About the Maximum Values Table

The values in this table are the hard-coded maximum values. As such, they may not be practical limits for every situation and are not a promise of performance.

All objects in the maximum values table have either a global limit, which applies to the entire FortiGate configuration, or a VDOM limit, which applies only to a single VDOM. For objects that have only a VDOM limit, the global limit is the VDOM limit multiplied by the number of VDOMs for that unit. For example, the FortiGate-60C can have 10 VDOMs and has a VDOM limit of 32 DHCP servers. This means that the global limit is 320.

By default, most FortiGate models support a maximum of 10 VDOMs in any combination of NAT/Route and Transparent operating modes. For FortiGate models 1000C and higher, a license key can be purchased to increase the maximum number.

The Maximum Values Table has been updated with values for FortiOS 5.0.8. For more information, see the Change Log.

LEGEND	
Black cells	Objects with global limits.
Gray cells	Objects with VDOM limits.
0	Objects with no hard limit, such as objects limited by system memory.
INT	Objects that are limited by the number of available interfaces. This number includes both physical and virtual interfaces.
-	Unsupported features.

Models: Toggle All

- FortiGate-VM (Evaluation Version)
- FortiGate 20 series
- FortiGate 30 series
- FortiGate-40C
- FortiGate 60C series
- FortiGate 60D series
- FortiGate 70 & 90 series
- FortiGate 80 series
- FortiGate Rugged-100C
- FortiGate 100-140 series
- FortiGate-VM00
- FortiGate 200-280 series
- FortiGate-300C & 300D
- FortiGate-310B
- FortiGate-310B-POE
- FortiGate-VM01
- FortiGate-311B
- FortiGate-500D
- FortiGate-600C
- FortiGate-620B-DC
- FortiGate-620B & 621B
- FortiGate-VM02
- FortiGate-800C
- FortiGate-VM04
- FortiGate-1000C & 1240B
- FortiGate-1500D
- FortiGate-3016B
- FortiGate-3040B & 3140B
- FortiGate-3240C
- FortiGate-3600C
- FortiGate-3810A
- FortiGate-3700D, 3950B, 3951B, & VM08
- FortiGate-VM, VM64, & VM64-XEN
- FortiGate 5001 series
- FortiGate-5101C
- FortiSwitch-5203B

OBJECT		FG-VMEV	FG-20	FG-30	FG-40C	FG-60C	FG-60D	FG-70 & 90	FG-80	FGR-100C	FG-100-140	FG-VM00	FG-200-240	FG-300C & 300D	FG-310B	FG-310B-POE	FG-VM01	FG-311B	FG-500D	FG-600C	FG-620B-DC	FG-620B-621B	FG-VM02	FG-800C	FG-VM04	FG-1000C-1240B	FG-1500D	FG-3016B	FG-3040B-3140B	FG-3240C	FG-3600C	FG-3810A	FG-3950B-3951B & VM08	FG-VM, VM64, & VM64-XEN	FG-5001	FG-5101C	FS-5203B
SYSTEM																																					
Access profiles		8	8	8	8	8	8	8	8	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	64	64	64	64	64	64	64	64	64	64	64	64
Admin accounts		300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	550	550	550	550	550
ARP	Proxy	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Table size	2000	2000	2000	2000	2000	2000	2000	2000	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	10240	16834	16834	16834	16834	16834	16834	16834	16834	16834	16834	16834	16834
Certificates	Local	200	200	200	200	200	200	200	200	200	200	200	200	500	500	500	500	500	500	500	500	500	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	CA	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	CRL	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Concurrent explicit proxy users		2000	-	-	1000	1000	500	500	1000	2000	2000	18000	3000	4000	4000	4000	18000	4000	4000	8000	8000	8000	18000	12000	18000	15000	15000	15000	15000	12000	15000	15000	18000	18000	18000	18000	18000
DHCP	Address ranges per server	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Exclude ranges per server	4	4	4	4	4	4	4	4	4	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	Reserved addresses	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
	Servers	16	32	32	32	32	32	32	32	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	1024	1024	1024	1024	1024	1024	1024	4192	4192	4192	4192	4192
GRE tunnels		INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT
Interfaces (VLAN + physical)	NAT/Route mode	256	256	256	256	256	256	256	256	256	4096	4096	4096	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
	Transparent mode	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254	254
IPS URL filter DNS		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
IPv6 prefix lists per interface		32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
IPv6 tunnels		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
MAC address table size		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Replacement messages	Groups	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
	Images	7	7	7	7	7	7	7	7	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	30	30	30	30	30	30	30	30	30	30	30	30
Secondary IP addresses per interface		32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

