



FortiGate[®] Maximum Values Matrix

Version 4.0 MR1
Technical Note

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Revision history

| Version | Date | Description of changes |
|---------------|-------------------|--|
| First Release | 23 October 2003 | FortiOS v2.50 |
| Release 2 | 9 March 2004 | Updated the DHCP address scopes and DHCP reserved IP/MAC pairs maximum values. Added FortiGate-800, FortiGate-4000, FortiGate-50A, and FortiWiFi-60. Updated Web filter and email filter maximum values. FortiOS v2.50 |
| Release 3 | 5 May 2004 | Complete change for FortiOS v2.80 |
| Release 4 | 17 August 2004 | Updated maximum numbers of Virtual Domains for NAT/Route and Transparent mode. Clarified Spam Filter limits. Removed model 2000. FortiOS v2.80 MR4 |
| Release 5 | 5 November 2004 | Corrected max number of protection profiles to 200 for models 3000 and up. |
| Release 6 | 25 February 2005 | Added 50AM, 60M, 100A, 200A, 300A, 400A, 500A models. Added statement the maximum values table shows maximum configurable values and is not a promise of performance. |
| Release 7 | 08 April 2005 | Removed items that depend on memory availability, including Web Filter and Spam Filter lists. Removed "(per virtual domain)" indications and added the statement that limits are global for globally configured features, per-VDOM for features configured in each VDOM. |
| Release 8 | 12 May 2005 | Corrected DHCP Servers entry. For models 200 and above, the maximum number of DHCP servers is 32 per VDOM, not 8. This is a long-standing error. |
| Release 9 | 4 October 2005 | Updated, reformatted for FortiOS v3.0. |
| Release 10 | 26 October 2005 | Changed number of interfaces for 100A to 64. |
| Release 11 | 28 April 2006 | Added new features, updated limits for existing features where required. Added VDOM/global limits to features that can be configured per VDOM and globally. NOTE: The feature DHCP IP/MAC Bindings is now referred to as DHCP Reserved addresses . |
| Release 12 | 19 June 2006 | Added new features for FortiOS v3.0 MR2 PD 19 June 2006. |
| Release 13 | 29 September 2006 | Added/updated features for FortiOS v3.0 MR3 PD 29 September 2006. |
| Release 14 | 29 December 2006 | Added/updated features for FortiOS v3.0 MR4 PD 29 December 2006. |
| Release 15 | 08 February 2007 | Corrected value in Router (NAT mode), Static, Static routes. |
| Release 16 | 11 April 2007 | Corrected system interface values, divided into Transparent and NAT mode. |
| Release 17 | 15 June 2007 | Added/updated features for FortiOS v3.0 MR5 PD 25 June 2007. |
| Release 18 | 15 January 2008 | Added/updated features for FortiOS v3.0 MR6 FCS 15 January 2008. Included increased values for remote authentication servers, increase in local users and static routes, addition of TACACS+ users, SSL VPN bookmarks, load-balancing monitors, router authentication paths, and removal of IPS anomalies. |
| Release 19 | 15 May 2008 | Added the FortiGate-310B. |

| Version | Date | Description of changes |
|------------|-------------------|---|
| Release 20 | 26 August 2008 | Updated the values for 3.0MR7 and added the FortiGate-30B. |
| Release 21 | 4 March 2009 | Updated the values for 4.0 and added the FortiGate-110B and the FortiGate-620B. |
| Release 22 | 15 April 2009 | Added the FortiGate-3600, 50B, 51B, 110C and 111C models. Added maximum values for DLP, application control, identity-based policies, traffic shapers, endpoint control, transparent mode interface limit, antispam banned words, antispam DNSBL, antispam email black/white lists, antispam IP address black/white lists, antispam trusted IP lists, antispam MIME header lists, SIT tunnel, WAN opt authentication groups, WAN opt peers, WAN opt rules, WAN opt SSL servers, web filter content block, web filter exempt, web filter URL filter, FortiGuard web filtering local ratings, and FortiGuard web filtering overrides. |
| Release 23 | 22 May 2009 | Corrected some FortiGate-30B values and added the virtual servers table. |
| Release 24 | 29 July 2009 | Expanded the virtual servers and real servers per virtual server information to cover all models and moved it into the main table under Firewall. |
| Release 25 | 10 September 2009 | Updated the values for 4.0MR1 and added the FortiWiFi-80CM, FortiGate-80CM, 80C, and 82C. |
| Release 26 | 3 November 2009 | Updated to include FortiGate-1240B units running special build 3.0 MR7. This release is intended for only those FortiGate-1240B units running special build 3.0 MR7 and contains information that is supported for that build. For example, application control and DLP information is left blank because there is no application control or DLP feature in FortiOS 3.0 MR7. |
| Release 27 | 11 November 2009 | Updated to include virtual servers and real servers per virtual server. |
| Release 28 | 12 November 2009 | Revised numbers for virtual servers. |
| Release 29 | 17 November 2009 | Added FortiGate-200B values. |
| Release 30 | 23 November 2009 | Corrected numbers for virtual servers for 80 models and 110C and 111C models. |
| Release 31 | 2 February 2010 | Added information for FortiGate-1240B and FortiGate-200B. |

