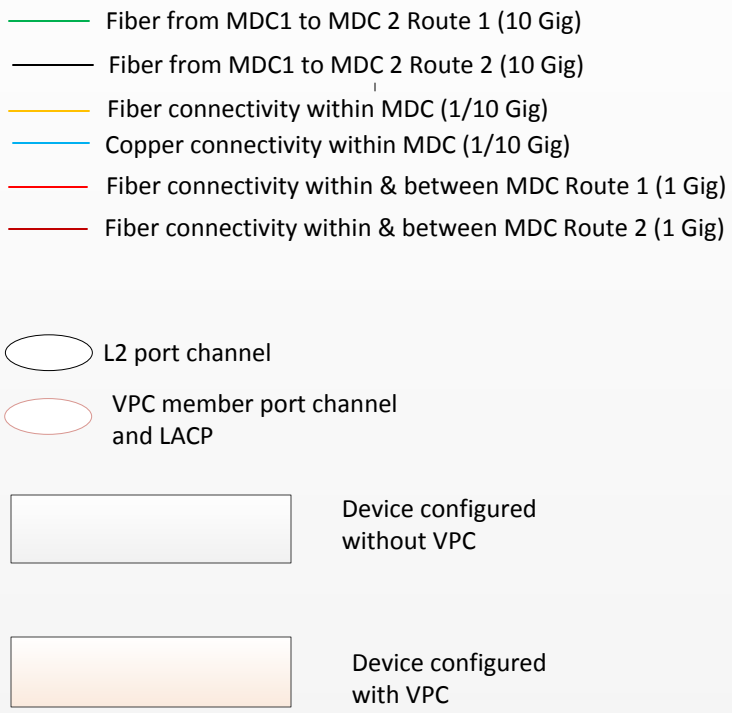
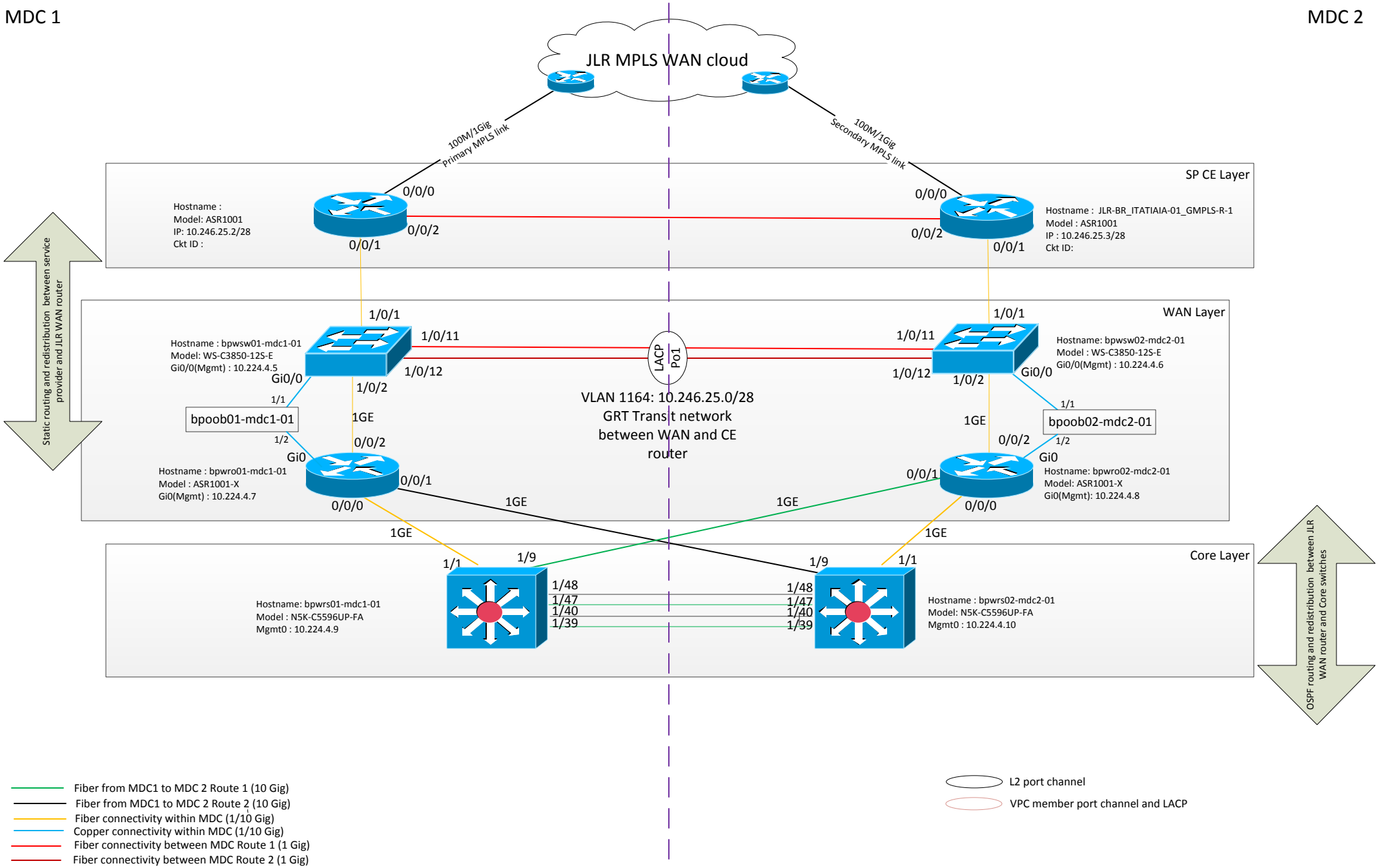
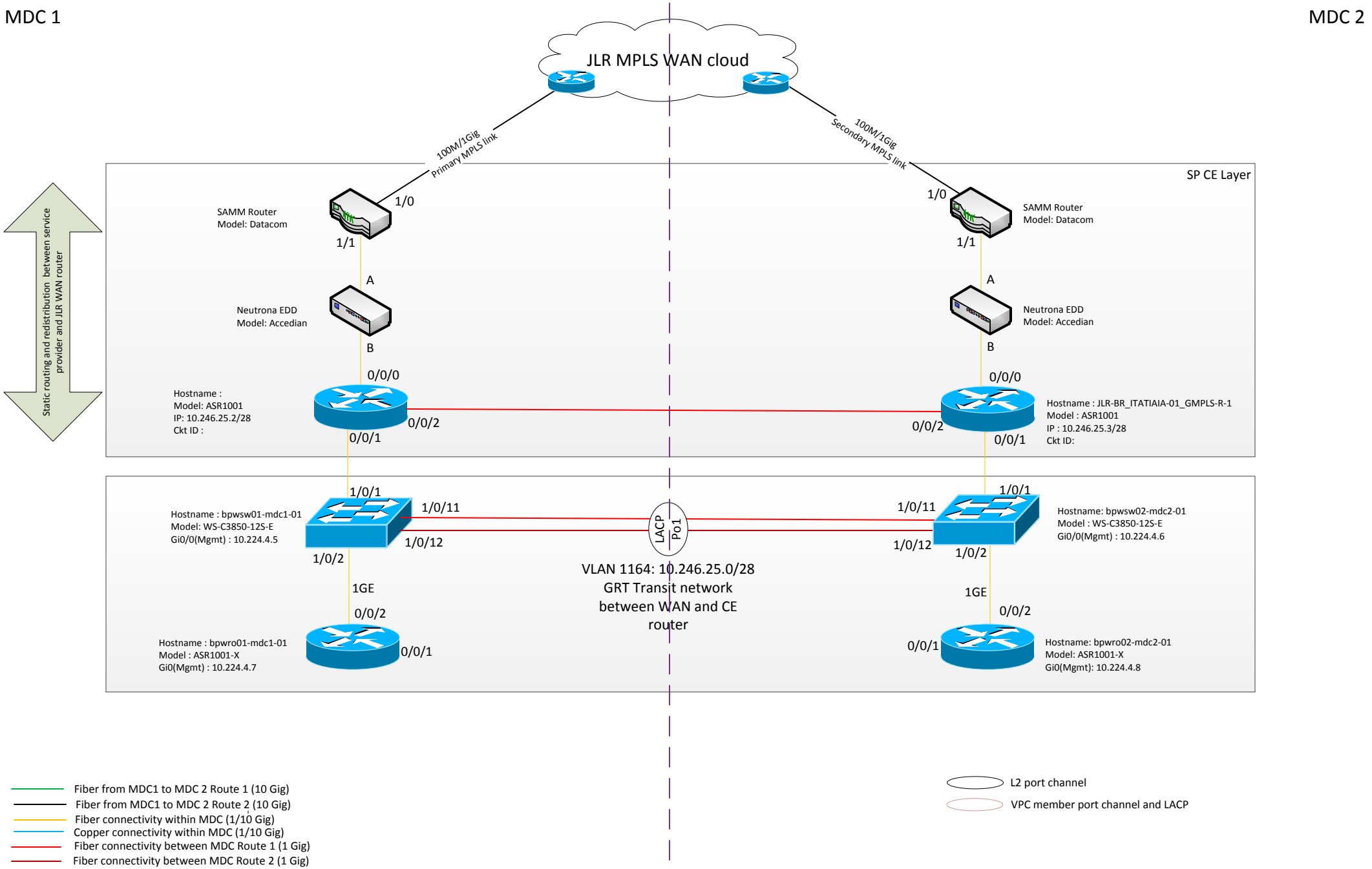
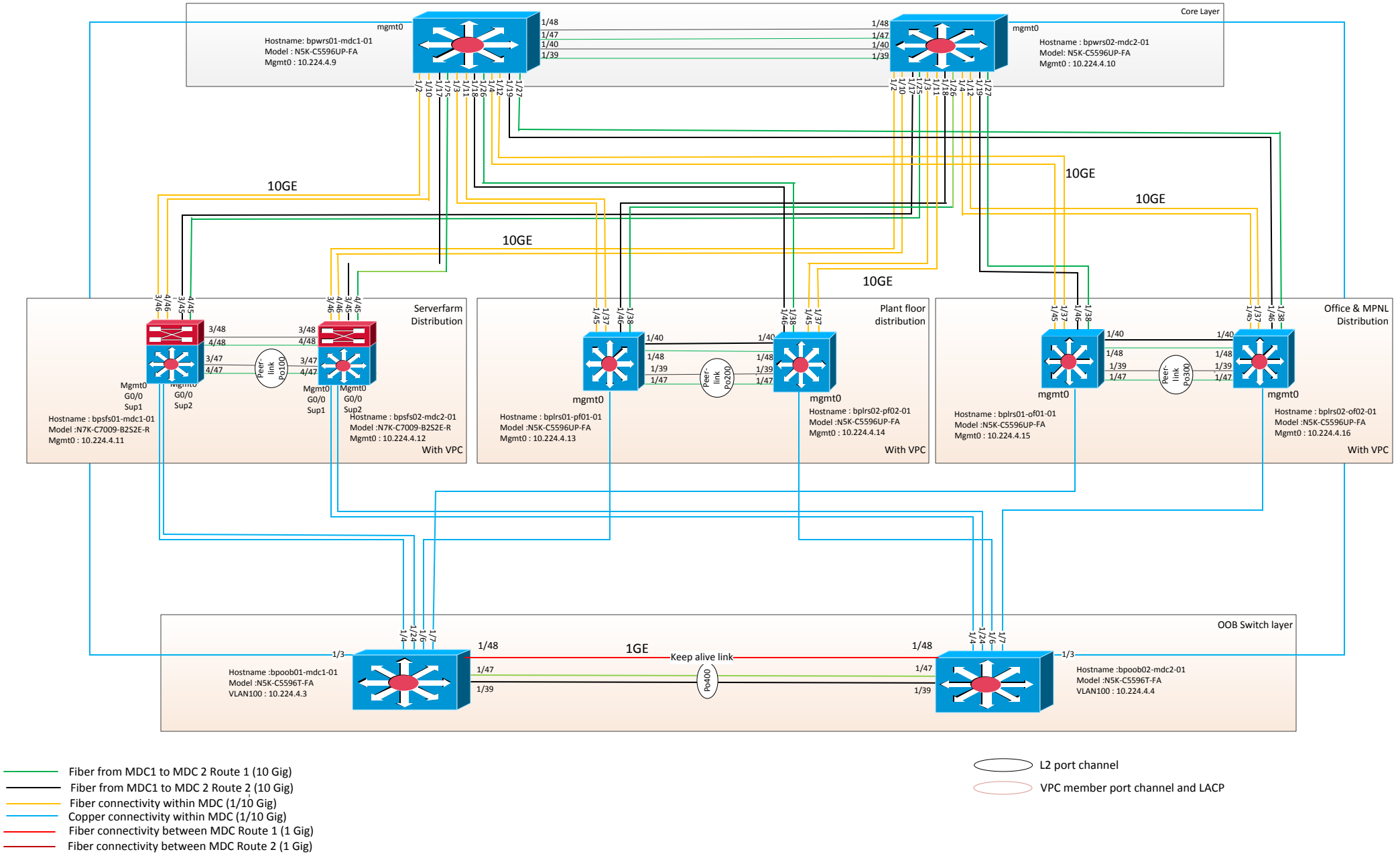
Work Sheet information