Session-TTL ports		512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
SIT tunnels		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
SNMP	Communities	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	Hosts per community	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
	Users	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
VDOM links		INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT
Zones		20	20	20	20	20	20	20	20	20	50	50	50	100	100	100	100	100	100	100	100	200	200	200	200	500	500	500	500	500	500	500	500	500	500	500	500	500	500
ROUTER																																							
Access lists	Entries	32	32	32	32	32	32	32	32	32	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Rules per entry	20	20	20	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	512	512	512	512	512	512	512	512	512	512	512	512	512	512
Authentication paths		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BGP	Aggregate addresses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Confederation peers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neighbors	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
	Networks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Redistribution tables	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Routes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Community lists		64	64	64	64	64	64	64	64	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048
Keychain	Entries	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Rules per entry	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
OSPF	Areas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Area ranges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Distribute lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Filter lists	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Interfaces	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Neighbours	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Networks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Passive interfaces	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Redistribution tables	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Summary addresses	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	Virtual links	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Policy routes		100	100	100	100	100	100	100	100	100	100	100	100	250	250	250	250	250	100	250	250	250	250	250	250	250	250	250	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048
Prefix lists	Entries	32	32	32	32	32	32	32	32	32	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Rules per entry	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
RIP	Distances	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Distribute lists	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Interfaces	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Neighbours	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Networks	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Offset lists	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Passive interfaces	256	256	256	256	256	256	256	256	256	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Route	Maps	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Rules per map	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Static routes		100	100	100	100	100	100	100	100	100	500	500	500	5000	5000	5000	500	500	500	500	10000	500	500	500	500	10000	500	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Static routes (IPv6)		8	8	8	8	8	8	8	8	8	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
FIREWALL & FIREWALL OBJECTS																																							
Addresses	Addresses	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000
	Addresses per group	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	1000	300	300	1000	1000	1000	1000	1000
	Address groups	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
Central NAT table entries		256	256	256	256	256	256	256	256	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
DNS translations		32	32	32	32	32	32	32	32	32	32	32	512	512	512	512	512	512	512	512	512	512	512	512	1024	512	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024
IP addresses per FQDN list		32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
IP pools		512	512	512	512	512	512	512	512	512	512	512	512	1024	1024	1024	1024	1024	1024	1024	1024	2048	2048	2048	2048	2048	2048	2048	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
IPv6	Addresses	5000	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000
	Address groups	2500	2500	2500	2500	2500	2500	2500	2500	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
	Policies	5	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
Multicast	Addresses	512	512	512	512	512	512	512	512	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096
	Policies	32	32	32	32	32	32	32	32	32	64	64	64	128	128	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256
NAT46 Policies		5	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
NAT64 Policies		5	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
Policies	Policies	5	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000	100000
	Users/devices /groups per identity-based policy	100	100	100	100	100	100	100	100	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	800	800	800	800	800	800	800	800	800	800	800	800	800	800

