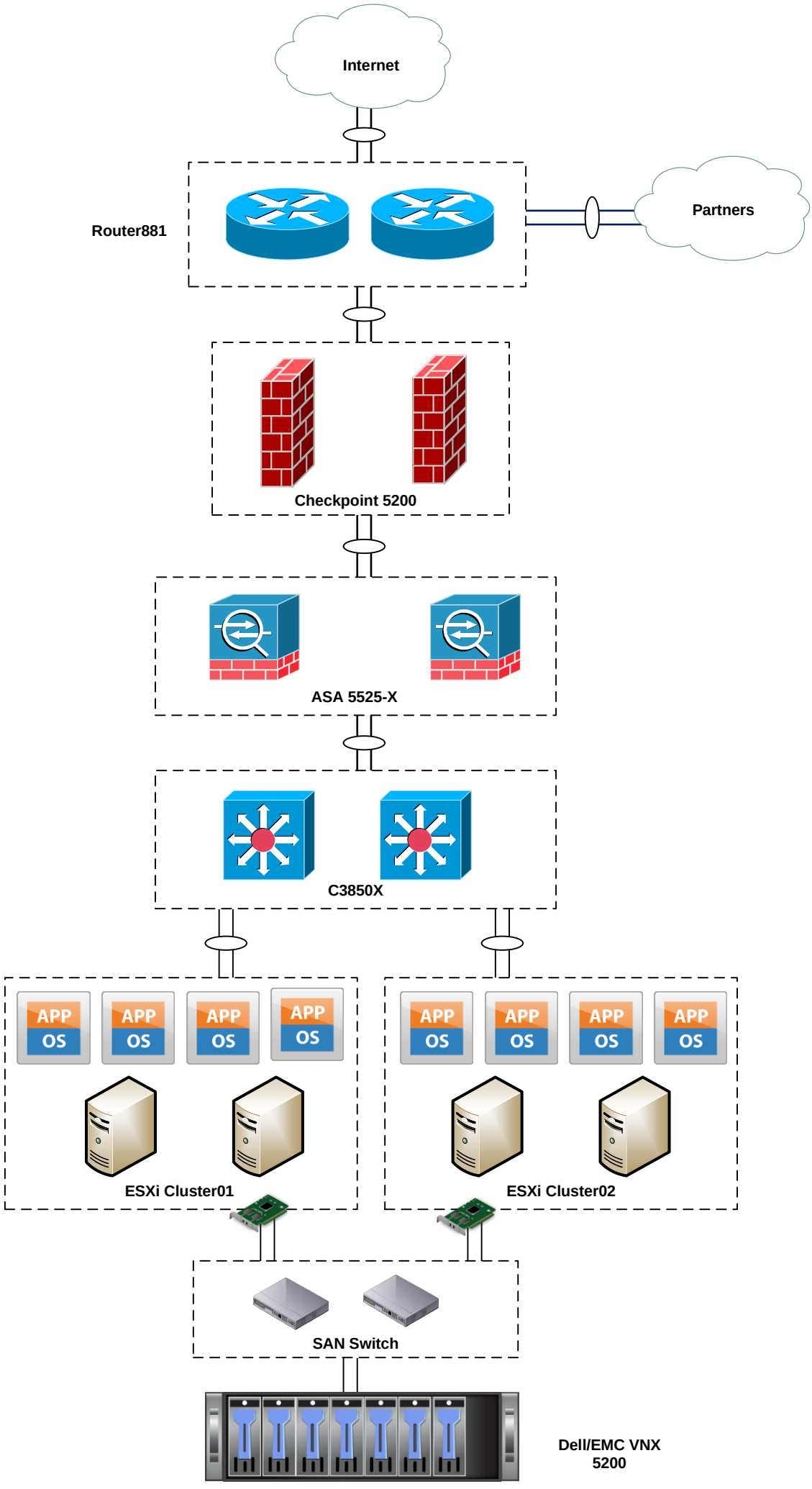
CÔNG TY PPC

PHÒNG IT

THIẾT KẾ HẠ TẦNG CHO E-WALLET SYSTEM

- Range IP front 103.39.92.156/30 ---- IP front: 103.39.92.158
- Range ip route: 103.39.95.160/27 đã được quảng bá qua ip front 103.39.92.158

