



ສໍານັກງານໃຫຍ່

ເລກທີ: 010 /ທຄຕລ.2020.....

ນະຄອນຫຼວງວຽງຈັນ, ວັນທີ: 28 JAN 2020.....

ຫ້າງສີແຈ້ງເຊີນ

ເຖິງ : ບັນດາບໍລິສັດ ຫ້າງຮ້ານຕົວແທນຈໍາຫນ່າຍອຸປະກອນໄອທີ ຢູ່ໃນນະຄອນຫລວງວຽງຈັນ.

ເລື່ອງ : ແຈ້ງເຊີນເຂົ້າຮ່ວມຢືນຊອງປະມຸນລາຄາເຄື່ອງໄອທີ (ອຸປະກອນເຄືອຂ່າຍ ແລະ ຄວາມປອດໄພ).

ທະນາຄານການຄ້າຕ່າງປະເທດລາວ ມະຫາຊົນ ຂໍຖືເປັນກຽດແຈ້ງເຊີນມາຍັງທ່ານ ເພື່ອຢືນຊອງເຂົ້າຮ່ວມ
ປະມຸນເຄື່ອງອຸປະກອນໄອທີ (ອຸປະກອນເຄືອຂ່າຍ ແລະ ຄວາມປອດໄພ) ດັ່ງມີລາຍລະອຽດຂ້າງລຸ່ມນີ້:

ໂຄງການ 01: ຄວາມຕ້ອງການອຸປະກອນ Firewall ຍີ່ Fortinet.

ລຳດັບ	ອຸປະກອນ	ລາຍລະອຽດ	ຈຳນວນ
01	ອຸປະກອນ Firewall ຈຳນວນ 04 ໜ່ວຍ (Data center 02 Units & DR Site 02 Units)		
1.1	FortiGate 2201E (FG-2201E)	4x 40 GE QSFP+ slots, 20x 25 GE SFP28 slots (including 18x ports, 2x HA ports), 14x GE RJ45 ports (including 12x ports, 2x management ports), SPU NP6 and CP9 hardware accelerated, and dual AC power supplies, with 2x 1 TB SSD onboard storage.	04
1.2	10 GE SFP+ Transceiver Module, Short Range (FG-TRAN-SFP+SR)	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots	24
1.3	Rack Mount Sliding Rails (SP-FG3040B-RAIL)	Rack mount sliding rails for FG-2200E/2201E	Included
1.4	Redundant Power Supplies (SP-FG3800D-PS)	AC power supply for FG-2200/2201E	Included
1.5	MA & Subscription For	24x7 Comprehensive Support, Hardware Replacement	3 Years

	License: Advanced Threat Protection (24x7 FortiCare plus Application Control, IPS, AV and FortiSandbox Cloud).	,Firmware and General Upgrades, VPN, Traffic Management, Advanced Threat Protection Bundle (Application Control, IPS, AV and FortiSandbox Cloud).	
1.6	FortiGuard Security Rating Service	Identifies security fabric configuration weaknesses, provides ranking against industry peers, and automates best practice recommendation.	3 Years
02	ឧបករណ៍ Firewall ចំនួន 02 ឯកត្ត (Internet User)		
2.1	FortiGate 1101E (FG-1101E)	2x 40 GE QSFP+ slots, 4x 25 GE SFP28 slots, 4x 10 GE SFP+ slots, 8x GE SFP slots, 18x GE RJ45 ports (including 16x ports, 2x management/HA ports) SPU NP6 and CP9 hardware accelerated, 960 GB SSD onboard storage, and 2 AC power supplies.	02
2.2	10 GE SFP+ Transceiver Module, Short Range (FG-TRAN-SFP+SR)	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots	12
2.3	Rack Mount Sliding Rails (SP-FG3040B-RAIL)	Rack mount sliding rails for FG-1100/1101E	Included
2.4	Redundant Power Supplies (SP-FG300E-PS)	AC power supply for FG-1100/1101E	Included
2.5	MA & Subscription For License: Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering, Antispam, FortiSandbox Cloud Services) .	24x7 Comprehensive Support, Hardware Replacement, Firmware and General Upgrades, VPN, Traffic Management, UTM Services Bundle (Application Control, IPS, AV, Botnet IP/Domain, Mobile Malware Service, Web Filtering, Antispam, FortiSandbox Cloud including Virus Outbreak and Content Disarm & Reconstruct Services).	3 Years
2.6	Installation & Training		Included
03	ឧបករណ៍ Firewall ចំនួន 02 ឯកត្ត (SD-WAN)		

