

## **HALTDOS CANARY TECHSPECS**

Base Models ITIGATION PERFORMANCE	HD-CAN-550	HD-CAN-1100	HD-CAN-4100	HD-CAN-4600
L4 Throughput	upto 500 Mbps	upto 1 Gbps	upto 5 Gbps	upto 24 Gbps
L7 Throughput	upto 500 Mbps	upto 1 Gbps	upto 4 Gbps	upto 20 Gbps
SSL Throughput	500 Mbps	1 Gbps	4 Gbps	20 Gbps
Compression Throughput	500 Mbps	1 Gbps	4 Gbps	20 Gbps
Decompression Throughput	500 Mbps	1 Gbps	5 Gbps	20 Gbps
	10K (RSA 2K)	22K (RSA 2K)	22K (RSA 2K)	40K (RSA 2K)
SSL/TLS Connections per Second	5K (ECC)	15Ř (ECC)	15K (ECC)	25K (ECC)
L4 Connection per Second	320 K	400 K	480 K	960 K
L7 Request per Second	250 K	500 K	750 K	3 M
Max Concurrent Connections	7 M	12 M	24 M	32 M
Induced Latency			ms	
ARDWARE SPECS				
Processor	Intel Xeon	Intel Xeon	Intel Xeon	Intel Xeon
CPU Cores	6	8	8	20
Memory	8 GB	16 GB	16 GB	32 GB
Hard Disk	128 GB SSD	128 GB SSD	256 GB SSD	256 GB SSD
Traita Bisk	120 GB GGB	Option available for F		200 00 000
	Built-in TPM Chip and Hardware H			
Additional Specs	Option available for FIPS-140-2 (ac			
Form Factor	1U/2U Rack Mount Server (19 inch		inpliant i iolvi	
Power Supply	Redundant Power Supply (Hot Swa	0/ 1		
Operating Temperature	0° – 40° C	1990016/ AC 110-240V, JU AZ		
Humidity	8% - 95% (non-condensing)	NIA I	NIA I	45
Virtual ADC Supported	NA	NA	NA NA	upto 15
	l Ha	rd Disk and Memory can be c	sustomized over the base mod	el
ISPECTION PORTS		-	_	
1 GE Ports	4	8	8	8
10 GE Ports	-	-	-	2
25 GE Ports	-	-	-	-
40 GE Ports	-	-	-	-
100 GE Ports	-	-	-	-
		No. of ports can be custon	nized over the base model	
UT OF BAND PORTS		·		
1 GE (RJ-45) Ports	1	2	2	2
Console (RS232/RJ45) Ports	-	1	1	1
HA Ports (RJ-45/SFP/SFP+)	1	1	1	1
11A 1 0113 (110-43/311 /311 1)			'	l l
Input/Output (USB)	2	2	2	2
Input/Output (USB)	2	2	2	2
Input/Output (USB)  Base Models	2 HD-CAN-5100	2 HD-CAN-5400	2 HD-CAN-6200	2 HD-CAN-6700
Base Models ITIGATION PERFORMANCE	HD-CAN-5100	HD-CAN-5400	HD-CAN-6200	HD-CAN-6700
Base Models ITIGATION PERFORMANCE L4 Throughput	HD-CAN-5100 upto 48 Gbps	HD-CAN-5400 upto 72 Gbps	HD-CAN-6200 upto 120 Gbps	HD-CAN-6700 upto 150 Gbps
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput	HD-CAN-5100  upto 48 Gbps  upto 40 Gbps	HD-CAN-5400 upto 72 Gbps upto 60 Gbps	HD-CAN-6200  upto 120 Gbps upto 100 Gbps	HD-CAN-6700 upto 150 Gbps upto 120 Gbps
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput	HD-CAN-5100  upto 48 Gbps  upto 40 Gbps  40 Gbps	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps	upto 150 Gbps upto 120 Gbps upto 120 Gbps 200 Gbps
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps	upto 150 Gbps upto 120 Gbps upto 120 Gbps 200 Gbps 132 Gbps
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput	HD-CAN-5100  upto 48 Gbps  upto 40 Gbps  40 Gbps  24 Gbps  30 Gbps	HD-CAN-5400  upto 72 Gbps upto 60 Gbps 50 Gbps 37 Gbps 54 Gbps	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps	upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K)	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)	Upto 120 Gbps Upto 100 Gbps Up	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC)	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)	Upto 120 Gbps Upto 100 Gbps Upto 120 Gbps Upto 120 Gbps Upto 148 (ECC)	Upto 150 Gbps Upto 150 Gbps Upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC)
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M	upto 72 Gbps upto 60 Gbps 50 Gbps 37 Gbps 54 Gbps 95K (RSA 2K) 48K (ECC) 2 M	Upto 120 Gbps Upto 100 Gbps Upto 120 Gbps Upto 120 Gbps Upto 120 Gbps Upto 140 Gbps Up	Upto 150 Gbps Upto 150 Gbps Upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M