Designed by: Huynh Quoc Buu	Checked by:	Approved by: Pham Phan Tien Thuc	Date:
E-WALLET INFRASTRUCTURE			**Cover Page**
			Version: 1.1



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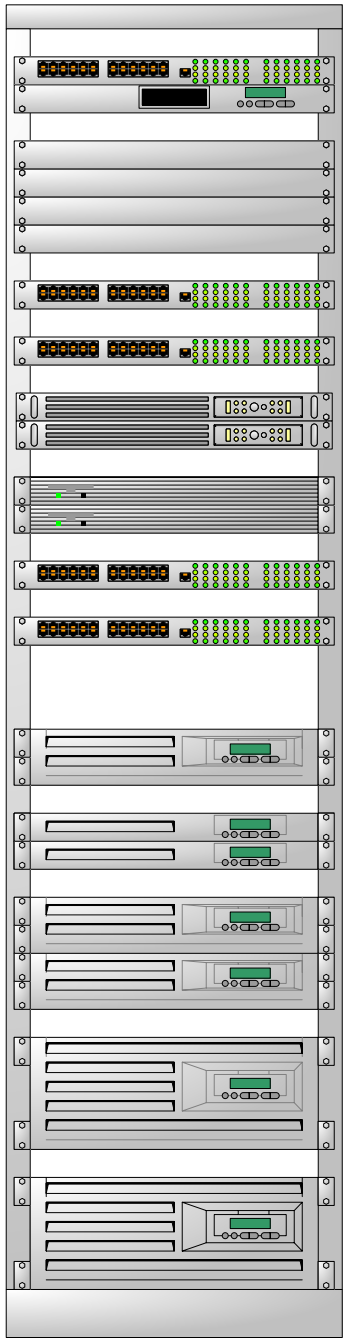
E-WALLET INFRASTRUCTURE			OVER VIEW
			Version: 1.1



1 U	FPTSW	
1 U	Router881	Cisco 881
1 U	SanSW-1	Chưa có
1 U	SanSW-2	Chưa có
1 U	Router-1	Chưa có
1 U	Router-2	Chưa có
1 U	OutsideSW-1	SW Cisco 2960
1 U	OutsideSW-2	SW Cisco 2960
1 U	ExternalFW-1	Checkpoint 5200
1 U	ExternalFW-2	Checkpoint 5200
1 U	InsideFW-1	ASA 5525
1 U	InsideFW-2	ASA 5525
1 U	CoreSW1	SW Cisco 3850
1 U	CoreSW2	SW Cisco 3850
2 U	SAN-1	EMC VNX3200
1 U	IDS-LOG	HP DL60
1 U	vCenter	HP DL60
2 U	ESX-4	DELL R730
2 U	ESX-3	DELL R730
4 U	ESX-2	DELL R930
4 U	ESX-1	DELL R730