Profile groups		32	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000
Protocol options profiles		2	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Schedules	One-time	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
	Recurring	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
Services	Categories	200	200	200	200	200	200	200	200	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	5000	5000	5000	5000	5000	5000	5000	10000	10000	10000	10000	10000	10000	10000
	Groups	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	1000	1000	500	500	1000	1000	500	1000	500	1000	500	1000
	Members per group	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	Services	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096	4096
SSL/SSH/deep inspection options		2	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Traffic shaping	Per IP traffic shapers	32	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Traffic shapers	32	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Virtual IPs	Groups	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Load balancing monitors	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512
	Load balancing virtual servers	50	128	128	128	128	128	128	128	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	512	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048
	Members per group	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024
	NAT46 groups	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	NAT46 virtual IP mapping	50	512	512	512	512	512	512	512	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
	NAT64 groups	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	NAT64 virtual IP mapping	50	512	512	512	512	512	512	512	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
	Real servers per virtual server	-	4	4	4	4	4	4	4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Virtual IP mapping (excluding load balance virtual servers)	50	512	512	512	512	512	512	512	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	2048	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
SECURITY PROFILES																																							
AntiVirus profiles		2	32	32	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
Application control sensors		10	10	10	10	10	10	10	10	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Client reputation geographic locations		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Data leak prevention	Entries per file pattern	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	File patterns	2	200	200	200	200	200	200	200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	12500	12500	12500	12500	12500	12500	12500
	Filters per sensor	20	100	100	100	100	100	100	100	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	10000	10000	10000	10000	10000	10000	10000	50000	50000	50000	50000	50000	50000	50000
	Fingerprint sensitivity levels	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
	Sensors	2	25	25	25	25	25	25	25	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	1000	1000	1000	1000	1000	1000	1000	1500	1500	1500	1500	1500	1500	1500
Intrusion prevention system	Custom signatures	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
	Sensors	10	10	10	10	10	10	10	10	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Vulnerability scan assets		25	200	200	200	200	200	200	200	200	1000	1000	1000	2000	2000	2000	2000	2000	1000	2000	2000	2000	2000	2000	2000	65535	65535	65535	65535	65535	65535	65535	65535	65535	65535	65535	65535	65535	65535
Spam filter	Banned word entries per list	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	Banned words lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	10	1000	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Black/white list entries	40000	40000	40000	40000	40000	40000	40000	40000	64000	64000	64000	64000	100000	100000	100000	100000	100000	100000	64000	100000	100000	100000	100000	100000	500000	500000	500000	500000	500000	500000	500000	500000	500000	500000	500000	500000	500000	500000
	Black/white lists	20	20	20	20	20	20	20	20	20	20	20	20	20	20	2000	2000	2000	2000	20	2000	2000	2000	2000	2000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
	DNS-based blackhole list entries	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	DNS-based blackhole lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	10	1000	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MIME header list entries	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	>MIME header lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	10	1000	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Profiles	10	10	10	32	32	32	32	32	32	32	32	32	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Trusted IP addresses list entries	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	Trusted IP addresses lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	10	1000	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Web filter	Content block entries per list	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000