Base Models  ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M	HD-CAN-6200  upto 120 Gbps  upto 100 Gbps  100 Gbps  66 Gbps  120 Gbps  95K (RSA 2K)  48K (ECC)  4 M  15 M  160 M	Upto 150 Gbps Upto 150 Gbps Upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M
Base Models  ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M
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Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M	HD-CAN-5400  upto 72 Gbps upto 60 Gbps 50 Gbps 37 Gbps 54 Gbps 95K (RSA 2K) 48K (ECC) 2 M 10 M 96 M	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M
Base Models ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS Processor	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  < 1	## Upto 120 Gbps  upto 120 Gbps  upto 100 Gbps  100 Gbps  66 Gbps  120 Gbps  95K (RSA 2K)  48K (ECC)  4 M  15 M  160 M  ms	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M
Base Models ITIGATION PERFORMANCE L4 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS Processor CPU Cores Memory	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB	HD-CAN-6200  upto 120 Gbps  upto 100 Gbps  100 Gbps  66 Gbps  120 Gbps  95K (RSA 2K)  48K (ECC)  4 M  15 M  160 M  ms  Intel Xeon  64  256 GB	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M  192 M  Intel Xeon  64  512 GB
Base Models ITIGATION PERFORMANCE L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS Processor CPU Cores	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD	HD-CAN-5400  upto 72 Gbps upto 60 Gbps 50 Gbps 37 Gbps 54 Gbps 95K (RSA 2K) 48K (ECC) 2 M 10 M 96 M <1  Intel Xeon 40 128 GB 1 TB SSD	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M  192 M
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Base Models ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS  Processor CPU Cores Memory Hard Disk  Additional Specs	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual ps Built-in TPM Chip and Hardware HS or Non-FIPS compliant HSM	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB  1 TB SSD  artition  M for SSL offloading & compress	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M  Intel Xeon 64 512 GB 2 TB SSD
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Base Models  ITIGATION PERFORMANCE  L4 Throughput  L7 Throughput  SSL Throughput  Compression Throughput  Decompression Throughput  SSL/TLS Connections per Second  L4 Connection per Second  L7 Request per Second  Max Concurrent Connections  Induced Latency  ARDWARE SPECS  Processor  CPU Cores  Memory  Hard Disk  Additional Specs  Form Factor Power Supply	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual part or Non-FIPS compliant HSM 1U/2U/4U Rack Mount Server (19) Redundant Power Supply (Hot Swa	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB  1 TB SSD  artition  M for SSL offloading & compress inch mounting) with panel indicate	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M  Intel Xeon 64 512 GB 2 TB SSD
Base Models  ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS  Processor CPU Cores Memory Hard Disk  Additional Specs Form Factor Power Supply Operating Temperature	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual por Built-in TPM Chip and Hardware HS or Non-FIPS compliant HSM 1U/2U/4U Rack Mount Server (19 in Redundant Power Supply (Hot Swar 0° – 40° C	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB  1 TB SSD  artition  M for SSL offloading & compress inch mounting) with panel indicate	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M  Intel Xeon 64 512 GB 2 TB SSD