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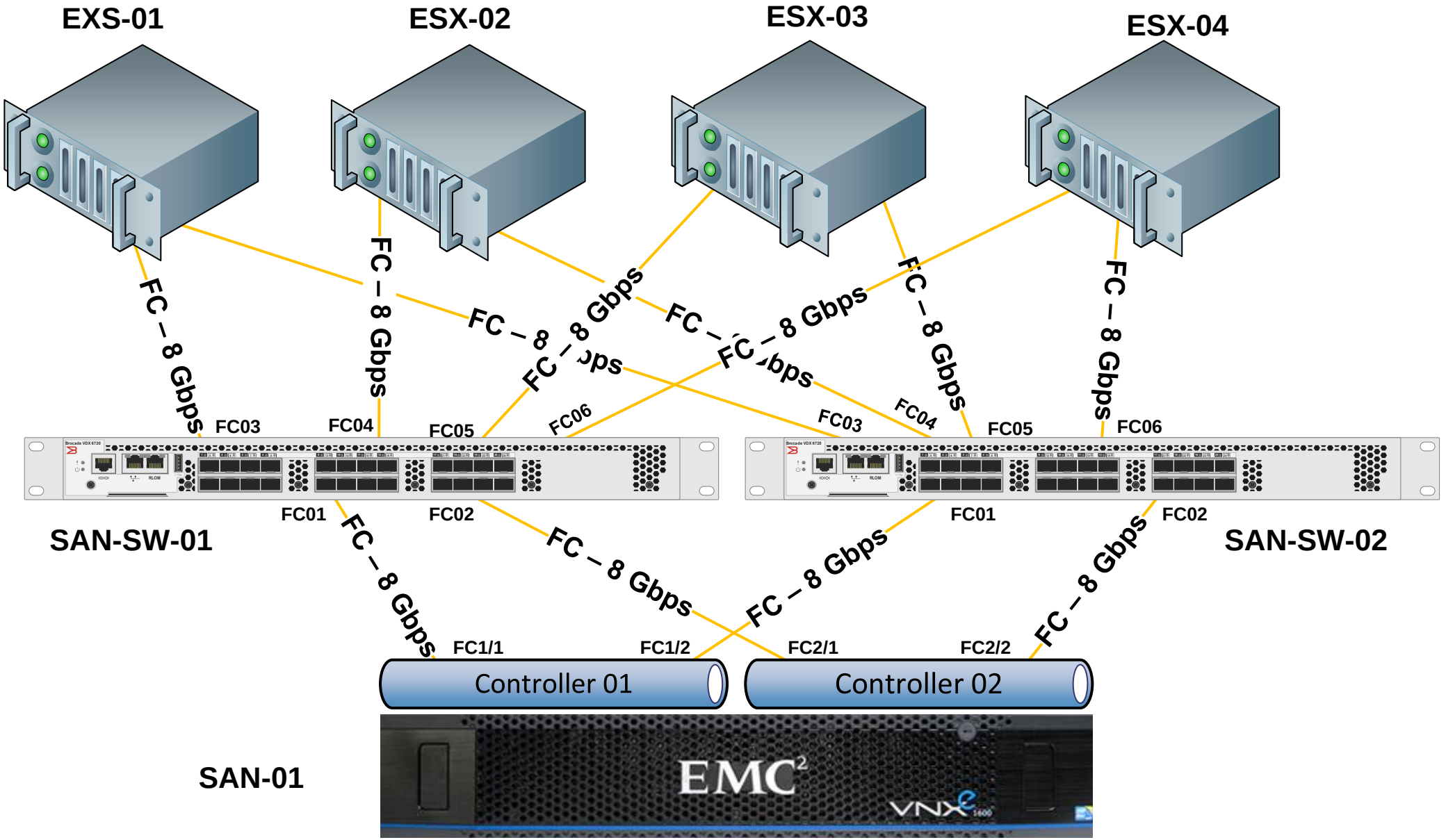
E-WALLET INFRASTRUCTURE			**RACK MOUNT**
			Version: 1.1