1) Connectivity and Block Information colour coding.
2) WAN block connectivity.
3) All Distribution block connectivity.
4) MDC Distribution switch connectivity.
5) MDC Distribution block connectivity to Application, Manufacturing and Corporate.
6) MDC Distribution block connectivity to 3rd Party VRF.
7) Logical view of Internal Firewall connectivity to Application, 3rd Party, Corporate and Manufacturing.
8) Plant Floor Distribution block.
9) Office & MPNL Distribution block.
10) Vblock Connectivity.
11) Backup solution.
12) OOB Setup.
13) Network device management connectivity.
14) Logical view of out of band firewall connectivity.
15) Network device module information.


Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity within & between MDC Route 1 (1 Gig)
Fiber connectivity within & between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel
and LACP
Device configured
without VPC
Device configured
with VPC

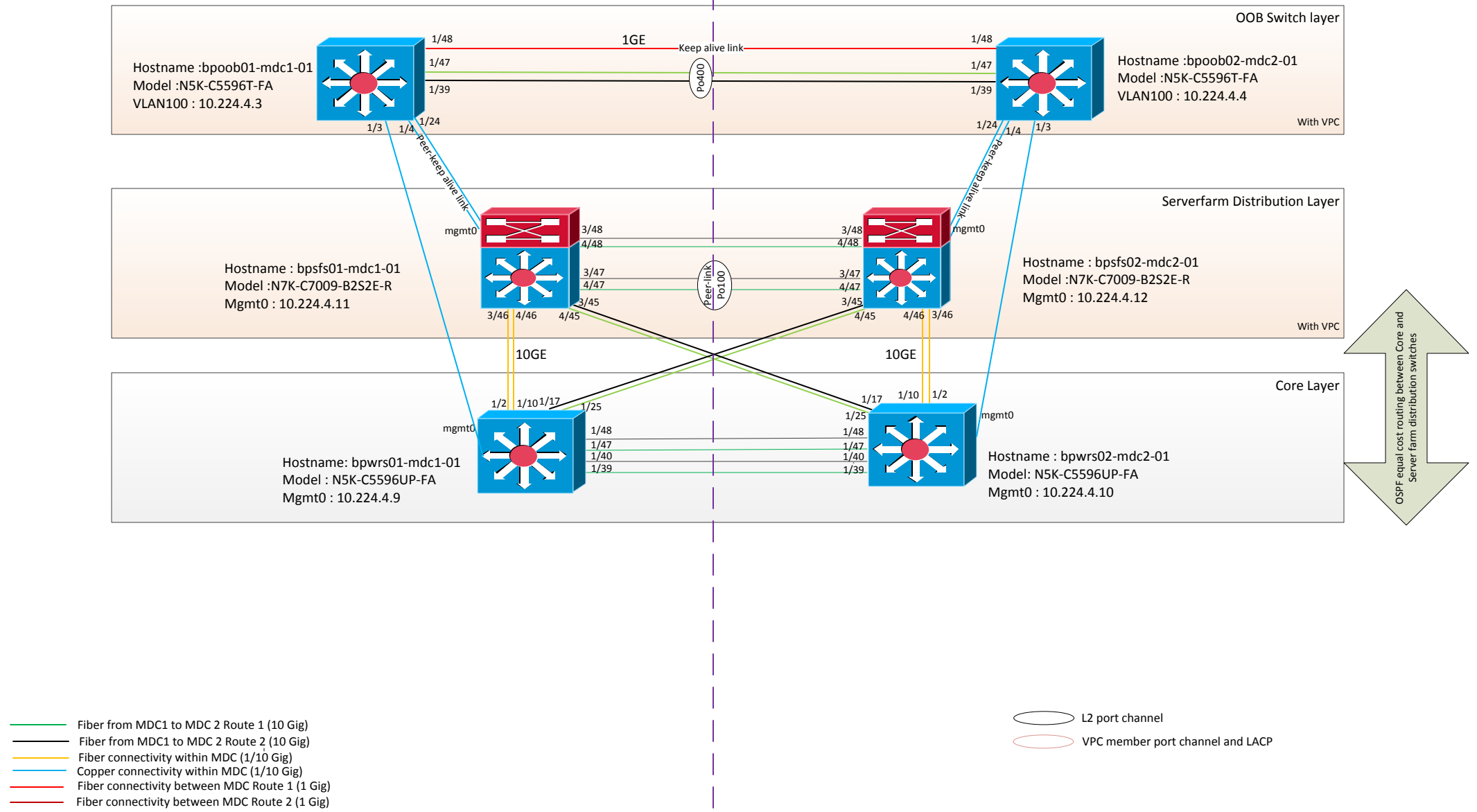

MDC 1
MDC 2
JLR MPLS WAN cloud
100M/1Gig
Primary MPLS link
100M/1Gig
Secondary MPLS link
SP CE Layer
Hostname :
Model: ASR1001
IP: 10.246.25.2/28
Ckt ID :
0/0/0
0/0/2
0/0/1
Hostname : JLR-BR_ITATIAIA-01_GMPLS-R-1
Model : ASR1001
IP : 10.246.25.3/28
Ckt ID:
Static routing and redistribution between service provider and JLR WAN router
WAN Layer
Hostname : bpwsw01-mdc1-01
Model: WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.5
1/0/1
1/0/11
1/0/12
1/0/2
Gi0/0
LACP
Po1
VLAN 1164: 10.246.25.0/28
GRT Transit network
between WAN and CE
router
Hostname: bpwsw02-mdc2-01
Model : WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.6
1/1
bpoob01-mdc1-01
bpoob02-mdc2-01
1GE
1/2
Gi0
0/0/2
Hostname : bpwro01-mdc1-01
Model : ASR1001-X
Gi0(Mgmt) : 10.224.4.7
0/0/1
0/0/0
Hostname: bpwro02-mdc2-01
Model: ASR1001-X
Gi0(Mgmt): 10.224.4.8
Core Layer
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
1/9
1/48
1/47
1/40
1/39
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
OSPF routing and redistribution between JLR WAN router and Core switches
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