Base Models  ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS  Processor CPU Cores Memory Hard Disk  Additional Specs Form Factor Power Supply Operating Temperature Humidity	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual port or Non-FIPS compliant HSM 1U/2U/4U Rack Mount Server (19 in Redundant Power Supply (Hot Swar O° – 40° C 8% - 95% (non-condensing)	HD-CAN-5400  upto 72 Gbps upto 60 Gbps 50 Gbps 37 Gbps 54 Gbps 95K (RSA 2K) 48K (ECC) 2 M 10 M 96 M <1  Intel Xeon 40 128 GB 1 TB SSD artition M for SSL offloading & compress inch mounting) with panel indicate appable) AC 170-240V, 50 Hz	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD sion optimization. Option available	HD-CAN-6700  upto 150 Gbps upto 120 Gbps 200 Gbps 132 Gbps 240 Gbps 190K (RSA 2K) 96K (ECC) 4.2 M 18 M 192 M  Intel Xeon 64 512 GB 2 TB SSD  for FIPS-140-2 (additional cha
Base Models  ITIGATION PERFORMANCE  L4 Throughput L7 Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS  Processor CPU Cores Memory Hard Disk  Additional Specs Form Factor Power Supply Operating Temperature	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual particular or Non-FIPS compliant HSM 1U/2U/4U Rack Mount Server (19 in Redundant Power Supply (Hot Swaro) – 40° C 8% - 95% (non-condensing) upto 25	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB  1 TB SSD  artition  M for SSL offloading & compress  inch mounting) with panel indicate appable) AC 170-240V, 50 Hz  upto 30	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD  sion optimization. Option available ors	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M  192 M  Intel Xeon  64  512 GB  2 TB SSD  for FIPS-140-2 (additional cha
Base Models ITIGATION PERFORMANCE L4 Throughput SSL Throughput SSL Throughput Compression Throughput Decompression Throughput SSL/TLS Connections per Second L4 Connection per Second L7 Request per Second Max Concurrent Connections Induced Latency ARDWARE SPECS Processor CPU Cores Memory Hard Disk  Additional Specs Form Factor Power Supply Operating Temperature Humidity Virtual ADC Supported	HD-CAN-5100  upto 48 Gbps upto 40 Gbps 40 Gbps 24 Gbps 30 Gbps 40K (RSA 2K) 25K (ECC) 1.2 M 7 M 56 M  Intel Xeon 32 64 GB 512 GB SSD Option available for RAID or dual particular or Non-FIPS compliant HSM 1U/2U/4U Rack Mount Server (19 in Redundant Power Supply (Hot Swaro) – 40° C 8% - 95% (non-condensing) upto 25	HD-CAN-5400  upto 72 Gbps  upto 60 Gbps  50 Gbps  37 Gbps  54 Gbps  95K (RSA 2K)  48K (ECC)  2 M  10 M  96 M  <1  Intel Xeon  40  128 GB  1 TB SSD  artition  M for SSL offloading & compress  inch mounting) with panel indicate appable) AC 170-240V, 50 Hz  upto 30	HD-CAN-6200  upto 120 Gbps upto 100 Gbps 100 Gbps 66 Gbps 120 Gbps 95K (RSA 2K) 48K (ECC) 4 M 15 M 160 M ms  Intel Xeon 64 256 GB 2 TB SSD sion optimization. Option available	HD-CAN-6700  upto 150 Gbps  upto 120 Gbps  200 Gbps  132 Gbps  240 Gbps  190K (RSA 2K)  96K (ECC)  4.2 M  18 M  192 M  Intel Xeon  64  512 GB  2 TB SSD  for FIPS-140-2 (additional cha
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OUT OF BAND PORTS

1 GE (RJ-45) Ports Console (RS232/RJ45) Ports

TECHNOLOGY, CERTIFICATION & SUP	PORT
Platform	Haltdos Platform – hdPlatform (EAL 2+ Certified)
Technology	Signature with Threat Intelligence, Machine Learning
License	Unlimited applications. Bandwidth capping on provided license. Upgrade possible without hardware replacement upto max supported bandwidth on hardware
Additional Licenses	Optional license for LLB & DNS Firewall
Certification Support	FCC, ROHS, CE compliant, Common Criteria EAL 2+ 24x7 Support with dedicated Account Manager