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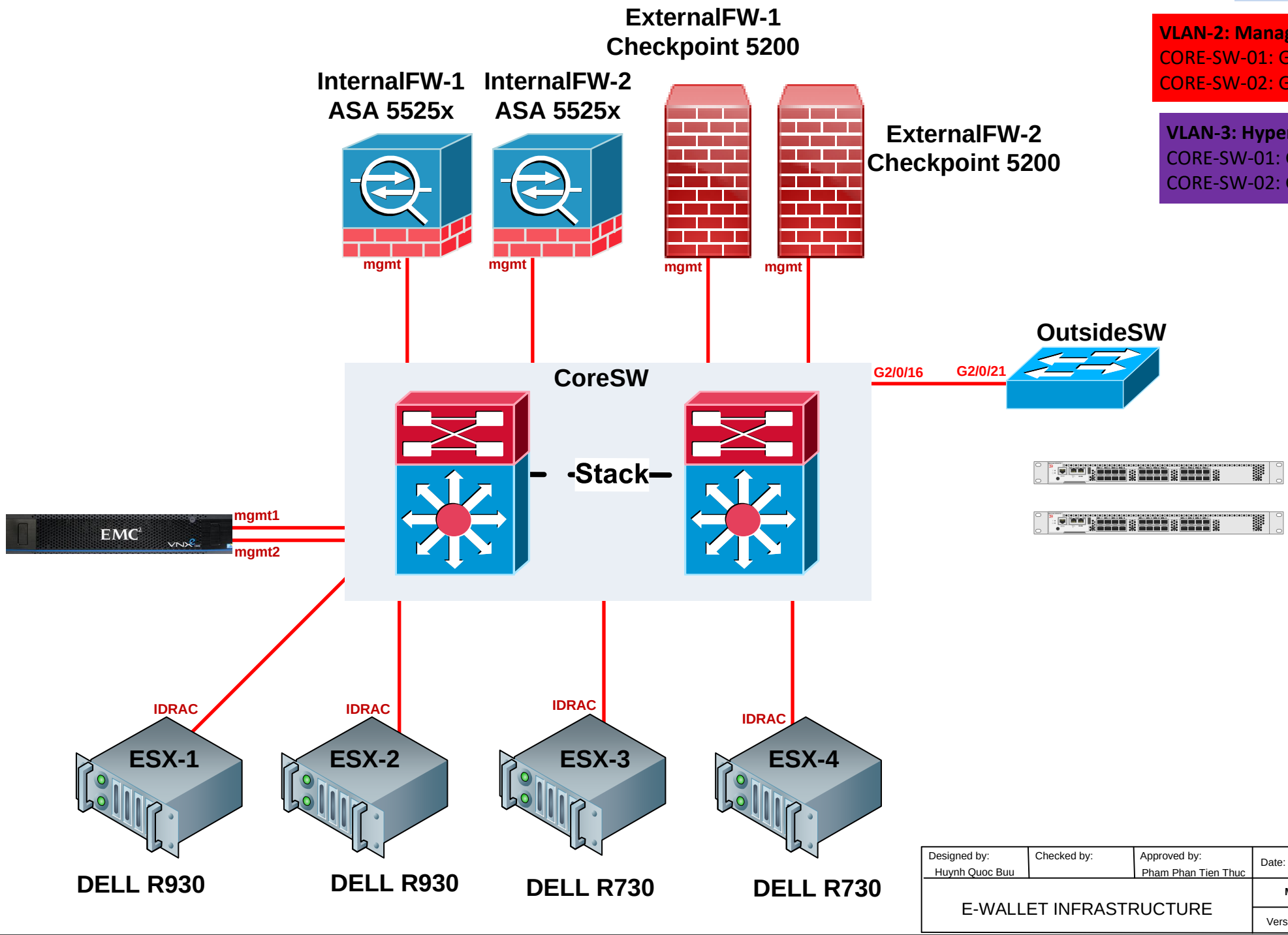
E-WALLET INFRASTRUCTURE			SAN CONNECT
			Version: 1.1