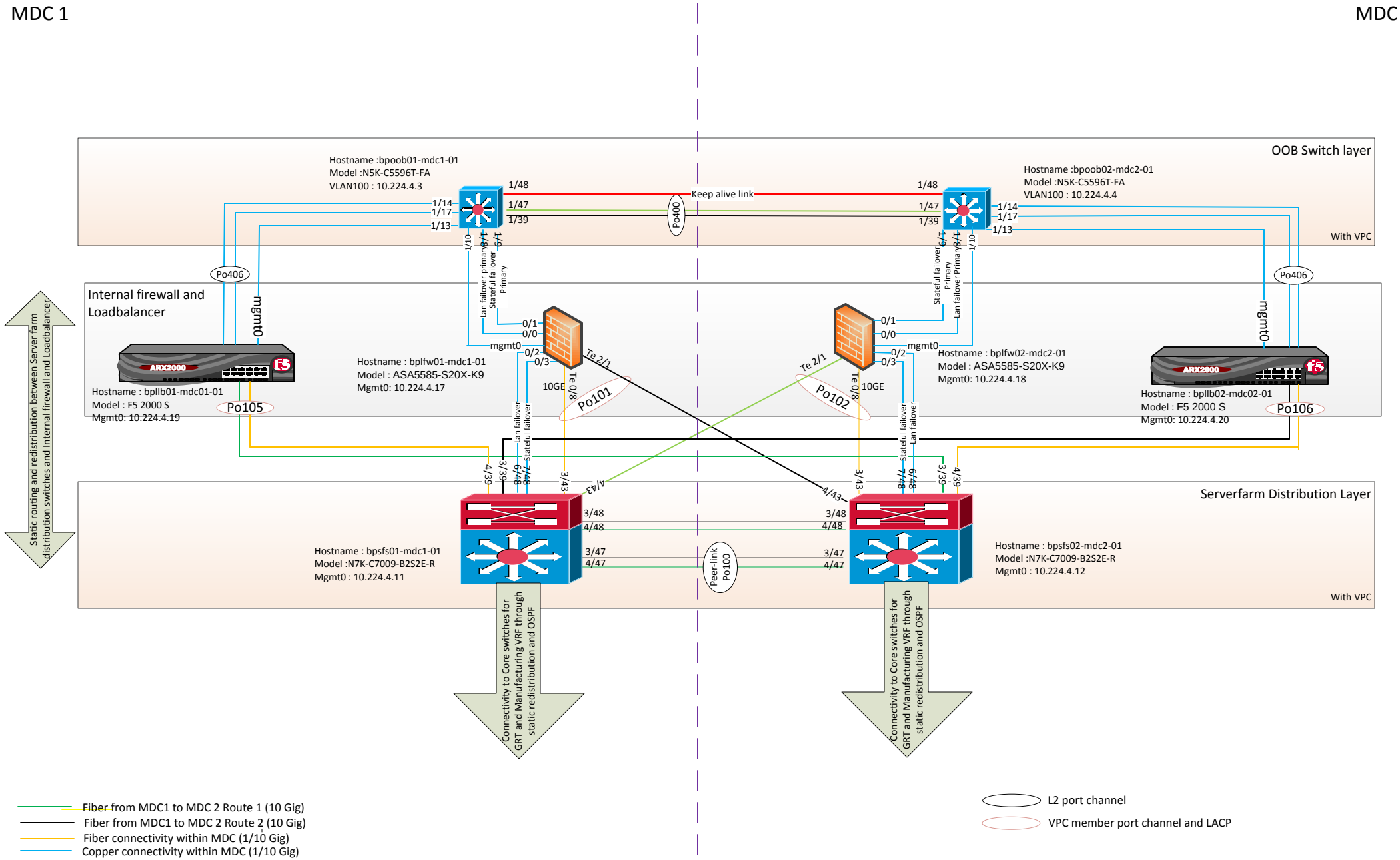

MDC 1
MDC 2
JLR MPLS WAN cloud
100M/1Gig
Primary MPLS link
100M/1Gig
Secondary MPLS link
SP CE Layer
Static routing and redistribution between service provider and JLR WAN router
SAMM Router
Model: Datacom
1/0
1/1
A
B
Neutrona EDD
Model: Accedian
0/0/0
0/0/1
0/0/2
Hostname :
Model: ASR1001
IP: 10.246.25.2/28
Ckt ID :
Hostname : JLR-BR_ITATIAIA-01_GMPLS-R-1
Model : ASR1001
IP : 10.246.25.3/28
Ckt ID:
1/0/1
1/0/2
1/0/11
1/0/12
Hostname : bpwsw01-mdc1-01
Model: WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.5
Hostname: bpwsw02-mdc2-01
Model : WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.6
LACP
Po1
VLAN 1164: 10.246.25.0/28
GRT Transit network
between WAN and CE
router
1GE
Hostname : bpwro01-mdc1-01
Model : ASR1001-X
Gi0(Mgmt) : 10.224.4.7
Hostname: bpwro02-mdc2-01
Model: ASR1001-X
Gi0(Mgmt): 10.224.4.8
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP


Core Layer
mgmt0
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
10GE
Serverfarm Distribution
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
With VPC
Peer-link Po100
Plant floor distribution
Hostname : bplrs01-pf01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.13
Hostname : bplrs02-pf02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.14
Peer-link Po200
Office & MPNL Distribution
Hostname : bplrs01-of01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.15
Hostname : bplrs02-of02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.16
Peer-link Po300
OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
1GE
Keep alive link
Po400
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