3.1	FortiGate 401E (FG-401E)	18x GE RJ45 ports (including 1x MGMT port, 1x HA port, 16x switch ports), 16x GE SFP slots, SPU NP6 and CP9 hardware accelerated, 2x 240 GB onboard SSD storage.	02
3.2	1 GE SFP SX Transceiver Module (FG-TRAN-SX)	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots	12
3.3	Rack Mount Sliding Rails (SP-FG3040B-RAIL)	Rack mount sliding rails for FG-1100/1101E	Included
3.4	Redundant Power Supplies (SP-FG300E-PS)	AC power supply for FG-1100/1101E	Included
3.5	MA & Subscription For License: Advanced Threat Protection (24x7 FortiCare plus Application Control, IPS, AV and FortiSandbox Cloud)	24x7 Comprehensive Support, Hardware Replacement, Firmware and General Upgrades, VPN, Traffic Management, Advanced Threat Protection Bundle (Application Control, IPS, AV and FortiSandbox Cloud)	3 Years
3.6	Installation & Training		Included

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04	ឧបករណ៍ FortiAnalyzer VM ទំហំ 01 ឯកត្យ (Log and Report)		
4.1	FortiAnalyzer-VM	Base license for stackable FortiAnalyzer-VM; 1 GB/Day of Logs and 500 GB storage capacity. Unlimited GB/Day when used in collector mode only. Designed for all supported FortiAnalyzer-VM virtual appliance platforms.	1
4.2	FortiAnalyzer-VM-GB25	Upgrade license for adding 25 GB/Day of Logs and 10 TB storage capacity.	1
4.3	FortiAnalyzer-VM Support	24x7 FortiCare Contract (for 1-26 GB Logs/Day)	3 Years
4.4	Installation & Training		Included

ໂຄງການ 02: ຄວາມຕ້ອງການ Cisco

ລຳດັບ	ອຸປະກອນ	ເງື່ອນໄຂກ່ຽວກັບສະເປັກເຄື່ອງ	ຈຳນວນ
01	Cisco Switch 01 ຊຸດ (ສຳລັບ DR Site)		
	N77-C7706	Nexus 7700 6 Slot Chassis, No Power Supplies, Fans included	1
	N77S3K9-83	Cisco NX-OS Release 8.3 for Nexus 7700 Series Sup3	1
	N77-C7706-FAB-2	Nexus 7700 - 6 Slot Chassis Fabric 2 Module	6
	N77-AC-3KW	Nexus 7700 - 3.0KW AC Power Supply Module (Cable Included)	4
	CAB-C19-CBN	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors	4
	N77-C7706-FAN-2	Nexus 7700 - 6 Slot Chassis Fan Tray (Generation 2)	3
	N77-C7706-AFLT	Nexus 7700 - 6 Slot Chassis Air Filter Kit (Front/Side)	1
	N77-C7706-FDK	Nexus 7700 - 6 Slot Chassis Front Door Kit	1
	N77-C7706-CMK	Nexus 7700 - 6 Slot Chassis Center Mount Kit	1
	N77-SUP2E	Nexus 7700 - Supervisor 2 Enhanced	2
	N77-M348XP-23L	Nexus 7700 M3-Series 48-Port 1/10G Ethernet Module	1
	N77-M324FQ-25L	Nexus 7700 M3-Series 24-Port 40G Ethernet Module	1
	N77-LAN1K9	N77-LAN1K9 Cisco Layer 3 Enterprise License	1
02	Cisco Router ຈຳນວນ 02 ໜ່ວຍ (ສຳລັບ DR Site)		
	ISR4451-X/K9	Cisco ISR 4451 (4GE,3NIM,2SM,8G FLASH,4G DRAM)	2
	CAB-ACA	AC Power Cord (Australia), C13, AS 3112, 2.5m	2
	NIM-ES2-4	4-port Layer 2 GE Switch Network Interface Module 4-port non-POE Layer 2 Gigabit Ethernet Switch Network Interface	2

		Module	
	SL-44-SEC-K9	Security License (Paper) for Cisco 4451-X (System)	2
	SISR4400UK9-166	Cisco ISR 4400 Series IOS XE Universal	2
	PWR-4450-AC	Secondary Power Supply for ISR4451	2

ໂຄງການ 03: ຄວາມຕ້ອງການອຸປະກອນ Firewall Palo Alto Networks

ລຳດັບ	ອຸປະກອນ	ລາຍລະອຽດ	ຈຳນວນ
01	ອຸປະກອນ Firewall ຈຳນວນ 02 ໜ່ວຍ (Internet Zone DR site)		
1.1	PAN-PA-850	Palo Alto Networks PA-850 240GB SSD PA-850: (4) 10/100/1000, (4) Gigabit SFP, (4) 10 Gigabit SFP+ PA-850: Two 500W AC power supplies. One power supply is redundant PA-850 - 1U, 19" standard rack (1.75"H x 14.5"D x 17.125"W)	02
1.2	PAN-PA-850-TP-3YR-HA2	Threat Prevention Subscription for device in an HA pair	Included
1.3	PAN-SVC-BKLN-850-3YR	Partner Enabled Premium Support	Included
1.4	Installation & Training		Included