Mirror port
CORE-SW-01: G0/24
CORE-SW-02: G0/24

VLAN-2: Management
CORE-SW-01: G0/16-G0/23
CORE-SW-02: G0/16-G0/23

VLAN-3: Hypervisor
CORE-SW-01: G0/13-G0/15
CORE-SW-02: G0/13-G0/15



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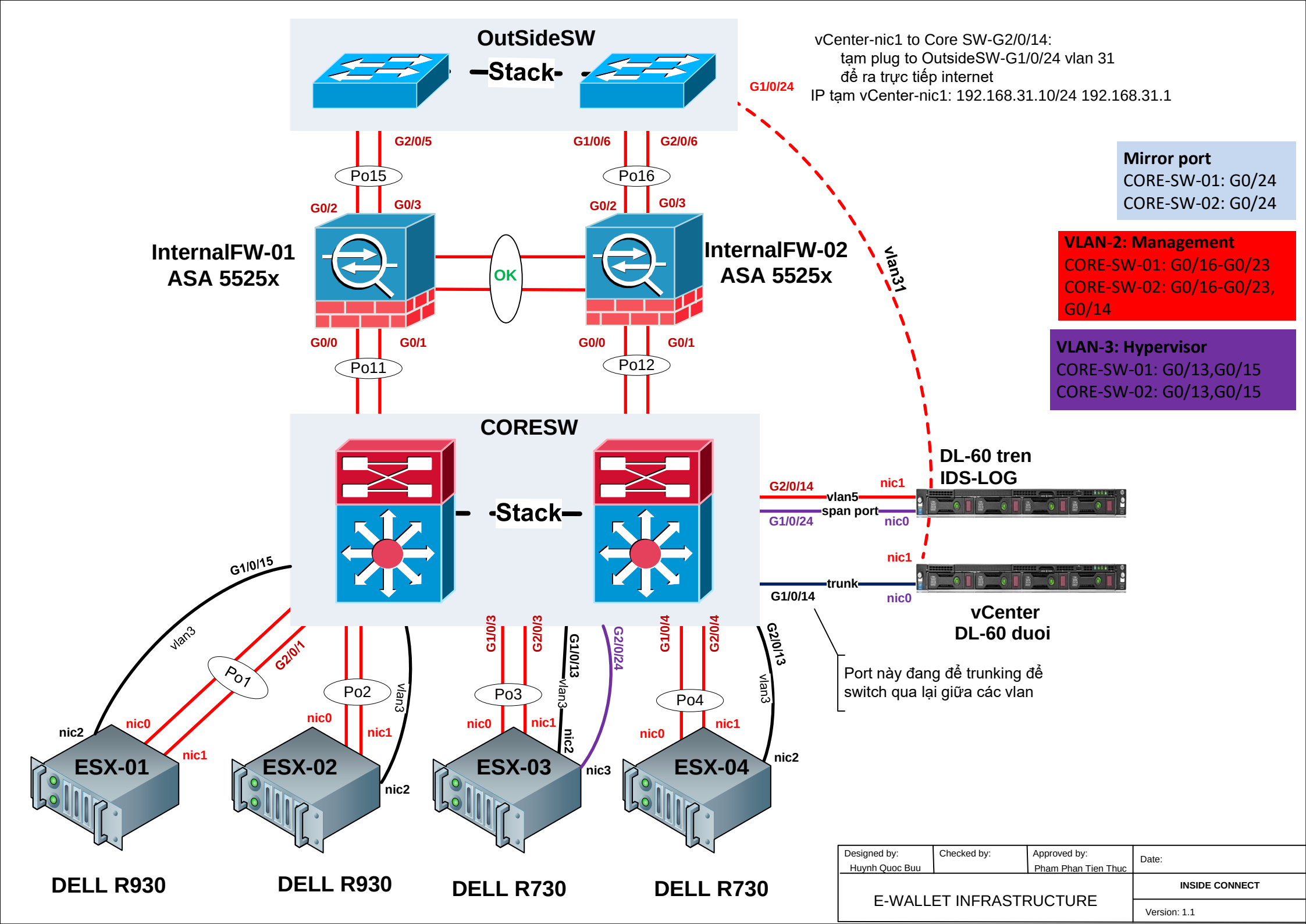
E-WALLET INFRASTRUCTURE			MANAGEMENT CONNECT
			Version: 1.1