MDC 1

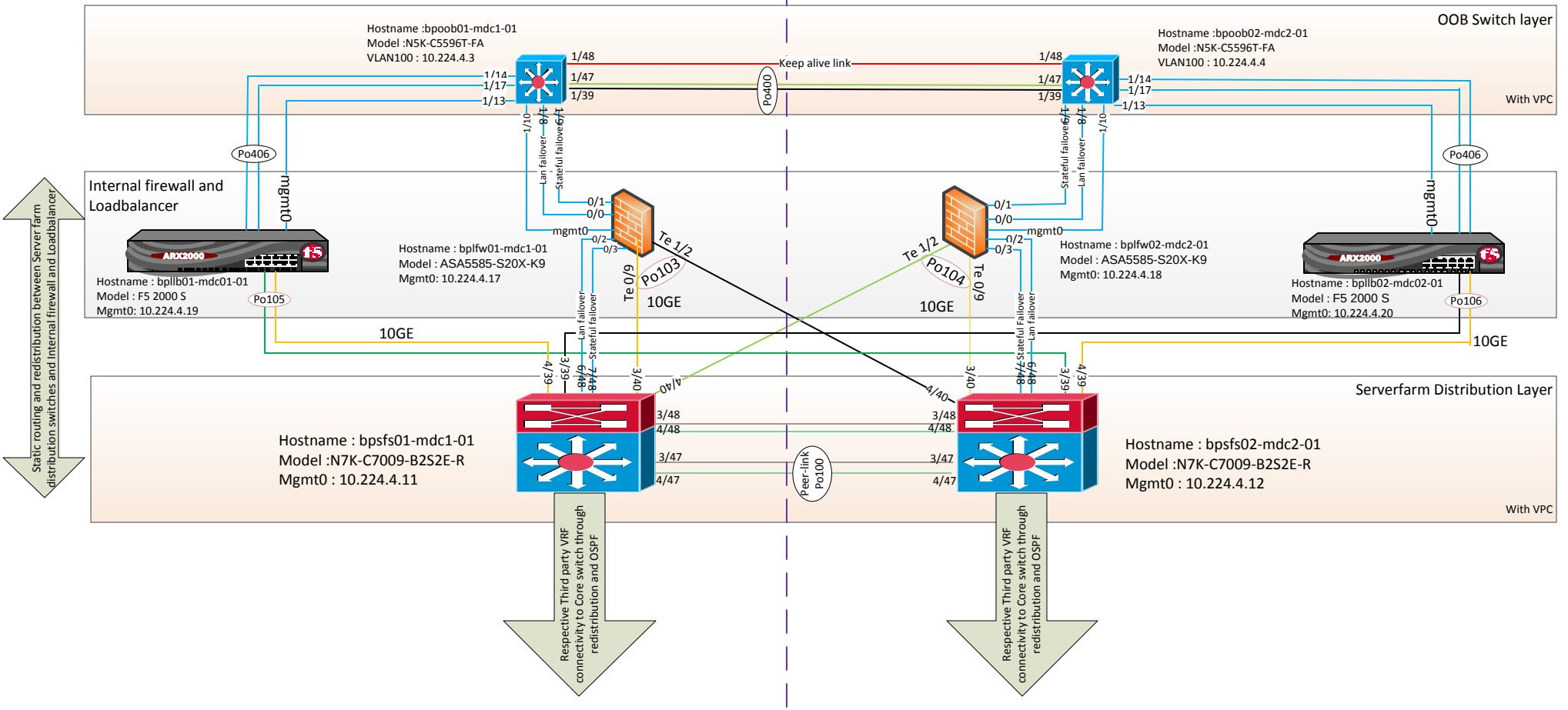
MDC 2

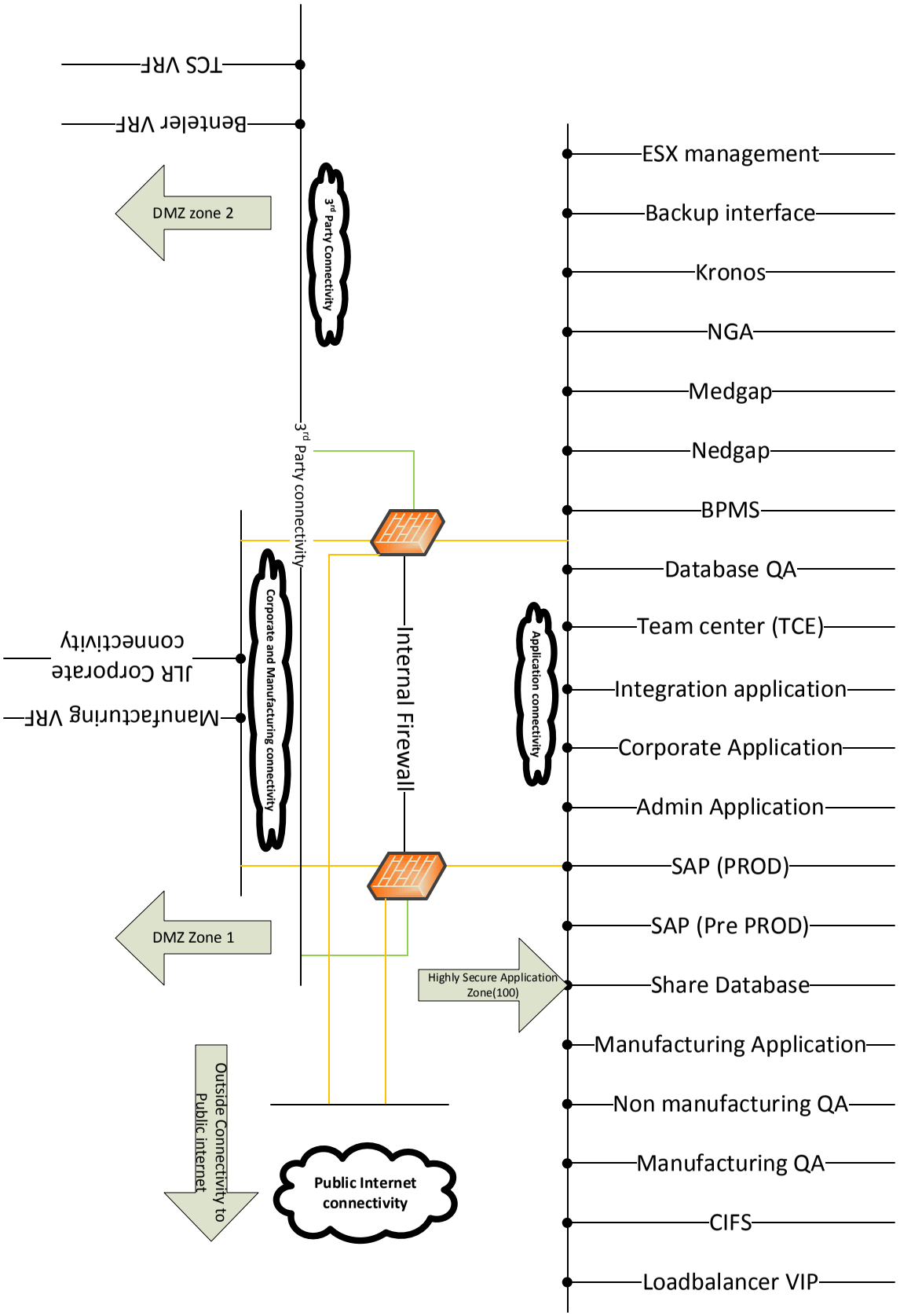

OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
1/48
1/47
1/39
1/3
1/4
1/24
1GE
Keep alive link
Po400
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
peer-keep alive link
Serverfarm Distribution Layer
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
mgmt0
3/48
4/48
3/47
4/47
3/45
3/46
4/46
4/45
Peer-link
Po100
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
10GE
Core Layer
1/2
1/10
1/17
1/25
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
OSPF equal cost routing between Core and Server farm distribution switches
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

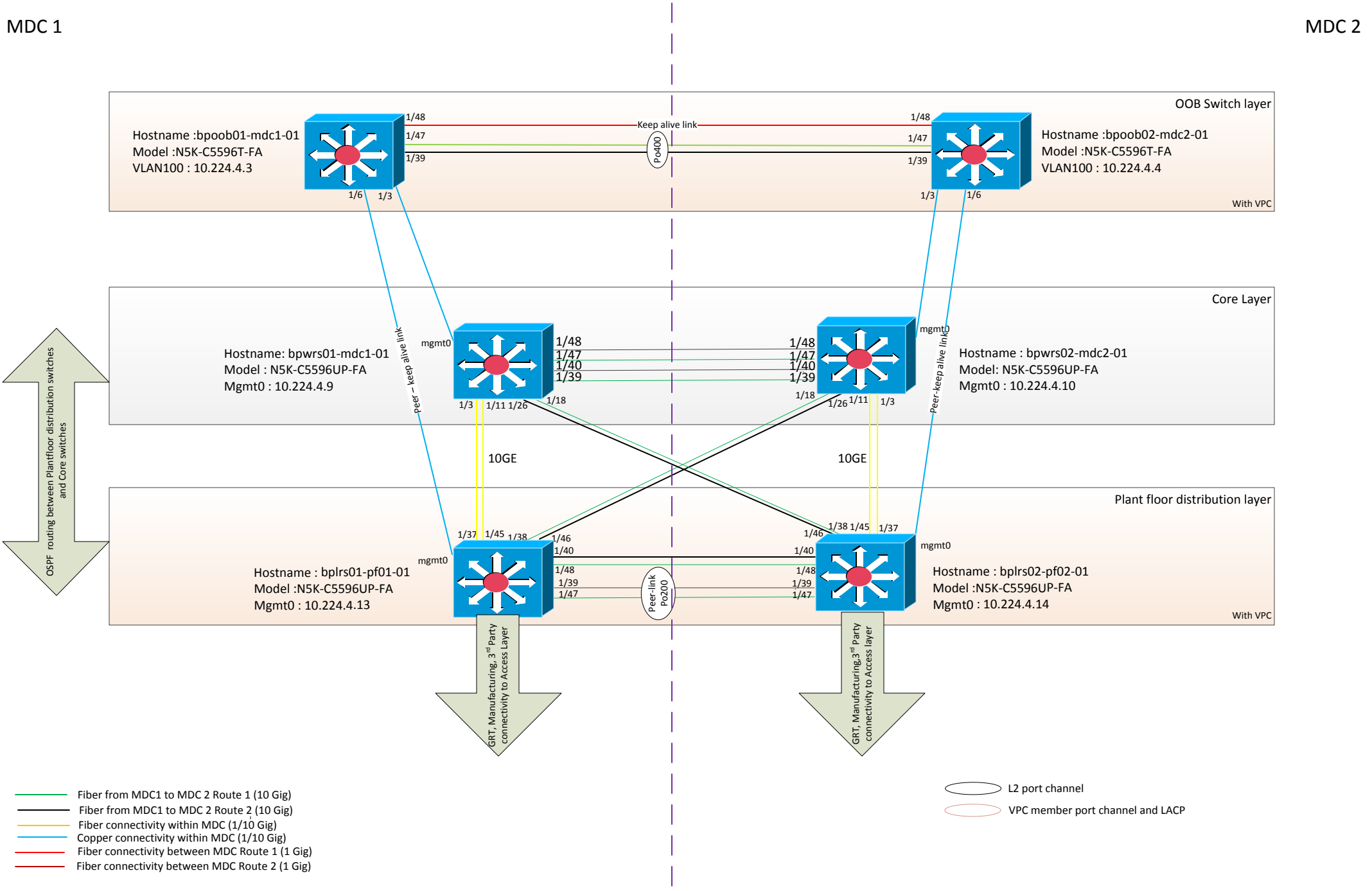

MDC 1
MDC 2
OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Keep alive link
Po400
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
Internal firewall and Loadbalancer
Po406
mgmt0
Hostname : bplfw01-mdc1-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.17
Hostname : bplfw02-mdc2-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.18
Hostname : bpllb01-mdc01-01
Model : F5 2000 S
Mgmt0: 10.224.4.19
Po105
Hostname : bpllb02-mdc02-01
Model : F5 2000 S
Mgmt0: 10.224.4.20
Po106
Po101
Po102
10GE
Static routing and redistribution between Server farm distribution switches and Internal firewall and Loadbalancer
Serverfarm Distribution Layer
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
Peer-link
Po100
With VPC
Connectivity to Core switches for GRT and Manufacturing VRF through static redistribution and OSPF
Connectivity to Core switches for GRT and Manufacturing VRF through static redistribution and OSPF
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