Warranty	1 year software and hardware maintenance. Additional changes for extended warranty
TAC Support OPERATION MODE	TAC support in India
Network Operations	Inline Reverse Proxy, Inline Bridge, Inline Router Mode, Inline L2 Transparent, Offline
Inline Modes  Deployment Modes	Proxy or Direct Server Return  1-Arm or n-Arm
Binding	Immediate or Delayed binding
IP Stack	Dual IPv4 & IPv6 stack
HTTP Protocols Web Socket Support	HTTP 0.9/1.0/1.1/2.0/3.0 (QUIC) with translation  Yes
Virtual Matrix Architecture	Yes
Direct Access Mode  Mitigation Modes	Yes  Bypass, Record (Report Only), Learning, Mitigation (Block and Report)
Dynamic Routing Protocols	BGP, OSFP, RIP v1, RIP v2
Networking	Support for VLAN, VxLAN, Link Aggregation & Trunking (LACP). ARP Table, multiple Routing Tables, etc
Block Actions	Drop Request, Terminate Connection or Session, Blacklist (temporary or permanent), Send Challenge (Captcha, JavaScript), Rate Limiting or Tarpit
HIGH AVAILABILITY	
Multiple Appliances  Management Modes	N + 1 Active - Active - Passive (VRRP) with floating MAC Standalone / Centralized Management (VM or appliance) with Haltdos Hawk
Secure Communication	Secure communication between centralized management and HA appliances for full state synchronization
INTEGRATION FEATURES  Custom Threat Intel	Integration with 3 <sup>rd</sup> party Threat Intelligence (TI) feeds
Storage and Export	Local retention of logs, reports and events. Support for export to 3rd party storage
NIMS Integration Notification Integration	Support for SNMP, NTP / SNTP, DNS, Web Proxy integration  Notification & Logging via SNMP, SMTP, SMS Gateway and 3 <sup>rd</sup> party integration via API hooks
SIEM Integration	Support for integration with SIEM and Syslog services
AAA Integration	Support for integration via RADIUS and TACACS+
Identity Management Security Tools Integration	Inbuilt with support for integration with AD / SAML / LDAP Support for integration with SAST/DAST/IAST tools
Export IOCs	Support for exporting attacking IOCs via STIX / TAXII
Kubernetes Integration Container Plugin	Deployment as Ingress Controller with support for Nodeport & ClusterIP  Support for CNI, dynamic objects and namespaces. Orchestration through declarative syntax, multiple custom resources (IP, routes, virtual
(Openshift / Helm Chart)  MANAGEMENT FEATURES	server, service, etc)
Graphical User Interface (GUI) Command Line Interface (CLI)	Secure web interface over HTTPs with support for all modern browsers  Command Line Interface over SSH or console port
API Integration	Yes (XML or JSON)
System Management Audit Trail, Logging & Recovery	IPMI 2.0 Compliant
Audit Trail, Logging & Recovery  Dashboards	Centralized logging of system, services, MIS, incidents. Built-in MIS with policy recovery  Real-Time & historical dashboards with custom duration. Support for custom dashboards
System Status Dashboard	Status dashboard for 1-click health check
Reporting RBAC Administration	Periodic daily, weekly or monthly reports in PDF or Excel  Configurable user profiles with role-based access control
Backup, Restore & Snapshots	Automatic or manual backup and restore. CLI tool for pushing current snapshot to Haltdos Cloud for diagnostics
Policy Management	On the fly configuration updates on mitigation appliances
Certificate Management	SSI certificate management with support for Let's Encrypt certificate generation
Certificate Management Events / Alerts	SSL certificate management with support for Let's Encrypt certificate generation  Detailed event and alert reporting on attack, health, etc.
