FORTINET

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 FortiGate60C 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 contains the values for FortiOS 5.2.7. For more information, see the Change Log.

If you wish to find out the complete maximum values for your FortiGate unit, use the following CLI command:

```
print tablesize
```

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.
*	An exception is listed at the bottom of this field for the limit.

Models: Toggle All

- FortiGate VM (Evaluation Version)
- FortiGate/FortiWiFi 20 series
- FortiGate/FortiWiFi 30 series
- FortiGate/FortiWiFi 40C
- FortiGate/FortiWiFi 60 series (including FortiGate Rugged)
- FortiGate/FortiWiFi 70D & 90 series
- FortiGate/FortiWiFi 80 series
- FortiGate 100 series (including FortiGate Rugged)
- FortiGate VM00
- FortiGate 200B series
- FortiGate 200D series
- FortiGate 300C, 300D, 310B-DC, 311B, 400D & 500D
- FortiGate 310B
- FortiGate VM01
- FortiGate 600C & 600D
- FortiGate 620B-DC
- FortiGate 620B & 621B
- FortiGate VM02
- FortiGate 800C, 800D, & 900D
- FortiGate VM04
- FortiGate 1000C, 1240B, 1500D, & 1500DT
- FortiGate 1000D
- FortiGate 1200D
- FortiGate 3016B
- FortiGate 3040B & 3140B
- FortiGate 3240C
- FortiGate 3600C
- FortiGate 3810A
- FortiGate 3810D
- FortiGate 3000D, 3100D, 3200D, 3700D, 3815D, 3950B, 3951B, & VM08
- FortiGate VM & VM64
- FortiGate 5001 series
- FortiGate 5101C & FortiController 5902D
- FortiSwitch 5203B

OBJECT		VMEV	20 series	30 series	40C	60 series	70D & 90 series	80 series	100 series	VM00	200B series	200D series	300C, 300D, 310B-DC, 311B, 400D & 500D	310B	VM01	600C & 600D	620B-DC	620B & 621B	VM02	800C, 800D, & 900D	VM04	1000C, 1240B, 1500D, & 1500DT	1000D	1200D	3016B	3040B & 3140B	3240C	3600C	3810A	3810D	3000D, 3100D, 3200D, 3700D, 3815D, 3950B,3951B & VM08	VM & VM64	5001 series	5101C & 5902D	5203B
SYSTEM																																			
Access profiles		8	8	8	8	8	8	8	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	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	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
	Table size	2000	2000	2000	2000	2000	2000	2000	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	16834	16834
Certificates	Local	200	200	200	200	200	200	200	200	200	200	200	500	500	500	500	500	500	500	500	1000	1000	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	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	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
Concurrent explicit proxy users		2000	-	500	500	1000*	1000*	1000	8000	500	8000	8000	8000	4000	1000	8000	8000	8000	8000	16000	16000	15000*	15000	15000	16000	16000	16000	16000	16000	32000	18000*	32000	32000	32000	32000
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