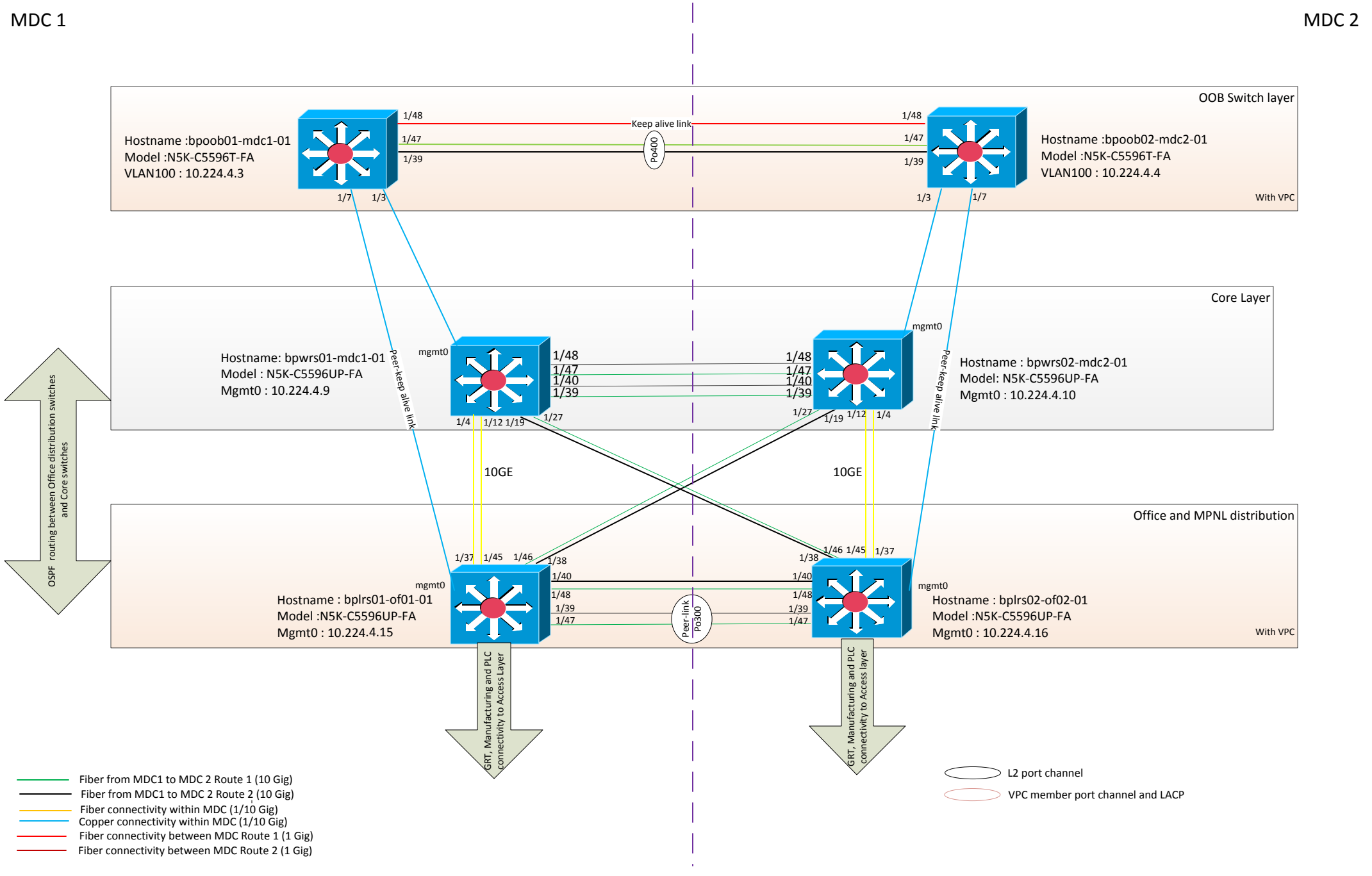
MDC 1

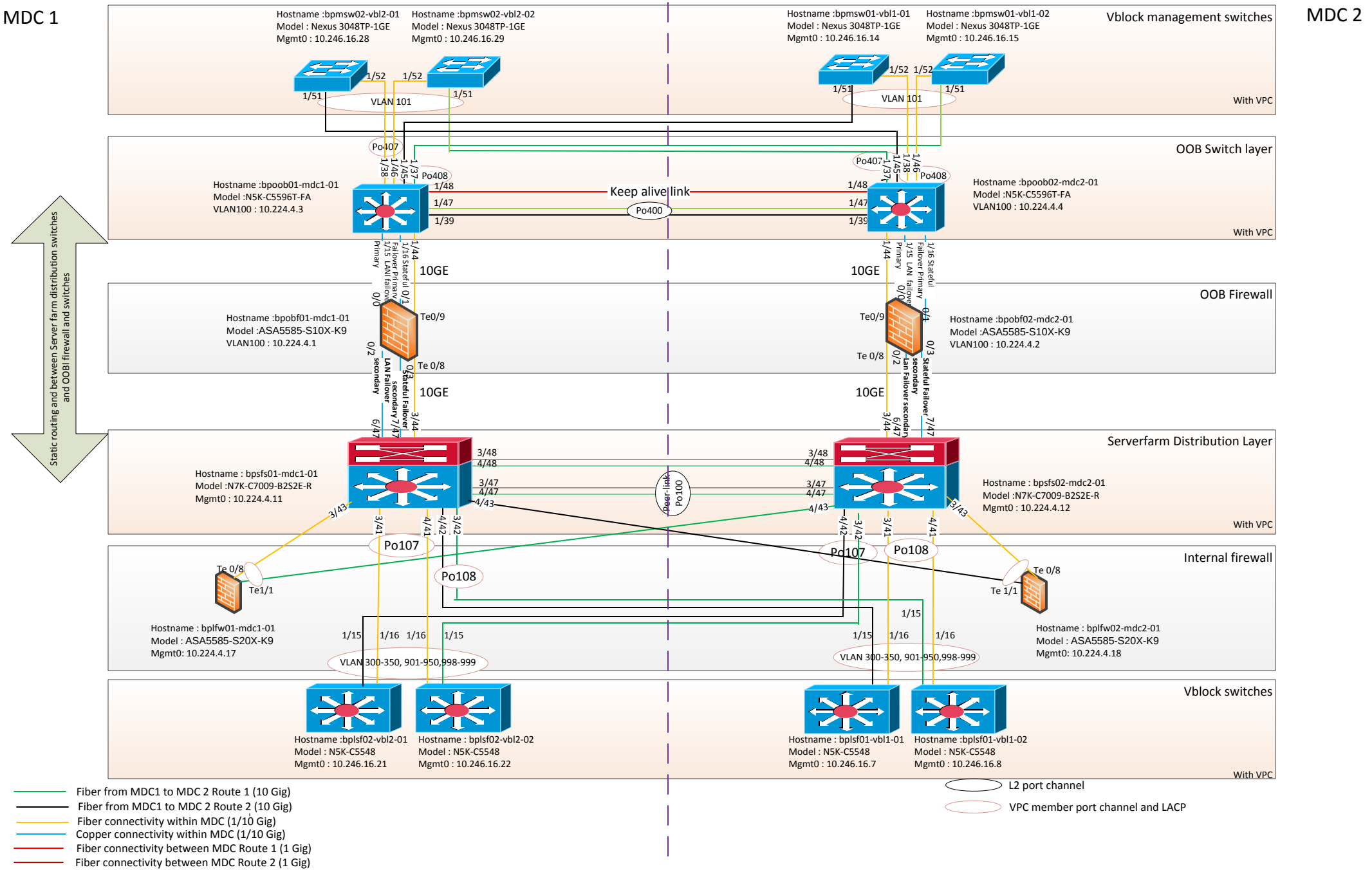
MDC 2

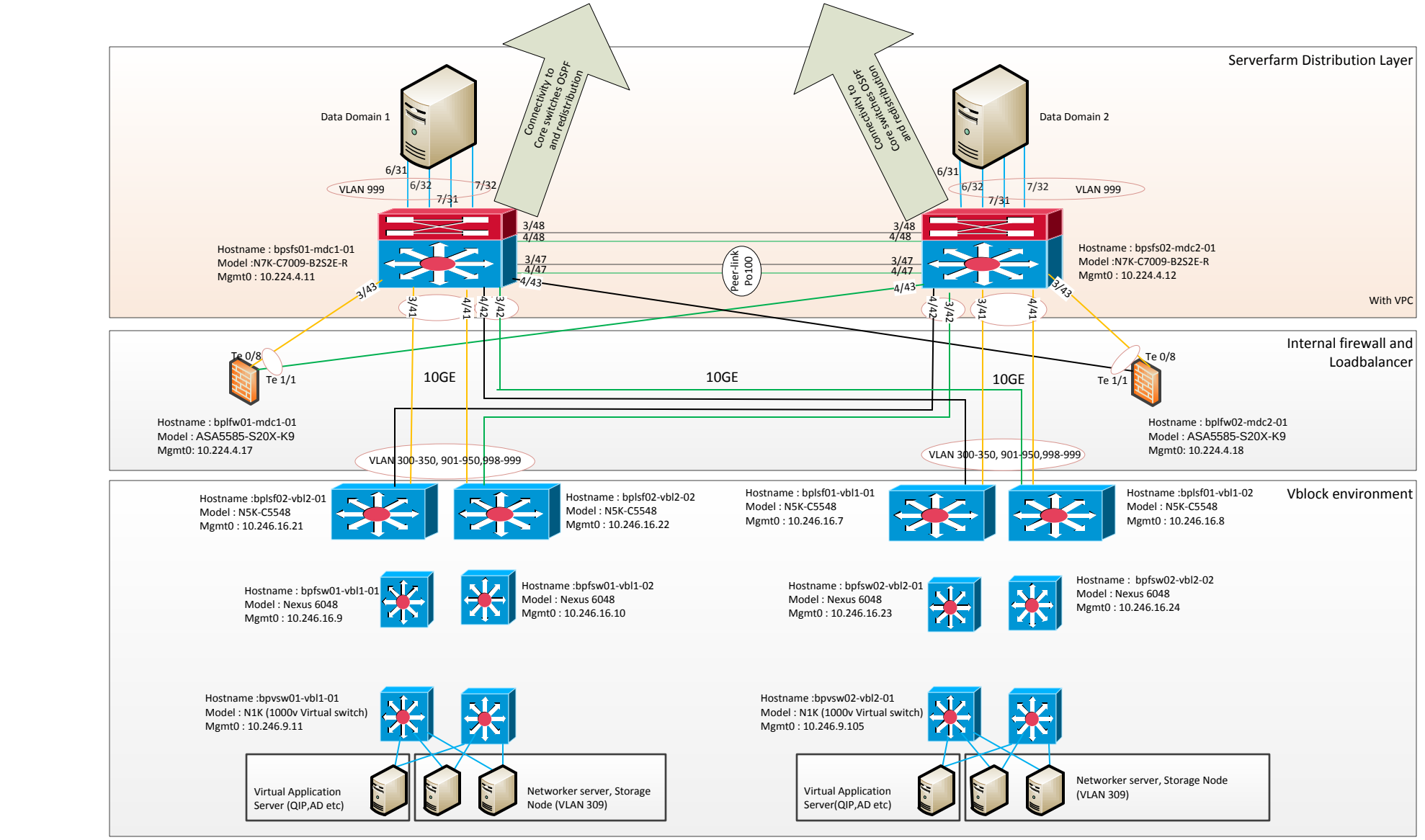

OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
Keep alive link
Po400
With VPC
Internal firewall and Loadbalancer
Hostname : bpllb01-mdc01-01
Model : F5 2000 S
Mgmt0: 10.224.4.19
Hostname : bplfw01-mdc1-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.17
Hostname : bplfw02-mdc2-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.18
Hostname : bpllb02-mdc02-01
Model : F5 2000 S
Mgmt0: 10.224.4.20
Po406
Po105
Po106
Po103
Po104
10GE
Static routing and redistribution between Server farm distribution switches and Internal firewall and Loadbalancer
Serverfarm Distribution Layer
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
Peer-link
Po100
With VPC