Events / Alerts Network Forensic	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute
Events / Alerts	Detailed event and alert reporting on attack, health, etc.
Events / Alerts Network Forensic Attack Forensic Haltdos Threat Stream Updates	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.
Events / Alerts Network Forensic Attack Forensic Haltdos Threat Stream	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos
Events / Alerts Network Forensic Attack Forensic Haltdos Threat Stream Updates ADC FEATURES	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6
Events / Alerts Network Forensic Attack Forensic Haltdos Threat Stream Updates ADC FEATURES Enforce RFC Compliance	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SNMP metrics such as CPU, RAM, etc.
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for Client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization HTTP Optimization Virtual Contexts	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SNMP metrics such as CPU, RAM, etc.  Support for TCP buffering, multiplexing & optimization, connection pools, TCP keep alive & timeouts  Support for content compression (gzip or brotili) and caching. Content minification and acceleration for mobile clients  Support for multiple virtual contexts along with resource allocation
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization HTTP Optimization	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SNMP metrics such as CPU, RAM, etc.  Support for TCP buffering, multiplexing & optimization, connection pools, TCP keep alive & timeouts  Support for content compression (gzip or brotili) and caching. Content minification and acceleration for mobile clients
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization HTTP Optimization Virtual Contexts Failover Management Health Check Client Visibility	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SNMP metrics such as CPU, RAM, etc.  Support for TCP buffering, multiplexing & optimization, connection pools, TCP keep alive & timeouts  Support for content compression (gzip or brotili) and caching. Content minification and acceleration for mobile clients  Support for multiple virtual contexts along with resource allocation  Automatic failover & recovery. Support for marking servers up / down / backup  Periodic server or server group health check and alerting via TCP, SSL, ICMP, SNMP, HTTP, DNS or custom script  Embedding Real IP information in X-* headers, client cert information, etc
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization HTTP Optimization Virtual Contexts Failover Management Health Check Client Visibility Redirection Rules	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SNMP metrics such as CPU, RAM, etc.  Support for TCP buffering, multiplexing & optimization, connection pools, TCP keep alive & timeouts  Support for content compression (gzip or brotili) and caching. Content minification and acceleration for mobile clients  Support for multiple virtual contexts along with resource allocation  Automatic failover & recovery. Support for making servers up / down / backup  Periodic server or server group health check and alerting via TCP, SSL, ICMP, SNMP, HTTP, DNS or custom script  Embedding Real IP information in X-* headers, client cert information, etc  REGEX based redirection rules to rewrite URLs
Events / Alerts Network Forensic Attack Forensic Attack Forensic Haltdos Threat Stream Updates  ADC FEATURES Enforce RFC Compliance NAT & Routing SSL/TLS Management Load Balancing Advanced Load Balancing Load Balancing Algorithms Network Optimization HTTP Optimization Virtual Contexts Failover Management Health Check Client Visibility Redirection Rules Variable Rules Script Rules	Detailed event and alert reporting on attack, health, etc.  Network forensic with packet capture and traceroute  Built-in utilities for investigating attackers, attack payloads and identifying false positives.  Periodic threat intel updates (Signatures, Geo IP, Bad IP, TOR IP, Anon Proxy, etc.) from Haltdos  Update and upgrade management on version releases and patch updates from Haltdos. Support for multiple OS Templates  Protection against invalid HTTP requests  Support for client, server or full NAT, static routing for IPv4 & IPv6  Support for SSL v2/v3, TLS 1.0/1.1/1.2/1.3 offloading (and re-encryption) with custom cipher suites. Client certificate based authentication also supported, proxy SSL/TLS connections  Layer 4 (TCP, UDP, Mail, etc.) and Layer 7 (HTTP, DNS, etc.) supported  Content based load balancing with upstream rules  Round robin (RR), weighted round robin, minimum misses, persistent hash, tuneable hash, least connections, least response time, least bandwidth, SMMP metrics such as CPU, RAM, etc.  Support for TCP buffering, multiplexing & optimization, connection pools, TCP keep alive & timeouts  Support for content compression (gzip or brotili) and caching. Content minification and acceleration for mobile clients  Support for multiple virtual contexts along with resource allocation  Automatic failover & recovery. Support for marking servers up / down / backup  Periodic server or server group health check and alerting via TCP, SSL, ICMP, SNMP, HTTP, DNS or custom script  Embedding Real IP information in X-* headers, client cert information, etc  REGEX based redirection rules to rewrite URLs  Support for embedding and using variables for A/B testing or custom load balancing  Embedding user defined custom code for advanced routing
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Positive Security Model	Support for Form Rules for positive security model
Negative Security Model	Support for user defined Firewall Rules for REGEX based negative security model
Virtual Patching	Support for virtual patching through built-in web security scanner or upload of 3rd party SAST / DAST / IAST scan results
Built-in Signatures	Over 4000+ built-in signatures on various technologies, platforms and frameworks with pre-defined templates.