FortiGate maximum values

This table shows maximum configurable values and is not a promise of performance.

Limits are global for features that are global, per virtual domain for features that are configured for each VDOM. For information about global and per-VDOM features, see the *FortiGate VLAN and VDOM Guide*.

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600,3600A 3016B, 3810A | 5000 Series |
|------------------------|---|---|----------------------|---------------|------|---------------|------------------|------|------|------------|------|------|------|----------|---------------|-------|-------------------------|-------------|
| System | | | | | | | | | | | | | | | | | | |
| Interface | NAT mode: Interfaces (VLAN + physical) per VDOM | 3† | 256 | 256 | 256 | 4096 | 4096 | 4096 | 4096 | 8192 | 4096 | 8192 | 8192 | 8192 | 8192 | 8192 | 8192 | 8192 |
| | Transparent mode: Interfaces (VLAN + physical) per VDOM | 3† | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 | 255 |
| | Secondary IP addresses per interface | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| | IPv6 prefix lists per interface | 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 |
| SIT tunnels per VDOM | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Zones | | 20 | 20 | 20 | 20 | 50 | 50 | 50 | 50 | 100 | 100 | 100 | 200 | 100 | 200 | 500 | 500 | 500 |
| Zone interfaces | | ** See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| DHCP | DHCP servers per VDOM | 8 | 8 | 8 | 8 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| | DHCP exclude ranges | 4 | 4 | 4 | 4 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | DHCP reserved addresses | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| SNMP v1&v2c | Communities | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Community hosts | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Admin | Accounts | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 550 |
| | Access profiles | 8 | 8 | 8 | 8 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 64 | 16 | 64 | 64 | 64 | 64 |
| Session-helper | | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 |
| Session-TTL ports | | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 |
| Mac Address table size | | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| VDOM link | | ** VDOM links are interfaces. See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| GRE tunnel | | ** GRE tunnels are interfaces. See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| ARP table size | | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 1024 | 200 | 200 | 200 | 1024 | 200 | 8192 | 8192 | 8192 |
| ARP proxy | | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600, 3600A 3016B, 3810A | 5000 Series | |
|--------------------------------|--------------------------------|--------------------|----------------------|---------------|------|---------------|------------------|------|------|------------|------|------|-------|----------|---------------|-------|--------------------------|-------------|-----|
| TOS-based priority | | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | |
| Router (NAT mode) | | | | | | | | | | | | | | | | | | | |
| Static | Static routes | 100 | 100 | 100 | 100 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 10000 | 500 | 10000 | 10000 | 10000 | 10000 | |
| Static6 | Static routes for IPv6 | 8 | 8 | 8 | 8 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | |
| Policy | Policy routes | 16 | 16 | 16 | 16 | 100 | 100 | 100 | 100 | 250 | 100 | 100 | 250 | 250 | 250 | 250 | 250 | 250 | |
| Access-list | Entries | n/a | 32 | 32 | 32 | 100 | 100 | 20 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Rules per entry | n/a | 20 | 20 | 20 | 20 | 20 | 100 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Prefix-list | Entries | n/a | 32 | 32 | 32 | 100 | 100 | 20 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Rules per entry | n/a | 20 | 20 | 20 | 20 | 20 | 16 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Key-chain | Entries | n/a | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 100 | 16 | 100 | 100 | 100 | 100 | |
| | Rules per entry | n/a | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| BGP | Confederation- peers | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Aggregate-addresses | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Neighbors | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Networks | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Redistribution tables per VDOM | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| <i>Authentication paths</i> | | ** No set limit ** | | | | | | | | | | | | | | | | | |
| RIP | Networks | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Distribute lists | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Neighbors | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Offset lists | n/a | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | |
| | Distances | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Passive interfaces | n/a | 256 | 256 | 256 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| | Interfaces | n/a | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| Redistribution tables per VDOM | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600,3600A 3016B, 3810A | 5000 Series | |
|--------------------------------|---------------------------------------|--------------------|---|---------------|------|---------------|-------------------|------|-------|------------|-------|-------|--------|----------|---------------|-------|-------------------------|-------------|----|
| OSPF | Areas | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Range of areas | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Virtual links | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Filter lists | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Interfaces | n/a | ** See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| | Networks | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Neighbors | n/a | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Passive interfaces | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| | Summary addresses | n/a | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Distribute lists | n/a | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Redistribution tables per VDOM | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Route | Map | n/a | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| | Map rule | n/a | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Firewall | | | | | | | | | | | | | | | | | | | |
| Policies | VDOM | 200 | 200 | 500 | 1000 | 5000 | 2000 ^M | 8000 | 5000 | 20000 | 5000 | 20000 | 50000 | 20000 | 50000 | 50000 | 50000 | 50000 | |
| | Unit | ** No set limit ** | | | | 10000 | 4000 ^N | 1600 | 10000 | 40000 | 10000 | 40000 | 100000 | 40000 | 100000 | 10000 | 100000 | 100000 | |
| | User groups per identity-based policy | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | |
| Policy pool names | | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | |
| IPv6 policies | VDOM | 200 | 200 | 500 | 1000 | 2000 | 2000 | 2000 | 5000 | 20000 | 5000 | 20000 | 50000 | 20000 | 50000 | 50000 | 50000 | 50000 | |
| | Unit | ** No set limit ** | | | | 4000 | 4000 | 4000 | 10000 | 40000 | 10000 | 40000 | 100000 | 40000 | 100000 | 10000 | 100000 | 100000 | |
| Multicast policies | | 32 | 32 | 32 | 32 | 64 | 64 | 64 | 64 | 128 | 64 | 128 | 128 | 128 | 128 | 256 | 256 | 256 | |
| DNS translations | | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | |
| Load balancing monitor | VDOM | n/a | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 512 | 512 | 512 | |
| | Unit | n/a | ** No set limit ** | | | | | | | | | | | | | | | | |
| Addresses | VDOM | 500 | 500 | 500 | 500 | 1000 | 1000 | 1000 | 3000 | 6000 | 3000 | 6000 | 10000 | 6000 | 10000 | 10000 | 10000 | 10000 | |
| | Unit | ** No set limit ** | | | | | | 1000 | 6000 | 12000 | 6000 | 12000 | 20000 | 12000 | 20000 | 20000 | 20000 | 20000 | |
| IPv6 addresses | VDOM | 500 | 500 | 500 | 500 | 1000 | 1000 | 1000 | 3000 | 6000 | 3000 | 6000 | 10000 | 6000 | 10000 | 10000 | 10000 | 10000 | |
| | Unit | ** No set limit ** | | | | | | 1000 | 6000 | 12000 | 6000 | 12000 | 20000 | 12000 | 20000 | 20000 | 20000 | | |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600, 3600A 3016B, 3810A | 5000 Series |
|------------------------|---|-------|----------------------|----------------|-------|---------------|------------------|-------|-------|------------|-------|-------|-------|----------|-------------------|-------|--------------------------|--------------------|
| Feature | | | | | | | | | | | | | | | | | | |
| Address group | Groups/VDOM | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 4096 | 500 | 4096 | 4096 | 4096 | 4096 |
| | Groups/Unit | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 10000 | 2500 | 10000 | 10000 | 10000 | 10000 |
| | Addresses per group | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| IPv6 address group | Groups/VDOM | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 4096 | 500 | 4096 | 4096 | 4096 | 4096 |
| | Groups/Unit | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 10000 | 2500 | 10000 | 10000 | 10000 | 10000 |
| Service | Predefined services | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| | Custom services | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 4096 | 4096 | 4096 |
| Service group | Groups | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| | Services per group | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| Schedules | One-time | 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 |
| Virtual IP | Virtual IPs | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 2048 | 500 | 500 | 8196 | 500 | 8196 ^K | 10000 | 10000 ^D | 10000 ^B |