	Content block lists	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	FortiGuard local categories	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
	FortiGuard local ratings	1000	1000	1000	2000	2000	2000	2000	2000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000
	FortiGuard warnings	10	10	10	50	50	50	50	50	200	200	200	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	500	500	500
	Overrides	10	10	10	50	50	50	50	50	200	200	200	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	500	500	500
	Profile keyword matches	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	Profiles	4	32	32	32	32	32	32	32	32	32	32	32	20000	20000	20000	20000	20000	500	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000
	URL Filters	10	10	10	10	10	10	10	10	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	URL filter entries	20000	20000	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	50000	50000	50000	50000	50000	32000	50000	50000	50000	50000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
VPN																																							
IPsec	Concentrators	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Manual key configurations	50	50	50	50	50	50	50	50	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Phase 1 (Interface mode)	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT
	Phase 1 (Policy mode)	200	200	200	200	200	200	200	200	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	20000	20000	20000	20000	20000	20000	20000	40000	40000	40000	40000	40000
	Phase 2 (Interface mode)	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT	INT
	Phase 2 (Policy mode)	200	200	200	200	200	200	200	200	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	20000	20000	20000	20000	20000	20000	20000	40000	40000	40000	40000	40000
	Tunnels per concentrator	10	10	10	100	100	100	100	100	160	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
SSL	Bookmarks per portal	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
	Bookmarks per user	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
	Portals	-	1	1	1	10	10	10	10	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	256	256	256	256	256	256	256	256	256	256	256	256	256
USER & DEVICE																																							
AD groups		256	256	256	256	256	256	256	256	256	256	256	256	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
Devices		-	10	10	10	200	200	32	200	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
Endpoint control profiles		32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
FortiTokens		20	20	20	100	100	100	100	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
FSSO polling entries		5	5	5	5	5	5	5	5	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	100	100	100	100	100	100	100	100	100	100	100	100	100
FSSO servers		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Guest users		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024
LDAP servers		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Local users		20	20	20	500	500	500	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
Members per user group		350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Peers		20	20	20	500	500	500	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
RADIUS	Accounting servers per RADIUS server	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Servers	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TACACS+ servers		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
User groups		100	100	100	100	100	100	100	100	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	800	800	800	800	800	800	800	800	800	800	800	800	800
WAN OPTIMIZATION & CACHE																																							
Authentication groups		16	16	16	16	16	16	16	16	16	32	32	32	64	64	64	64	64	64	64	64	64	64	64	128	128	128	128	128	128	128	128	128	128	128	128	128	128
Peers		32	32	32	32	32	32	32	32	32	64	64	64	128	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256
Profiles		32	32	32	32	32	32	32	32	32	64	64	64	128	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256
SSL servers		32	32	32	32	32	32	32	32	32	64	64	64	128	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256
WIRELESS CONTROLLER																																							
Custom AP profiles		128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
Custom AP profile MAC deny list entries		256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
Managed FortiAPs (Total / Tunnel Mode)		1 / 1	-	2 / 2	10 / 5	10 / 5	10 / 5	32 / 16	32 / 16	64 / 32	64 / 32	64 / 32	64 / 32	512 / 256	512 / 256	512 / 256	64 / 32	512 / 256	512 / 256	1024 / 512	512 / 256	512 / 256	512 / 256	1024 / 512	512 / 256	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024	4069 / 1024
SSIDs		16	32	32	32	32	32	32	32	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024
SSID lists per FortiAP		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
LOG & REPORT																																							
Custom log fields per policy		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Reports	Body items per layout	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
	Charts	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320
	Datasets	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320	320
	Fields per datasets	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
	Footers per page per layout	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

Headers per page per layout	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Layouts	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
Column mapping per chart	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Styles	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256
Summaries	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
Themes	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

CHANGE LOG	
Feb 8, 2015.	Added Spam filter entries.
Oct 16, 2014.	Added FortiGate-300D. Added IP addresses per FQDN list.
July 29, 2014.	Updated to FortiOS 5.0.8. Added FortiGate-500D. Removed limits for WiFi MAC address list entries, Log traffic filter rules, Web cache exempt lists, RIP Redistribution tables, Regex URL filter entries per list, and SMS providers. Added values for URL filters and URL filter entries. Updated values for IPS URL filter DNS, IPsec Phase 1 (Policy mode), and IPsec Phase 2(Policy mode). Renamed Mapping per chart to Column mapping per chart
May 23, 2014.	Changed value for interfaces in Transparent mode.
Apr. 30, 2014	Added note about the max values.
Apr. 28, 2014	Updated to FortiOS 5.0.7. Combined managed FortiAPs values and Changed them to Global values.
Mar. 14, 2014	Added separate column for FortiGate 30D series and updated number of managed FortiAPs.
Mar. 13, 2014	Increased Static Route limit for FortiGate-620B-DC, FortiGate-620B, FortiGate-621B, FortiGate-VM02, and FortiGate-VM04.
Feb. 27, 2014	Increased Static Route limit for FortiGate-600C and FortiGate-800C. Created a separate column for FortiGate-30D Series and increased limit for managed FortiAP units.
Feb. 17, 2014	Changed Transparent mode interfaces limit to a VDOM limit.
Feb. 11, 2014	Added FortiGate models 1500D and 3700D.
Jan. 28, 2014	Added FSSO polling entries.
Nov. 20, 2013	Changed GRE tunnels, VDOM Links, IPsec VPN Phase 1 (Interface Mode), and IPsec VPN Phase 2 (Interface Mode) value to INT (limited by number of available interfaces).
Nov. 11, 2013	Added "Concurrent explicit proxy users." Updates throughout to bring up to date for FortiOS 5.0.5.

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