ໂຄງການ 04: ຄວາມຕ້ອງການອຸປະກອນ ຍີ່ຫໍ້ Hauwei

No.	Part Number	Model	Description	Qty.
	AR6280(C13_North America)			
1	AR6200 Series Enterprise Routers			
1.1	AR6200 Mainframe and Module			

	02115641	AR6280	AR6280 integrated chassis, 1*SRU slot, 4*SIC slot, 2*WSIC slot, 2*XSIC slot, 2*power slot	2
	02312NEU	SRU-400H	Service and Router Unit 400H, 14*10GE(SFP+), 10*GE Copper, 1*USB2.0	2
1.2	SIC Interface Module			
	03020XTQ	AR0MSEF2TA00	2-Port FE WAN Interface Card	2
	03021VCC	AR-4ES2G-S	4-Port 1000BASE-RJ45 L2 Ethernet Interface Card(SIC)	2
	03020XTR	AR0MSEG1CA00	1-Port GE Combo WAN Interface Card	4
1.3	Power			
	02131212	PAC-350WB-L	350W AC Power Module(Silver)	2
1.4	Optical Transceiver			
1.4.1	GE-SFP Optical Transceiver			
	02315204	eSFP-GE-SX-MM850	Optical Transceiver,eSFP,GE,Multi-mode Module(850nm,0.55km,LC)	8
1.5	Software			
1.5.1	Data Package Licenses			
	81401323	LAR0DATAE11	AR6200 Value-Added Data Package	2
1.5.2	Security Package Licenses			
	81401329	LAR0SECE11	AR6200 Value-Added Security Package	2
	88035NHG	LAR0IPS11	AR6200 IPS Service Subscribe 1 Year	4
1.6	Installation & Training			Included
	CE16808			
2	CloudEngine 16800 Core Switch			
2.1	Hardware			
2.1.1	Basic Configuration			

	02352RCS	CE16808-DC	CE16808 DC assembly chassis	1
2.1.2	Main Processing Unit			
	03058876	CE-MPUD-HALF	CE16800 Main Processing Unit D (half-width)	2
2.1.3	Switch Fabric Unit			
	03058882	CE-SFU08G-G	CE16808 Switch Fabric Unit G	5
2.1.4	Main equipment spare parts			
	02122486	FAN-480SA-B	Fan Tray Assembly	3
2.1.5	10GBASE-X Interface Card			
	03058873	CEL48XSFD-G	48-port 10GE interface card (FD-G, SFP+)	1
2.1.6	40GBASE-X Interface Card			
	03058872	CEL24LQFD-G	24-port 40GE interface card (FD-G, QSFP+)	1
2.2	Power			
	02312GDC	PDC-2200WC	PSU-PDC-2200WC-PM2200W DC Power Supply	3
2.3	Software			
	88035NXK	N1-CE168LIC-CFFD	N1-CloudFabric Foundation SW License for CloudEngine 16800	1
	88060LSB	N1-CE168CFFD-SnS1Y	N1-CloudFabric Foundation SW License for CloudEngine 16800-SnS-1 Year(Annual fee validity period : 3 years from " PO signed plus 90 days ")	1
2.4	Optical Transceiver			
2.4.1	CloudEngine-10G-SFP+Optical Transceiver			
	02310MNW	SFP-10G-USR	10GBase-USR Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.1km,LC)	48
2.4.2	40GE-QSFP+Optical Transceiver			

	02311PUU	QSFP-40G-SDLC-PAM	40GBase-SDLC Optical Transceiver, QSFP+, 40G, Multi-mode(850nm, PAM4, 0.1km-OM3, 0.15km-OM4, LC)	24
2.5	Installation & Training			Included

ໂຄງການ 05: ຄວາມຕ້ອງການອຸປະກອນ Enterprise NAS Storage ແລະ Brocade 6520 SAN Switch

ລ/ດ	ອຸປະກອນ	ລາຍລະອຽດ	ຈຳນວນ
1	Enterprise NAS Storage	- Dual controller - Support NFS, ISCSI, CIFS, FTP, Compression, Replication, Snapshot, Clone - Support High Availability - Support replication cross site - IOPS Requirement: at least 100,000 IOPS up - Throughput Requirement: at least 100Mb/s up - Usable Capacity: 30TB SAS3 SSD - Network: 2 x 4 Ports 10GB SFP+ - Read/Write cache technology: SAS3 SSD	2
2	Brocade 6520 SAN Switch	- Brocade 6520 Switch 16Gb - Full Enable 96 Ports/Switch - Full Fabric license - Full Transceivers Module	2