0-day Protection	Automatic learning and profiling application structure. Threat scoring and baseline creation for Al driven 0-day attack protection
Malicious Source Protection	Protection against TOR IP, Bad Reputation IP, dark IP, known Bots, proxies, spammers provided by Haltdos or user defined threat intel
Bot Management Anti-Automation Protection	Anti-bot protection with Al classification and scoring of bots based on advanced browser fingerprinting  Protection against known and 0-day bots, account takeover attempts, brute force attempts, scraping, reconnaissance, cloaking, etc.
Mobile App Protection	Anti-Bot mobile SDK for Android & iOS for protecting mobile apps and communication between apps and web APIs
AV Scanning	Built-in AV scanner for malicious file upload. Support for ICAP integration for 3 <sup>rd</sup> party scanners
Minimize False Positives	Support for REGEX based whitelist rules and signature staging and deploy policies to minimize signature based false positives
HTTP Validations	Protocol validations, request normalization (encoding & evasion techniques) before inspection, managing security headers and cookies etc
Policy Inspection	Policy validation such as HTTP methods, file extension, request size, etc.
Blacklist / Whitelist	Support for temporary or permanent Blacklisting and Whitelisting based on IP, IP prefix, url, country, etc
Captcha Challenge	Support for JS or captcha challenge on suspicious user activity or known bots or malicious IPs
Rate Limiting	Rate Limit rules for implementing request, bandwidth or connection limits per source, IP prefix or user defined policy
API & WebSocket Protection	Built-in XML firewall, validation of XML / JSON / Ajax requests and WebSocket requests
Security Breach Prevention	Built-in support for data leak prevention, response filtering for sensitive personal identifiable information
Tamper Proofing	Tamper rules for URL / parameter tamper protection, website defacement, hidden form field protection, cookie signing and encryption, etc.
Correlation Engine	Advanced correlation engine with support for custom correlation rules for detecting attack across user requests and sessions
Variables & Scripting	Support for user defined variables and scripts for building custom application specific security policy
Deception Technology	Implement decoys in web application to protect against advanced bots, profile attacks and trap attackers
Sensitive Data Masking	Support for Log Rules for masking sensitive information such as passwords in logs and events
Enforced Browsing	Protection against forceful browsing, access to predictable resources, unauthorized navigation with additional security enforcement with Two factor authentication (2FA)
Misc. Protection	Support for protection against buffer overflow attacks, man-in-the-middle attacks, blocking malware payload, buffer overflow, SQL, SSI, LDAP injection, etc
LLB FEATURES (ADDITIONAL LICENSI	
Load Balancing & Path Selection	Round robin (RR), weighted round robin, minimum packet loss, persistent hash, tuneable hash, least connections, least response time, least bandwidth, etc. Path selection based on litter, packet loss, latency, etc.
