11.013	R1-HI-CB500-1-BMC-B02	Physical/Shared
CH1 BMC Blade 3	10.25.11.014	R1-HI-CB500-1-BMC-B03	Physical/Shared
CH1 BMC Blade 4	10.25.11.015	R1-HI-CB500-1-BMC-B04	Physical/Shared
CH1 BMC Blade 5	10.25.11.016	R1-HI-CB500-1-BMC-B05	Physical/Shared
CH1 BMC Blade 6	10.25.11.017	R1-HI-CB500-1-BMC-B06	Physical/Shared
CH1 BMC Blade 7	10.25.11.018	R1-HI-CB500-1-BMC-B07	Physical/Shared
CH1 Brocade 6746-A	10.25.11.214	R1-HI-CB500-1-U03-6746A	Physical/Shared
CH1 Brocade 6746-B	10.25.11.215	R1-HI-CB500-1-U03-6746B	Physical/Shared

ESXi management

Element description	IP address	Default logical name	Port type
CR210HM1 ETH1 & ETH2	10.25.12.231	R1-HI-CR210-1-U01	Virtual
CR210HM2 ETH1 & ETH2	10.25.12.233	R1-HI-CR210-2-U02	Virtual
vCenter	10.25.12.241	vCenter	Virtual
Service-VM	10.25.12.240	ServiceVM	Virtual
UCP-Util VM	10.25.12.242	UCPUtility	Virtual
UCP VM	10.25.12.243	UCPManagement	Virtual
CH1 Blade 0 ETH0 & ETH1	10.25.12.011	R1-HI-CB500-1-B00	Virtual
CH1 Blade 1 ETH0 & ETH1	10.25.12.012	R1-HI-CB500-1-B01	Virtual
CH1 Blade 2 ETH0 & ETH1	10.25.12.013	R1-HI-CB500-1-B02	Virtual
CH1 Blade 3 ETH0 & ETH1	10.25.12.014	R1-HI-CB500-1-B03	Virtual
CH1 Blade 4 ETH0 & ETH1	10.25.12.015	R1-HI-CB500-1-B04	Virtual
CH1 Blade 5 ETH0 & ETH1	10.25.12.016	R1-HI-CB500-1-B05	Virtual
CH1 Blade 6 ETH0 & ETH1	10.25.12.017	R1-HI-CB500-1-B06	Virtual
CH1 Blade 7 ETH0 & ETH1	10.25.12.018	R1-HI-CB500-1-B07	Virtual

Chapter 8

Support

Hitachi Data Systems (HDS) has a technical staff to provide support capabilities, all of which are available 24 hours a day, 365 days a year. Our staff consists of fully trained professionals in both the hardware and software areas. Hitachi Data Systems has implemented a process for immediate engagement of the Global Support Center(GSC) so all cases can be quickly expedited with a qualified specialists providing you with remote assistance. Additional service measures may be utilized by data line interrogation via Hi-Track, Remote Support Facility. Isolation and problem resolution have the potential of being enhanced dramatically with these tools and processes. When a serious problem occurs, HDS will immediately engage engineering specialists in analyzing the problem and development of an action plan to resolve the problem. These individuals are committed to providing a range of services in both the hardware and software areas. Additional resources available include local technical specialists as well as sales and pre-sales consultants.

Centralized Support

Our globally centralized support organization and processes are aligned around the world by solution practice area to drive further specialization, core competency, focus and consistency of support for our customers. Each practice has an accountable leader and a specialized group of support engineers working together regardless of their location to provide 24/7 support. This Level 1 team, working with a Global Contact Care Team front ends all of our incoming support calls and they have been a cornerstone to our customer experience. The Global Support Center will engage the Customer Engineer should onsite support services be needed.

You can report a problem using one of these two methods

- Telephone: US Toll free: +011-877-445-1675; International:+011-858-304-9218.
- Online - <https://portal.hds.com/> -> Service Request Management

Your designated technical staff should be prepared to provide the following information to HDS GCC technical staff to expedite the request for service:

1. The Site ID at which the equipment in question is located: Site ID Address / Location
2. A problem description or request
3. Solution Serial Number
4. The Severity level of the incident

It is important to determine the correct Severity Level at the time of logging the call with Hitachi Data Systems. This is an assessment of the impact of an incident or action on the Customer's business, for the purpose of determining the actions to be taken in the event of a problem with HDS supplied equipment, the following definitions shall apply:

- Severity 1 - System down: A problem that prevents the Customer using the system, data lost or unable to be accessed, repeated system hangs or security violations that make continuing use unviable. Alternative solutions or work-rounds are unavailable.

- Severity 2 - Severe restriction: A problem that has a major impact on the Customer's business and limits their use of the system, e.g. the system is operating but performance is severely restricted leading to reduced Customer productivity, major functionality is restricted, some users or workgroups are unable to access their data, data loss or corruption has occurred although recovery is possible, problems during software installation on a production system.
- Severity 3 - Minor restriction: A problem that does not have a major effect on the customer's business, e.g. failure of a non-critical or redundant module/component, problems affecting only one or few users, problems during software or hardware product installation or upgrade on a non-production or test system.
- Severity 4 – Circumvented: Similar to Minor Restriction, however the problem has been circumvented using an alternative solution or work-round, although a permanent fix is required.
- Severity 5 - Information only: An issue concerned with the usage or documentation of the software, e.g. "how to" questions, clarification of documentation or error codes, enhancement requests, having no material effect on the Customer's current operation.