Respective Third party VRF connectivity to Core switch through redistribution and OSPF
Respective Third party VRF connectivity to Core switch through redistribution and OSPF
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

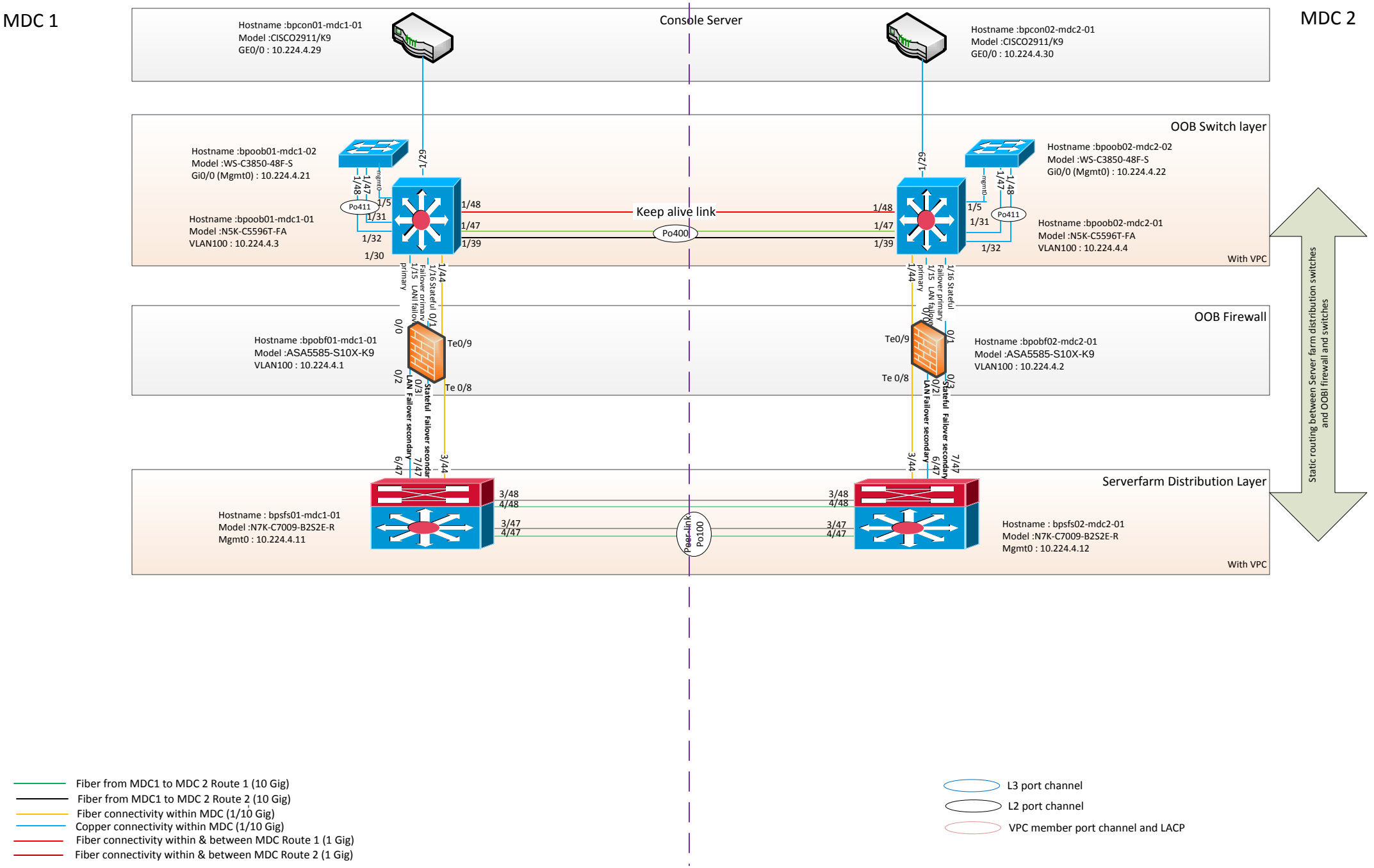

TCS VRF
Bentelel VRF
DMZ zone 2
3rd Party Connectivity
3rd Party connectivity
ESX management
Backup interface
Kronos
NGA
Medgap
Nedgap
BPMS
Database QA
Team center (TCE)
Integration application
Corporate Application
Admin Application
SAP (PROD)
SAP (Pre PROD)
Share Database
Manufacturing Application
Non manufacturing QA
Manufacturing QA
CIFS
Loadbalancer VIP
Application connectivity
Internal Firewall
Corporate and Manufacturing connectivity
JLR Corporate connectivity
Manufacturing VRF
DMZ Zone 1
Highly Secure Application Zone(100)
Outside Connectivity to Public internet
Public Internet connectivity

