



МОНГОЛ УЛСЫН ХӨГЖЛИЙН БАНК

Огноо: 2024 оны 02 дугаар сарын 20-ны өдөр
Хэнд: Дотоод үйл ажиллагааны хэлтэст
Хэнээс: Мэдээллийн технологи цахимжуулалтын хэлтэс
Товч утга: Сүлжээний төхөөрөмж, галт хана төхөөрөмжийн техникийн тодорхойлолт хүргүүлэх тухай

ТЕХНИКИЙН ТОДОРХОЙЛОЛТ

Мэдээллийн технологи, цахимжуулалтын хэлтсээс 2024 оны үндсэн хөрөнгийн төсөв болон худалдан авалтын төлөвлөгөөнд батлагдсан “Сүлжээний төхөөрөмж, галт хана төхөөрөмж”-ийн техникийн тодорхойлолтыг судалж, боловсруулан хүргүүлж байна. Үүнд:

| № | Тоног, төхөөрөмж | Тоо, ширхэг | Техникийн үзүүлэлт |
|----|---------------------------|-------------|---|
| 1. | Сүлжээний свитч төхөөрөмж | 1 ширхэг | <p>Port: 24 x 1 Gbps Uplinks: 4x10G/1G SFP Power supply: Redundant Switching capacity: 128 Gbps Forwarding rate: 95.23 Mpps Total number of MAC addresses: 32,000 IPv6 routing entries: 16,000 DRAM: 8GB VLAN IDs: 4094 Standards: SNMPv1, v2c, and v3 Advanced switch capabilities and scale: BGP, EIGRP, HSRP, IS-IS, BSR, MSDP, PIM-BIDIR, * IP SLA, OSPF Network segmentation: VRF, VXLAN, LISP, TrustSec, SGT, MPLS, mVPN DNA License: 3 years Advanced <i>Switches support modern fabric technologies such as VXLAN with BGP-EVPN control plane, with open APIs.</i> <i>Support for AES-256 with the powerful MACsec 256-bit encryption.</i> SFP Module: <i>Cisco Compatible</i> <i>1Gx2 single mode /1000BASE-BX-U and 1000BASE-BX-D/ pair</i> <i>10Gx2 single mode /SFP-10G-LR or SFP-10G-ER/</i></p> |
| 2. | Галт хана төхөөрөмж | 1 ширхэг | <p><i>Sophos XGS2100 Next Generation Firewall-moй High Availability Pair хүйж хамтран ажиллах чадамжтай байх.</i> Firewall Throughput (Max): 30,000 Mbps VPN throughput: 3,000 Mbps IPS throughput: 5,800 Mbps Threat protection throughput: 1,250 Mbps Firewall IMIX: 15,900 Mbps Concurrent Connection: 6,500,000 New connections/sec: 134,700 IP sec VPN throughput: 3,000 Mbps Xstream SSL/TLS Inspection: 1100 Mbps I/O Ports: <i>2 x USB 3.0 (front)</i> <i>1 x USB 2.0 (rear)</i> <i>1 x RJ45 MGMT</i> <i>1 x COM RJ45</i> <i>1 x Micro-USB (cable incl.)</i> Network card: 8 x GbE copper , 2 x SFP fiber Power supply: <i>Internal auto-ranging DC</i> <i>100-240VAC, 3-6A@50-60 Hz</i> <i>External Redundant PSU Option</i></p> |



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| | | | <p>Pre-Defined policies: <i>Pre-defined IPS, Web, App, and Traffic Shaping (QoS) policies enable quick setup and easy customization for common deployment scenarios (e.g. CIPA, typical workplace policies, and more)</i> <i>"Sophos central management" программаас удирдах боломжтой байх</i></p> <p>License: Base license, Network protection, Web Protection, Enhanced support Terms: 1 year Base License: Networking, wireless, Xstream Architecture, Xstream SD-WAN, unlimited remote access VPN, site-to-site VPN Network Protection: Xstream TLS inspection, Xstream DPI engine, Intrusion Prevention (IPS), Advanced threat protection (ATP) and Synchronized Security Heartbeat, SD-RED VPN <i>Extensive network and threat Reporting</i> Web Protection: Synchronized Application Control, Xstream DPI engine, Web threat protection and Control, Application Protection and Control, Cloud Application Visibility, Web and App Traffic Shaping, Enhanced support - 24/7 support, feature updates, advanced replacement hardware warranty for term</p> |
| 3. | Галт хана төхөөрөмж | 1 ширхэг | <p><i>"Fortinet Fortigate E601" төхөөрөмжтэй "Active/Active and Active/Passive" зоримоор "high availability" дэмжин ажиллах боломжтой байх.</i></p> <p>UDP 1518 bytes packet firewall throughput: 36 Gbps IPS Throughput: 10 Gbps NGFW Throughput: 9.5 Gbps Threat Protection: 7 Gbps IPsec VPN Throughput (512 byte): 20 Gbps New Sessions per Second: 450,000 Concurrent Sessions: 8,000,000 Storage: 2 x 240 Gb SSD Disk Ports: 8 x GE RJ45, 8 x GE SFP, 2 x 10 GE SFP+, 2 x ZTE® SFP-GE-RJ45 <i>Compatible TAA 10/100/1000Base-TX SFP Transceiver (Copper, 100m, RJ-45)</i></p> <p>License: • Firmware & General Updates (Application control signature, Device & OS identification, Internet Service Database Definitions) • Intrusion Prevention (IPS Definitions, IPS Engine, Malicious URLs, Botnet IPs, Botnet Domains) • Antivirus (AI Malware detection model, AV Definitions, AV Engine, Mobile Malware) • Web Filtering (Blocked certificates) • Email Filtering • Outbreak Prevention • Fortigate Cloud Sandbox</p> |