OutSideSW
Stack
G1/0/24
vCenter-nic1 to Core SW-G2/0/14:
tạm plug to OutsideSW-G1/0/24 vlan 31
để ra trực tiếp internet
IP tạm vCenter-nic1: 192.168.31.10/24 192.168.31.1
Mirror port
CORE-SW-01: G0/24
CORE-SW-02: G0/24
VLAN-2: Management
CORE-SW-01: G0/16-G0/23
CORE-SW-02: G0/16-G0/23, G0/14
VLAN-3: Hypervisor
CORE-SW-01: G0/13,G0/15
CORE-SW-02: G0/13,G0/15
G2/0/5
G1/0/6
G2/0/6
Po15
Po16
G0/2
G0/3
G0/2
G0/3
InternalFW-01
ASA 5525x
OK
InternalFW-02
ASA 5525x
vlan31
G0/0
G0/1
G0/0
G0/1
Po11
Po12
CORESW
Stack
DL-60 tren
IDS-LOG
G2/0/14
vlan5
nic1
G1/0/24
span port
nic0
nic1
trunk
G1/0/14
nic0
vCenter
DL-60 duoi
Port này đang để trunking để
switch qua lại giữa các vlan
G1/0/15
vlan3
Po1
G2/0/1
Po2
vlan3
G1/0/3
G2/0/3
G1/0/13
G2/0/24
Po3
vlan3
G1/0/4
G2/0/4
G2/0/13
Po4
vlan3
nic2
nic0
nic1
nic0
nic1
nic0
nic1
nic2
nic0
nic1
nic2
nic3
nic2
ESX-01
ESX-02
ESX-03
ESX-04
DELL R930
DELL R930
DELL R730
DELL R730
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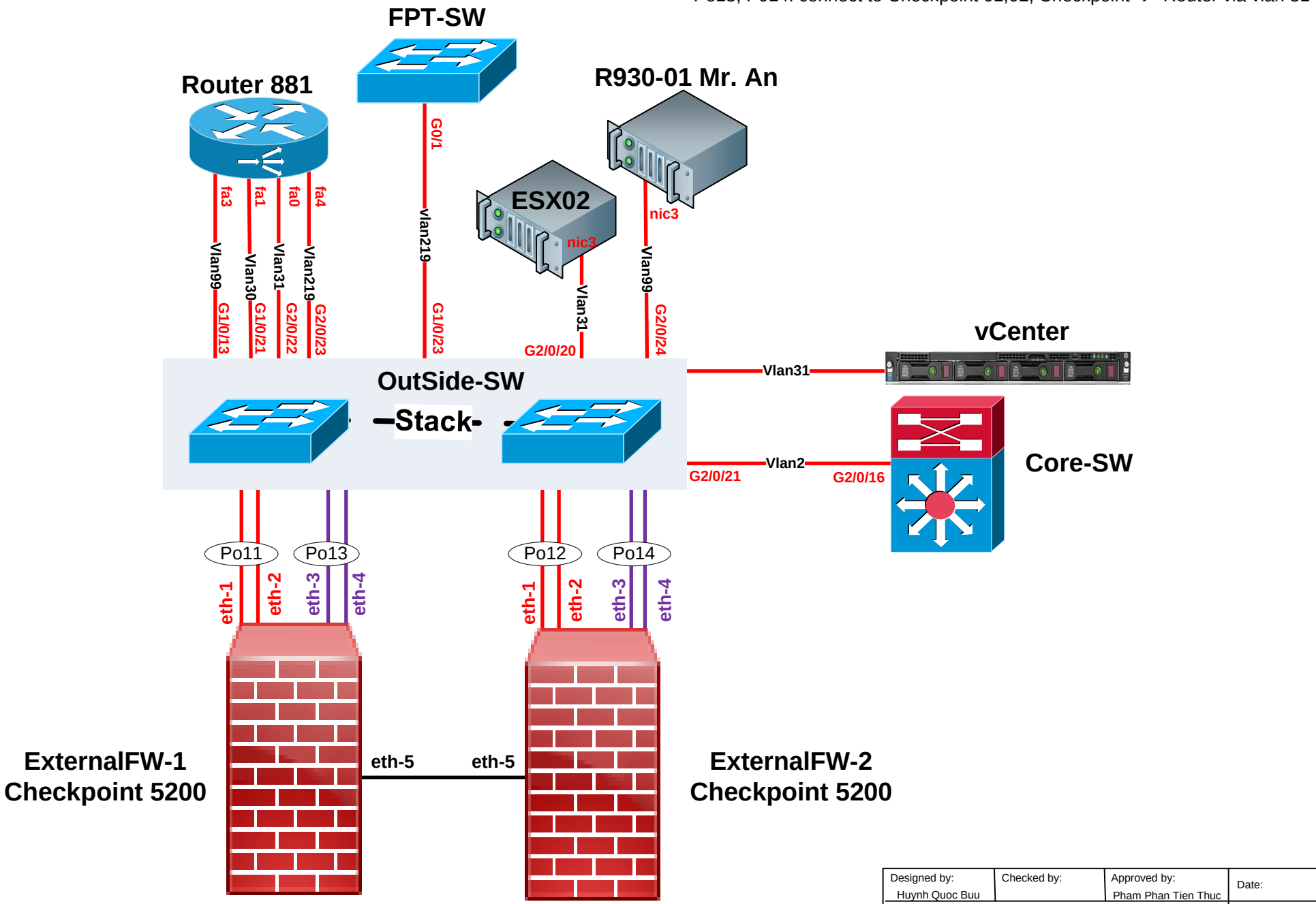
Approved by:
Pham Phan Tien Thuc
Date:
E-WALLET INFRASTRUCTURE
INSIDE CONNECT
Version: 1.1