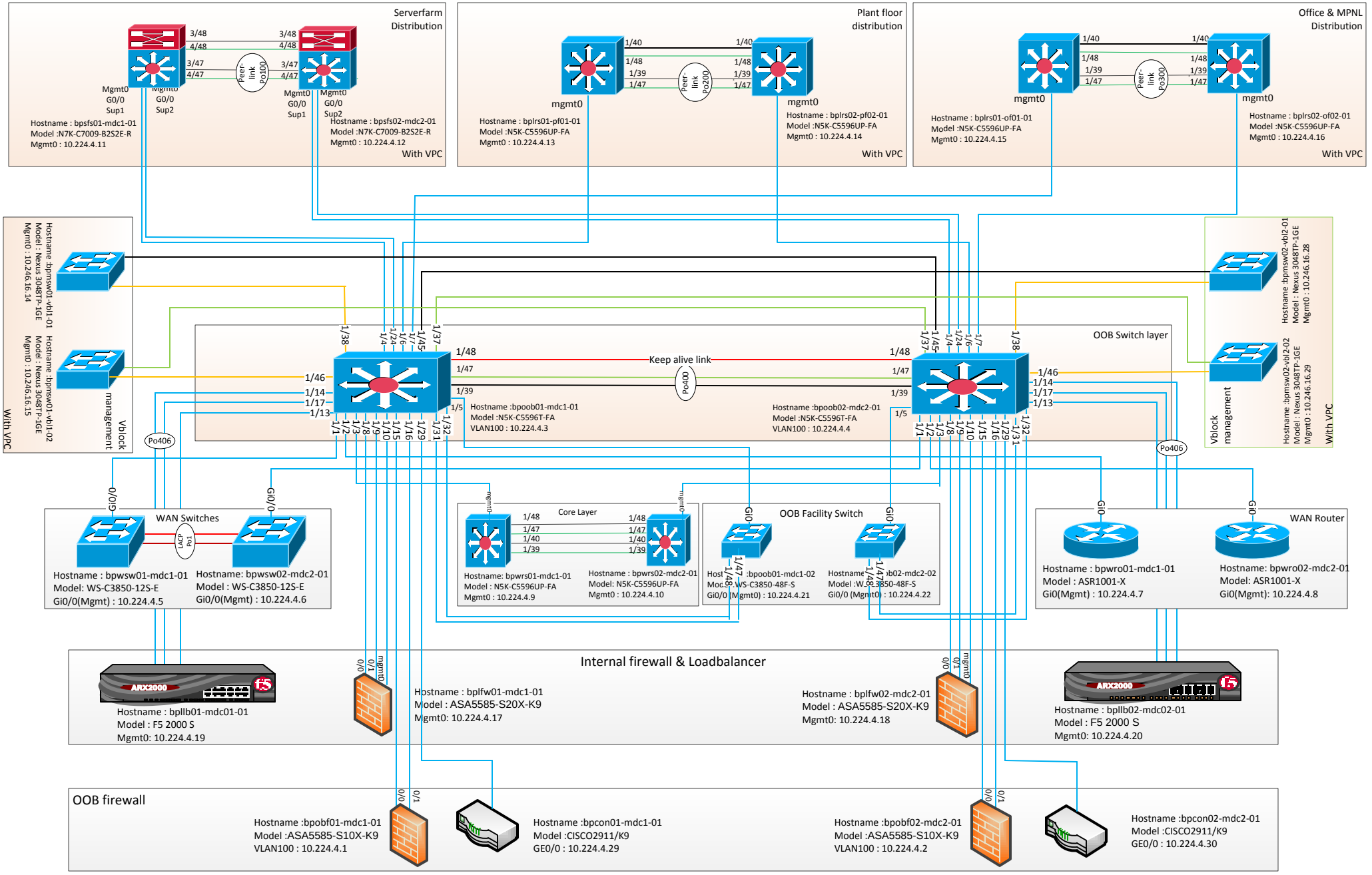

MDC 1
MDC 2
OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Keep alive link
Po400
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
Core Layer
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
peer – keep alive link
Peer-keep alive link
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
10GE
10GE
Plant floor distribution layer
Hostname : bplrs01-pf01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.13
Peer-link
Po200
Hostname : bplrs02-pf02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.14
With VPC
OSPF routing between Plantfloor distribution switches and Core switches
GRT, Manufacturing, 3rd Party connectivity to Access Layer
GRT, Manufacturing,3rd Party connectivity to Access layer
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

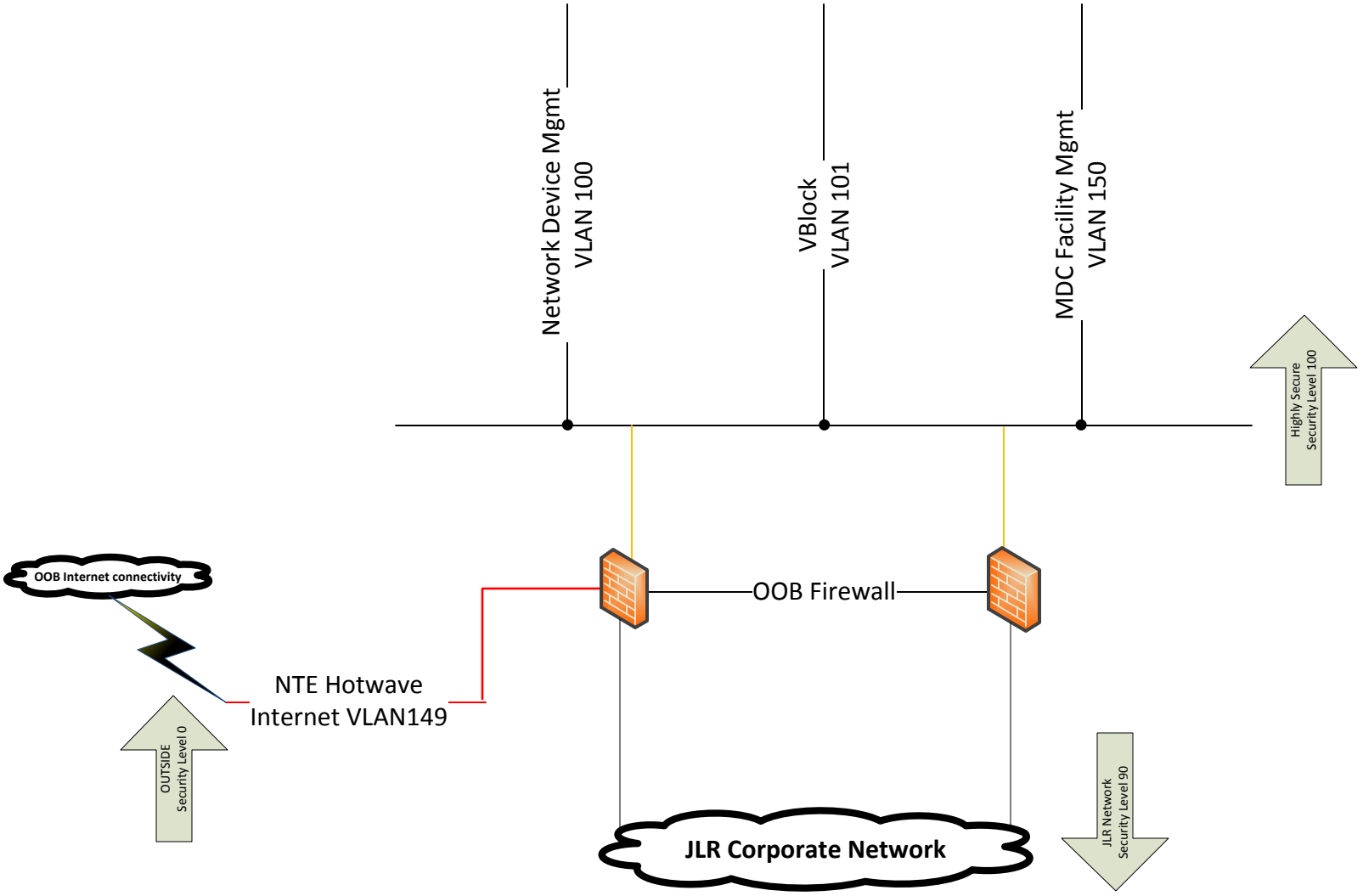

MDC 1
MDC 2
OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
1/48
1/47
1/39
1/7
1/3
Keep alive link
Po400
1/48
1/47
1/39
1/3
1/7
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
Core Layer
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
mgmt0
Peer-keep alive link
1/48
1/47
1/40
1/39
1/4
1/12
1/19
1/27
mgmt0
1/48
1/47
1/40
1/39
1/27
1/19
1/12
1/4
Peer-keep alive link
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
10GE
10GE
OSPF routing between Office distribution switches and Core switches
Office and MPNL distribution
1/37
1/45
1/46
1/38
1/40
1/48
1/39
1/47
mgmt0
Hostname : bplrs01-of01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.15
Peer-link
Po300
1/46
1/45
1/37
1/38
1/40
1/48
1/39
1/47
mgmt0
Hostname : bplrs02-of02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.16
With VPC
GRT, Manufacturing and PLC connectivity to Access Layer
GRT, Manufacturing and PLC connectivity to Access layer
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP

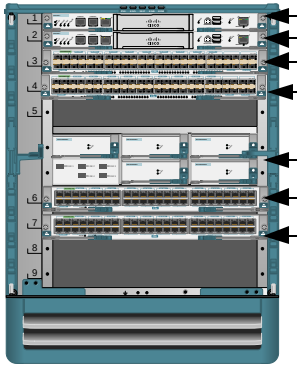

MDC 1
MDC 2
Vblock management switches
Hostname :bpmsw02-vbl2-01
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.28
Hostname :bpmsw02-vbl2-02
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.29
Hostname :bpmsw01-vbl1-01
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.14
Hostname :bpmsw01-vbl1-02
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.15
VLAN 101
With VPC
OOB Switch layer
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Keep alive link
Po400
Po107
Po408
Po407
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
Static routing and between Server farm distribution switches and OOBI firewall and switches
10GE
OOB Firewall
Hostname :bpobf01-mdc1-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.1
Hostname :bpobf02-mdc2-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.2
LAN Failover secondary
Stateful Failover
Serverfarm Distribution Layer
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
Peer-link
Po100
With VPC
Internal firewall
Te 0/8
Te1/1
Te 1/1
Po107
Po108
Hostname : bplfw01-mdc1-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.17
Hostname : bplfw02-mdc2-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.18
VLAN 300-350, 901-950,998-999
Vblock switches
Hostname :bplsf02-vbl2-01
Model : N5K-C5548
Mgmt0 : 10.246.16.21
Hostname : bplsf02-vbl2-02
Model : N5K-C5548
Mgmt0 : 10.246.16.22
Hostname : bplsf01-vbl1-01
Model : N5K-C5548
Mgmt0 : 10.246.16.7
Hostname :bplsf01-vbl1-02
Model : N5K-C5548
Mgmt0 : 10.246.16.8
With VPC
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP


Serverfarm Distribution Layer
Data Domain 1
Data Domain 2
Connectivity to Core switches OSPF and redistribution
Core switches OSPF and redistribution
VLAN 999
6/31
6/32
7/31
7/32
3/48
4/48
3/47
4/47
4/43
3/43
3/41
4/41
4/42
3/42
Peer-link Po100
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
With VPC
Internal firewall and Loadbalancer
Te 0/8
Te 1/1
10GE
Hostname : bplfw01-mdc1-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.17
Hostname : bplfw02-mdc2-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.18
VLAN 300-350, 901-950,998-999
Vblock environment
Hostname :bplsf02-vbl2-01
Model : N5K-C5548
Mgmt0 : 10.246.16.21
Hostname : bplsf02-vbl2-02
Model : N5K-C5548
Mgmt0 : 10.246.16.22
Hostname : bplsf01-vbl1-01
Model : N5K-C5548
Mgmt0 : 10.246.16.7
Hostname :bplsf01-vbl1-02
Model : N5K-C5548
Mgmt0 : 10.246.16.8
Hostname : bpfsw01-vbl1-01
Model : Nexus 6048
Mgmt0 : 10.246.16.9
Hostname :bpfsw01-vbl1-02
Model : Nexus 6048
Mgmt0 : 10.246.16.10
Hostname : bpfsw02-vbl2-01
Model : Nexus 6048
Mgmt0 : 10.246.16.23
Hostname : bpfsw02-vbl2-02
Model : Nexus 6048
Mgmt0 : 10.246.16.24
Hostname :bpvsw01-vbl1-01
Model : N1K (1000v Virtual switch)
Mgmt0 : 10.246.9.11
Hostname :bpvsw02-vbl2-01
Model : N1K (1000v Virtual switch)
Mgmt0 : 10.246.9.105
Virtual Application Server (QIP,AD etc)
Networker server, Storage Node (VLAN 309)
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity between MDC Route 1 (1 Gig)
Fiber connectivity between MDC Route 2 (1 Gig)
L2 port channel
VPC member port channel and LACP


MDC 1
MDC 2
Console Server
Hostname :bpcon01-mdc1-01
Model :CISCO2911/K9
GE0/0 : 10.224.4.29
Hostname :bpcon02-mdc2-01
Model :CISCO2911/K9
GE0/0 : 10.224.4.30
OOB Switch layer
Hostname :bpoob01-mdc1-02
Model :WS-C3850-48F-S
Gi0/0 (Mgmt0) : 10.224.4.21
Hostname :bpoob02-mdc2-02
Model :WS-C3850-48F-S
Gi0/0 (Mgmt0) : 10.224.4.22
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Keep alive link
Po400
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
With VPC
OOB Firewall
Hostname :bpobf01-mdc1-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.1
Hostname :bpobf02-mdc2-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.2
Static routing between Server farm distribution switches and OOBI firewall and switches
Serverfarm Distribution Layer
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Peer-link
Po100
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
With VPC
Fiber from MDC1 to MDC 2 Route 1 (10 Gig)
Fiber from MDC1 to MDC 2 Route 2 (10 Gig)
Fiber connectivity within MDC (1/10 Gig)
Copper connectivity within MDC (1/10 Gig)
Fiber connectivity within & between MDC Route 1 (1 Gig)
Fiber connectivity within & between MDC Route 2 (1 Gig)
L3 port channel
L2 port channel
VPC member port channel and LACP

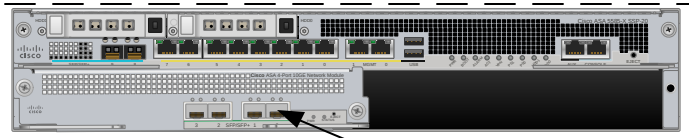

Serverfarm Distribution
Hostname : bpsfs01-mdc1-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.11
Hostname : bpsfs02-mdc2-01
Model :N7K-C7009-B2S2E-R
Mgmt0 : 10.224.4.12
With VPC
Plant floor distribution
Hostname : bplrs01-pf01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.13
Hostname : bplrs02-pf02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.14
With VPC
Office & MPNL Distribution
Hostname : bplrs01-of01-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.15
Hostname : bplrs02-of02-01
Model :N5K-C5596UP-FA
Mgmt0 : 10.224.4.16
With VPC
Keep alive link
Hostname :bpoob01-mdc1-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.3
Hostname :bpoob02-mdc2-01
Model :N5K-C5596T-FA
VLAN100 : 10.224.4.4
OOB Switch layer
Hostname : bpmsw01-vbl1-01
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.14
Hostname : bpmsw01-vbl1-02
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.15
With VPC
Vblock management
Hostname :bpmsw02-vbl2-01
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.28
Hostname :bpmsw02-vbl2-02
Model : Nexus 3048TP-1GE
Mgmt0 : 10.246.16.29
With VPC
WAN Switches
Hostname : bpwsw01-mdc1-01
Model: WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.5
Hostname: bpwsw02-mdc2-01
Model : WS-C3850-12S-E
Gi0/0(Mgmt) : 10.224.4.6
Core Layer
Hostname: bpwrs01-mdc1-01
Model : N5K-C5596UP-FA
Mgmt0 : 10.224.4.9
Hostname : bpwrs02-mdc2-01
Model: N5K-C5596UP-FA
Mgmt0 : 10.224.4.10
OOB Facility Switch
Hostname :bpoob01-mdc1-02
Model :WS-C3850-48F-S
Gi0/0 (Mgmt0) : 10.224.4.21
Hostname :bpoob02-mdc2-02
Model :WS-C3850-48F-S
Gi0/0 (Mgmt0) : 10.224.4.22
WAN Router
Hostname : bpwro01-mdc1-01
Model : ASR1001-X
Gi0(Mgmt) : 10.224.4.7
Hostname: bpwro02-mdc2-01
Model: ASR1001-X
Gi0(Mgmt): 10.224.4.8
Internal firewall & Loadbalancer
Hostname : bpllb01-mdc01-01
Model : F5 2000 S
Mgmt0: 10.224.4.19
Hostname : bplfw01-mdc1-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.17
Hostname : bplfw02-mdc2-01
Model : ASA5585-S20X-K9
Mgmt0: 10.224.4.18
Hostname : bpllb02-mdc02-01
Model : F5 2000 S
Mgmt0: 10.224.4.20
OOB firewall
Hostname :bpobf01-mdc1-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.1
Hostname :bpcon01-mdc1-01
Model :CISCO2911/K9
GE0/0 : 10.224.4.29
Hostname :bpobf02-mdc2-01
Model :ASA5585-S10X-K9
VLAN100 : 10.224.4.2
Hostname :bpcon02-mdc2-01
Model :CISCO2911/K9
GE0/0 : 10.224.4.30


Network Device Mgmt
VLAN 100
VBlock
VLAN 101
MDC Facility Mgmt
VLAN 150
Highly Secure
Security Level 100
OOB Internet connectivity
OOB Firewall
NTE Hotwave
Internet VLAN149
OUTSIDE
Security Level 0
JLR Corporate Network
JLR Network
Security Level 90



Module 1 : Primary Super visor engine N7K-SUP2E
Module 2 : Secondary Super visor engine N7K-SUP2E
Module 3 : Fiber module N7K-F248XP-25E=
Module 4 : Fiber module N7K-F248XP-25E=
5 Fabric module N7K-C7009-FAB-2
Module 6 : Copper Module N7K-F248XT-25E-P1=
Module 7 : Copper Module N7K-F248XT-25E-P1=

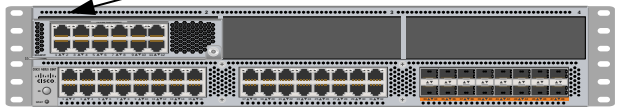
Serverfarm Distribution Siwtch



Module : Fiber module ASA5585-NM-4-10GE=

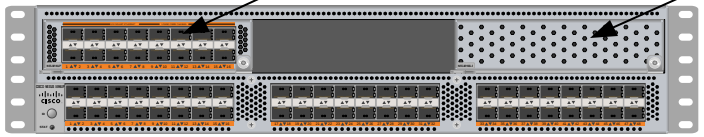
Internal firewall

Module : Copper Module N55-M12T=



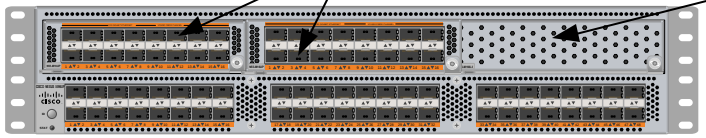
OOB Switch

Module : Fiber Module N55-M16UP=
Layer 3 module : N55-M160L3-V2=



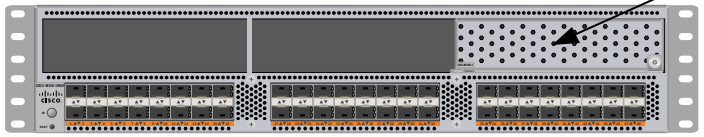
T&F Distribution switches

Module : Fiber Module N55-M16UP=
Layer 3 module : N55-M160L3-V2=



MP&L and Office distribution switches.

Layer 3 module : N55-M160L3-V2=



Core Switch