

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-1748603176627 din 11.06.2025
Obiectul achiziției: Router

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 Anexa nr. 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	

SD-WAN IPsec Throughput (1400Bytes	1.9Gbps	1.9 Gbps
		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

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