Po11, P012: connect to Checkpoint 01,02; Checkpoint → ASA via vlan 30
Po15, Po16: connect to ASA 01, 02; ASA → Checkpoint via vlan 30
Po13, P014: connect to Checkpoint 01,02; Checkpoint → Router via vlan 31



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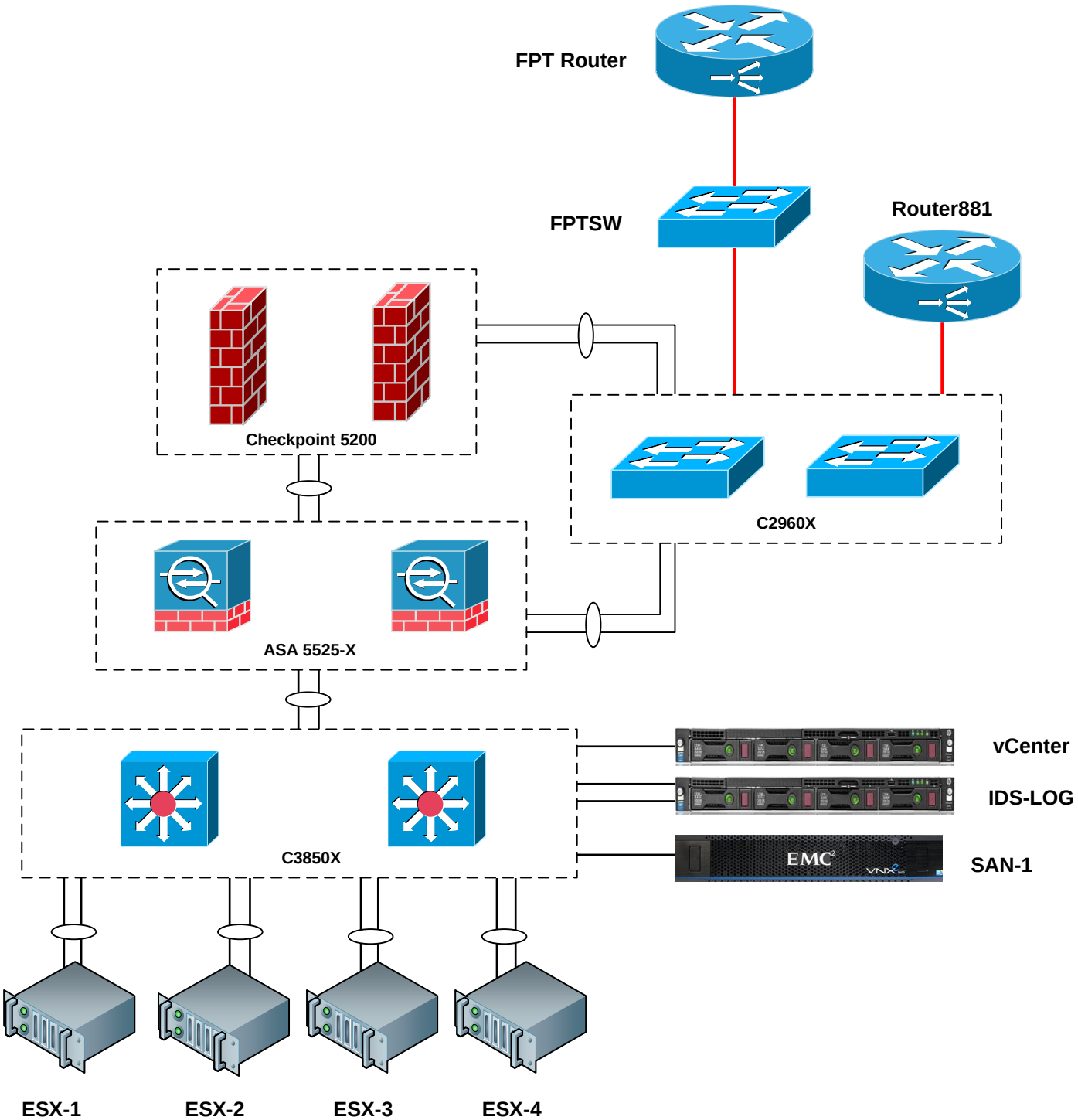
E-WALLET INFRASTRUCTURE			OUTSIDE CONNECT
			Version: 1.1