	Exclude ranges per server	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	16	16
	Reserved addresses	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	5000	5000	500	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
	Servers	16	32	32	32	32	32	32	256	256	256	256	256	256	256	256	256	256	256	256	256	1024	1024	1024	1024	1024	1024	1024	1024	1024	4192	4192	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	4096	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	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	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
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	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	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
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
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
	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
	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
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
WiFi MAC address list entries		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
Zones		20	20	20	20	20	20	20	50	50	50	50	100	100	100	100	100	200	200	200	200	500	500	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	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	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	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
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
	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
	Neighbors	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	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
	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
	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
Community lists		64	64	64	64	64	64	64	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	2048	2048
Keychain	Entries	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	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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
Policy routes		250	250	250	250	250	250	250	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	2048	2048
Prefix lists	Entries	32	32	32	32	32	100	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
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
	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
	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
	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
	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
	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
	Passive interfaces	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
	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
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
	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
Static routes		100	100	100	100	100	100	100	500	500	500	500	5000	5000	500	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Static routes (IPv6)		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	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	40000	40000	40000	40000	40000	40000	100000	40000	40000	100000	100000	100000	100000	100000
	Addresses per group	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
	Address groups	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	20000	2500	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000
Central NAT table entries		256	256	256	256	256	256	256	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	512	512	512	512	512	512	512	512	512	1024	512	1024	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
IP pools		512	512	512	512	512	512	512	512	512	512	512	1024	1024	1024	1024	1024	2048	2048	2048	2048	2048	2048	2048	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
IPv6	Addresses	5000	5000	5000	5000	5000	5000	5000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	40000	40000	40000	40000	40000	40000	100000	40000	40000	100000	100000	100000	100000	100000
	Address groups	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
	Policies	5	5000	5000	5000	5000	5000	5000	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	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	64	64	64	64	128	128	128	128	128	128	128	128	256	256	256	128	256	256	256	256	256	256	256	256	256	256	256
NAT46 Policies		5	5000	5000	5000	5000	5000	5000	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	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	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	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	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	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
	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
Services	Categories	200	200	200	200	200	200	200	500	500	500	500	500	500	500	500	500	500	500	500	500	5000	5000	5000	5000	5000	5000	5000	5000	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	1000	1000	1000	1000	500	1000	500	1000	1000	500
	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
	Services	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	1024	4096	4096	4096	1024	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	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	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	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
	IPv6 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
	IPv6 virtual IP mapping	50	512	512	512	512	512	512	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
	Load balancing monitors	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	256	512	512	512	256	512	512	512	512	512	512	512	512	512	512	512
	Load balancing virtual servers	50	128	128	128	128	128	128	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	1024	1024	1024	500	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
	NAT46 virtual IP mapping	50	512	512	512	512	512	512	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
	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
	NAT64 virtual IP mapping	50	512	512	512	512	512	512	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
	Real servers per virtual server	-	4	4	4	4	4	4	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	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	16384	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768	32768
SECURITY PROFILES																																					
AntiVirus	Content Type	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	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	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	32	32	32	32	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
Data leak prevention	Entries per file pattern	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	File patterns	2	200	200	200	200	200	200	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	12500	12500	12500	12500	12500	12500
	Filters per sensor	20	100	100	100	100	100	100	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	10000	10000	10000	10000	10000	10000	10000	1000	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
	Sensors	10	10	10	32	32	32	32	64	64	64	64	64	64	64	64	64	64	64	64	64	1000	1000	1000	1000	1000	1000	1000	1000	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
	Sensors	10	10	10	32	32	32	32	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	1000	1000	1000	1000	2000	2000	2000	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	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	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	1000	1000	1000	1000	1000	1000	1000	2000	2000	2000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Black/white list entries	40000	40000	40000	40000	40000	40000	40000	64000	64000	64000	64000	100000	100000	100000	100000	100000	100000	100000	100000	500000	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	2000	2000	2000	2000	2000	2000	2000	4000	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	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	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	1000	1000	1000	1000	1000	1000	1000	2000	2000	2000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MIME header list entries	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	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	1000	1000	1000	1000	1000	1000	1000	2000	2000	2000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Profiles	10	10	10	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
	Trusted IP addresses list entries	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	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	1000	1000	1000	1000	1000	1000	1000	2000	2000	2000	1000	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	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	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	1000	1000	1000	1000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	Exempt word entries per list	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000	250000
	Exempt word lists	10	10	10	10	10	10	10	10	10	10	10	10	1000	1000	1000	1000	1000	1000	1000	2000	2000	2000	1000	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
	FortiGuard local ratings	1000	1000	1000	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
	FortiGuard warnings	10	10	10	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	500	500	500
	Overrides	10	10	10	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	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
	Profiles	10	10	10	32	32	32	32	32	32	32	32	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	20000	2000	20000	20000	20000	20000	20000
	URL Filters	10	10	10	10	10	10	10	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	1000
	URL filter entries	20000	20000	20000	20000	20000	20000	20000	32000	32000	32000	32000	50000	50000	50000	50000	50000	50000	50000	50000	250000	250000	250000	50000	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
	Manual key configurations	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
	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
	Phase 1 (Policy mode)	200	200	200	200	200	200	200	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	20000	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
	Phase 2 (Policy mode)	200	200	200	200	200	200	200	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	20000	20000	20000	20000	20000	20000	20000	20000	40000	40000	40000	40000	40000
	Tunnels per concentrator	10	10	10	100	100	100	100	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
	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
	Portals	-	1	1	1	10	10	10	50	50	50	50	50	50	50	128	50	50	50	128 *	50	256	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	1024	1024	1024	1024	1024	1024	1024	1024	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192	8192
Devices		10	10	400	400	400	400	400	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	16000	16000	16000	16000	40000	40000	40000	40000	40000	40000	40000	40000	40000	40000	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
FortiTokens		20	20	20	100	100	100	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
FSSO polling entries		5	5	5	5	5	5	5	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	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
Guest users		500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	1024	1024	1024	500	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
Local users		20	20	20	500	500	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	5000	1000	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
Peers		20	20	20	500	500	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	5000	5000	1000	1000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
RADIUS	Accounting servers per	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

	RADIUS server																																			
	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
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
User groups		100	100	100	100	100	100	100	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	800
WAN OPTIMIZATION & CACHE																																				
Authentication groups		16	16	16	16	16	16	16	32	32	32	32	64	64	64	64	64	64	64	64	128	128	128	64	128	128	128	128	128	128	128	128	128	128	128	128
Peers		32	32	32	32	32	32	32	64	64	64	64	128	128	128	128	128	128	128	128	256	256	256	128	256	256	256	256	256	256	256	256	256	256	256	256
Profiles		32	32	32	32	32	32	32	64	64	64	64	128	128	128	128	128	128	128	128	256	256	256	128	256	256	256	256	256	256	256	256	256	256	256	256
SSL servers		32	32	32	32	32	32	32	64	64	64	64	128	128	128	128	128	128	128	128	256	256	256	128	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
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
Managed FortiAPs (Total / Tunnel Mode)		1 / 1	-	2 / 2	10 / 5	10 / 5	32 / 16	32 / 16	64 / 32	64 / 32	64 / 32	128 / 64	512 / 256	512 / 256	64 / 32	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	4069 / 1024	4069 / 1024
SSIDs		16	32	32	32	32	32	32	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	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
WIDS profiles		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
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
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
	Charts	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	320	320
	Datasets	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	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
	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
	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
	Layouts	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
	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
	Styles	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	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	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Threat Weight	Application-control settings	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
	Geolocation-based settings	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
	Web-based settings	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96

* Exception: FortiGate 60C-SFP has a concurrrent explicit proxy users limit of 500.

* Exception: the following models have a concurrrent explicit proxy users limit of 500: FortiGate 90D, FortiGate 92D, and FortiWiFi 92D.

* Exception: FortiGate 1240B and FortiGate 1500D have a concurrent explicit proxy users limit of 16000.

* Exception: FortiGate 3950B, 3951B, and FortiGate-VM08 have a concurrent explicit proxy users limit of 32000.

* Exception: The VLAN limit for FortiGate 20 series is 5 VLANs per interface.

* Exception: The VLAN limit for FortiGate 30 series is 20 VLANs per interface.

* Exception: FortiGate 800D has a SSL VPN Portal limit of 50.

CHANGE LOG	
Apr 14, 2016	Initial release.

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