

Specificații tehnice

[Acest tabel va fi completat de către ofertant în coloanele 2, 3, 4, 6, 7, iar de către autoritatea contractantă – în coloanele 1, 5,]

Numărul procedurii de achiziție ocds-b3wdp1-MD-1752216747384 din 21.07.2025
Obiectul achiziției: Echipament pentru asigurarea funcționării rețelei corporative

Denumirea bunurilor	Denumirea modelului bunului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă		Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5		6	7
Lotul 1							
Lotul 1. Router	Cisco Catalyst C8300-1N1S-6T Router	SUA	Cisco	Type	Router CISCO C8300-1N1S-6T care va permite funcționarea în regim standby	Cisco Catalyst C8300-1N1S-6T Router	Moldova Standard
				Rack Units (RU)	1RU	1RU	
				Memory (DRAM) default	8 GB	8Gb	
				Storage (M.2 SSD)	16 GB	16 GB	
				Flash memory support	8 G	16 Gb	
				Interface	1x1G WAN (1 SM slot and 1 NIM slot, and 6 x 1-Gigabit Ethernet ports)	1SM slot, 1 NIM slot, 4xRJ-45 10/100/1000Mbps ports, 2 x porturi SFP 1.9 Gbps	

SD-WAN IPsec Throughput (1400Bytes	1.9Gbps	1.8 Gbps
SD-WAN IPsec Throughput (IMIX*)	1.75Gbps	IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP), Internet Key Exchange (IKE), Access Control Lists (ACL), Configuration Protocol (DHCP), (HSRP), RADIUS
Protocols	IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP), Internet Key Exchange (IKE), Access Control Lists (ACL), Configuration Protocol (DHCP), (HSRP), RADIUS	6000
		19.7 Gbps
		1.9 Gbps
		6000

SD-WAN Overlay Tunnels scale	6000	4000
IPv4 Forwarding Throughput (1400Bytes)	19.7Gbps	20.000 – 40.000+ reguli individuale
IPsec Throughput (1400Bytes)	1.9Gbps	1.6M w/ default 8GB, up to 4M w/ 32GB
Number of IPsec SVTI Tunnels	4000	1.5M w/ default 8GB, up to 4M w/ 32GB
Number of ACLs per system	4000	16K
Number of IPv4 ACEs per system	72K	1.2M w/ default 8GB, up to 2M w/ 32GB
Number of IPv4 Routes	1.6M w/ default 8GB, up to 4M w/ 32GB	512K
Number of IPv6 Routes	1.5M w/ default 8GB, up to 4M w/ 32GB	4000 VRF
Number of Queues	16K	400 W
Number of NAT Sessions	1.2M w/ default 8GB, up to 2M w/ 32GB	Encryption: DES, 3DES, AES-128 or AES-256 (in CBC and GCM modes)
Number of Firewall Sessions	512K	Authentication: RSA (748/1024/2048 bit), ECDSA (256/384 bit)
Number of VRFs	4000	Integrity: MD5, SHA, SHA-256, SHA-384, SHA-512
Power maximum rating	400 W	

				Cryptographic algorithms	Encryption: DES, 3DES, AES-128 or AES-256 (in CBC and GCM modes) Authentication: RSA (748/1024/2048 bit), ECDSA (256/384 bit) Integrity: MD5, SHA, SHA-256, SHA-384, SHA-512	
				Dual power supplies	Yes	YES

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