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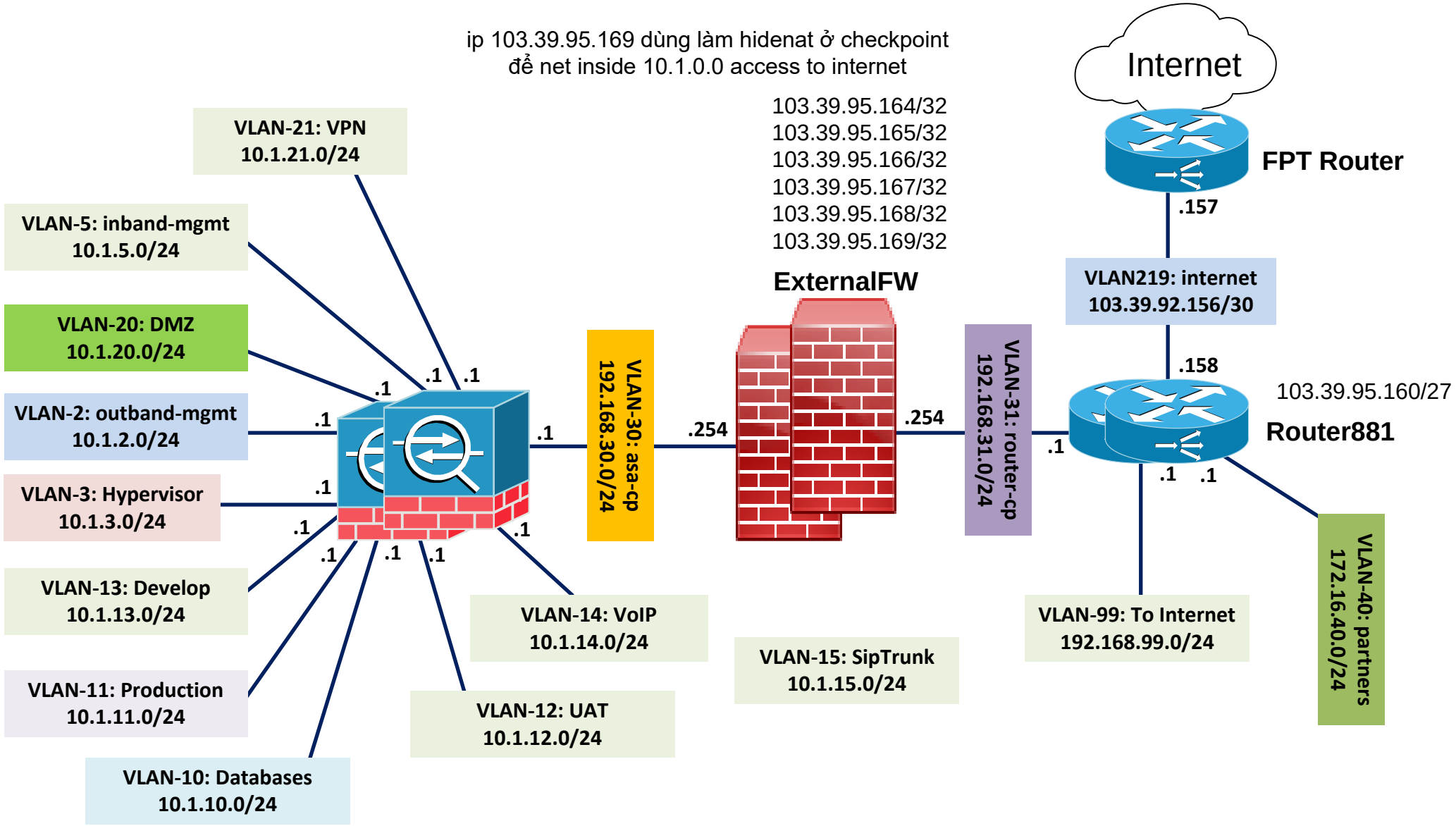
E-WALLET INFRASTRUCTURE			LAYER 2 CONNECT
			Version: 1.1



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E-WALLET INFRASTRUCTURE			LAYER 3 CONNECT
			Version: 1.1