1. ເງື່ອນໄຂຂອງບໍລິສັດ: ຫ້າງຮ້ານຜູ້ສະໜອງ ທີ່ຈະຢືນຊອງປະມຸນຕ້ອງປະກອບມີລາຍການດັ່ງນີ້ ,

❖ **ບັນຈຸໃສ່ຊອງທີ1(ບໍ່ປິດຊອງ):** ໃບທະບຽນວິສາຫະກິດ, ໃບຢັ້ງຢືນການມອບຜົນທະອາກອນປະຈຸບັນ, ໃບຢັ້ງຢືນເປັນຕົວແທນຈຳໜ່າຍ, ໃບຢັ້ງຢືນເຄື່ອງໄອທິປີທີຜະລິດສິນຄ້າ(SERIES), ປະເທດທີ່ຜະລິດ, ລະບຸໄລຍະເວລາໃນການຮັບປະກັນ ແລະ ຜົນງານຂອງບໍລິສັດຫ້າງຮ້ານຜ່ານມາຢ່າງໜ້ອຍປະສົບການ 03 ປີ ຂຶ້ນໄປ (ບົດລາຍງານ). ກຳນົດຢືນຊອງມາດຕະຖານເຕັກນິກບໍ່ໃຫ້ກາຍວັນທີ 11/02/2020 ໃນໂມງລັດຖະການທີ່ ພະແນກຫ້ອງການບໍລິຫານ-ການເງິນ ທະນາຄານການຄ້າຕ່າງປະເທດລາວ ມະຫາຊົນ ສຳນັກງານໃຫຍ່ ທີ່ປ່ອງບໍລິການ ຂາເຂົ້າ-ຂາອອກ ຊັ້ນ 4 ອາຄານ C.

❖ **ບັນຈຸໃສ່ຊອງທີ2(ປິດຊອງ):** ໃບສະເໜີລາຄາ (ຕ້ອງກຳນົດເປັນເງິນກີບລວມອາກອນ).

- ແຍກໃບສະເໜີລາຄາເປັນແຕ່ລະໂຄງການ ແລະ ລະບຸມູນຄ່າຍອດລວມໃຫ້ຄົບຖ້ວນ.
- ໃນວັນທີ 11/02/2020 ທຸກຄົນ ຈະເປີດຊອງປະມຸນຮ້ານຜູ້ສະໜອງຈະຕ້ອງຖືຊອງລາຄາມາດ້ວຍຕົນເອງ ແລະ ສົ່ງຜູ້ຕາງໜ້າເຂົ້າຮ່ວມ, ເຊິ່ງເວລາແມ່ນຈະໄດ້ແຈ້ງຕາມພາຍຫຼັງ.

2. ເງື່ອນໄຂຂອງສັນຍາລະຫວ່າງ ທຸກຄົນ ກັບ ຜູ້ສະໜອງທີ່ຊະນະການປະມຸນ, ການຊຳລະຈະແບ່ງເປັນ 03 ງວດດັ່ງນີ້:

- ງວດທີ1: ຊຳລະລ່ວງໜ້າ 20% ຂອງມູນຄ່າພາຍຫລັງເຊັນສັນຍາທັງສອງຝ່າຍ ແລະ ສຳເລັດການຈົດທະບຽນສັນຍາຈາກພາກສ່ວນທີ່ກ່ຽວຂ້ອງ (ຄ່າທຳນຽມໃນການຈົດທະບຽນສັນຍາຄວາມຮັບຜິດຊອບຂອງຜູ້ສະໜອງ).
- ງວດທີ2: ຊຳລະ 70% ຂອງມູນຄ່າພາຍຫລັງໄດ້ຮັບເຄື່ອງ ແລະ ຕິດຕັ້ງເຄື່ອງສຳເລັດ.
- ງວດທີ3: ຊຳລະ 10% ຂອງມູນຄ່າທັງໝົດພາຍຫຼັງຄົບກຳນົດຄ່າປະກັນ (ໄລຍະຄ່າປະກັນຢ່າງໜ້ອຍ06 ເດືອນ).

ໝາຍເຫດ: ລົບລ້າງໜັງສືແຈ້ງເຊັນປະມຸນ ເລກທີ 003/ທຄຕລ2020 ລົງວັນທີ 13/01/2020.

ດັ່ງນັ້ນ, ຈຶ່ງອອກແຈ້ງເຊັນມາຍັງທ່ານທີ່ມີຄວາມສົນໃຈເຂົ້າຮ່ວມຢືນຊອງປະມຸນໃນຄັ້ງນີ້ດ້ວຍ.

ທະນາຄານການຄ້າຕ່າງປະເທດລາວ ມະຫາຊົນ



ສຸພັກ ຖິ່ນໄຊພອນ