NAT Rules	Support for static NAT, dynamic NAT, SNAT, DNAT, PAT, Full NAT
Health Monitoring	Link monitoring with instant failover (<1s). Support for TCP, HTTP, DNS, ICMP or script based monitoring. Multiple monitors with AND / OR combination
Routing Rules	Custom rules for Static and Policy based routing
Dual Stack Lite Traffic Shaping	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy
Dual Stack Lite	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links
Dual Stack Lite Traffic Shaping	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy  Traffic shaping and QoS on inbound and outbound links  SING)  Routing traffic across multiple data centres based on health checks
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links  SING)  Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy  Traffic shaping and QoS on inbound and outbound links  SING  Routing traffic across multiple data centres based on health checks  Outbound WAN link selection based on link health  Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc.
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING) Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc.
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING)  Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc Custom rules for Static and Policy based routing
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Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules Network Mode DNS Firewall	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING) Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc Custom rules for Static and Policy based routing Support DNS over HTTP, UDP, TCP & SSL as well as DNSSEC Protecting DNS infrastructure from bot attacks, data exfiltration attacks, RPZ policy
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules Network Mode DNS Firewall DDOS FEATURES (ADDITIONAL LICEN	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING) Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc Custom rules for Static and Policy based routing Support DNS over HTTP, UDP, TCP & SSL as well as DNSSEC Protecting DNS infrastructure from bot attacks, data exfiltration attacks, RPZ policy ISING)
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules Network Mode DNS Firewall DDOS FEATURES (ADDITIONAL LICEN Comprehensive Protection	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING) Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc. Custom rules for Static and Policy based routing Support DNS over HTTP, UDP, TCP & SSL as well as DNSSEC Protecting DNS infrastructure from bot attacks, data exfiltration attacks, RPZ policy ISING) Layer 3 to Layer 7 protection covering Network, Protocol, Application, Reflection / Amplification and 0-day DDoS attacks
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Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules Network Mode DNS Firewall DDOS FEATURES (ADDITIONAL LICEN Comprehensive Protection DDOS Detection & Mitigation Block Actions Hybrid DDOS Integration	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links SING)  Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc Custom rules for Static and Policy based routing Support DNS over HTTP, UDP, TCP & SSL as well as DNSSEC Protecting DNS infrastructure from bot attacks, data exfiltration attacks, RPZ policy ISING) Layer 3 to Layer 7 protection covering Network, Protocol, Application, Reflection / Amplification and 0-day DDoS attacks Attack detection & mitigation in less than 18s and 10s respectively Drop Packet, Terminate Connection (RST), Blacklist (temporary or permanent), Send Challenge (TCP, HTTP, DNS), Rate Limiting Support for integration with Haltdos Cloud Scrubbing or ISP clean pipe services
Dual Stack Lite Traffic Shaping GSLB FEATURES (ADDITIONAL LICEN Global Load Balancing WAN Load Balancing Load Balancing Algorithms Operation Mode Routing Rules Network Mode DNS Firewall DDOS FEATURES (ADDITIONAL LICEN Comprehensive Protection DDoS Detection & Mitigation Block Actions Hybrid DDoS Integration Bi-Directional	Support for NAT 46 / 64 and DNS 46 / 64 with DNS Proxy Traffic shaping and QoS on inbound and outbound links  SING)  Routing traffic across multiple data centres based on health checks Outbound WAN link selection based on link health Support for Least connection, Proximity, Round Robin, Weighted RR, Persistent Hash, Geo, etc. Option for Authoritative or Recursive operational modes with support for various DNS record types such as A, AAAA, MX, TXT, PTR, etc Custom rules for Static and Policy based routing Support DNS over HTTP, UDP, TCP & SSL as well as DNSSEC Protecting DNS infrastructure from bot attacks, data exfiltration attacks, RPZ policy  ISING)  Layer 3 to Layer 7 protection covering Network, Protocol, Application, Reflection / Amplification and 0-day DDoS attacks Attack detection & mitigation in less than 18s and 10s respectively Drop Packet, Terminate Connection (RST), Blacklist (temporary or permanent), Send Challenge (TCP, HTTP, DNS), Rate Limiting Support for integration with Haltdos Cloud Scrubbing or ISP clean pipe services Support for both inbound and outbound traffic protection
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