| | VIP groups | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| | Addresses per VIP group | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 1024 | 1024 | 1024 |
| Load Balance | Virtual servers | n/a | 1 | 1 ^Q | 1 | 3 | 500 | 500 | 500 | 500 | 500 | 500 | 8196 | 500 | 8196 ^K | 10000 | 10000 | 10000 ^J |
| | Real servers per Virtual server | n/a | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 16 | 16 | 16 | 32 |
| IP pools | | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 | 512 |
| Static IP/Mac bindings | | 256 | 256 | 256 | 256 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Protection profiles | | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 500 | 32 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Traffic Shapers | | n/a | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 500 | 32 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| UTM | | | | | | | | | | | | | | | | | | |
| AntiVirus | File patterns for auto-submission to Fortinet | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | File pattern lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | File pattern list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 5000 | 250000 | 250000 |
| Intrusion Protection | IPS sensors | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| | Custom IPS signatures | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600,3600A 3016B, 3810A | 5000 Series |
|------------------------------------|--|-------|----------------------|---------------|-------|---------------|------------------|-------|-------|------------|-------|-------|-------|----------|---------------|--------|-------------------------|-------------|
| Feature | | | | | | | | | | | | | | | | | | |
| Web Filter | Web content lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | Web content list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 25000 |
| | URL filter lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | URL filter list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 20000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 25000 |
| | Regex URL filter entries per VDOM | 100 | 100 | 1000 | 4000 | 4000 | 4000 | 4000 | 4000 | 10000 | 4000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 20000 |
| | FortiGuard local categories per VDOM | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| | FortiGuard local ratings per VDOM | 1000 | 1000 | 2000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |
| | FortiGuard admin overrides per VDOM | 10 | 10 | 50 | 200 | 200 | 200 | 200 | 200 | 400 | 200 | 400 | 400 | 400 | 400 | 400 | 400 | 500 |
| FortiGuard user overrides per VDOM | 10 | 10 | 60 | 200 | 200 | 200 | 200 | 200 | 400 | 200 | 400 | 400 | 400 | 400 | 400 | 400 | 500 | |
| AntiSpam | Banned word lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | Banned word list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 |
| | DNSBL lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | DNSBL list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 |
| | Email black/white lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | Email black/white list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 |
| | IP address black/white lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | IP address black/white list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 |
| | Trusted IP address lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| | Trusted IP address list per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 |
| | MIME header lists | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1000 | 10 | 10 | 1000 | 1000 | 1000 | 2000 | 2000 | 2000 |
| MIME header list entries per VDOM | 20000 | 20000 | 20000 | 32000 | 32000 | 32000 | 32000 | 32000 | 50000 | 32000 | 32000 | 50000 | 50000 | 50000 | 250000 | 250000 | 250000 | |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600, 3600A 3016B, 3810A | 5000 Series |
|--------------------------|------------------------------------|---|----------------------|------------------|-------|---------------|------------------|-------|-------|------------|-------|-------|-------|----------|---------------|-------|--------------------------|-------------|
| Data Leak Prevention | Rules per VDOM | 512 | 512 | 1000 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 |
| | Rules per unit | 512 | 512 | 1000 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 |
| | Compound rules per VDOM | 512 | 512 | 1000 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 | 16384 |
| | Compound rules per unit | 512 | 512 | 1000 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 | 32768 |
| | Sensors per VDOM | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 25000 | 8 | 8 | 25000 | 25000 | 25000 | 25000 | 32000 | 32000 |
| | Sensors per unit | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16384 | 16 | 50000 | 16 | 16 | 50000 | 50000 | 50000 | 64000 | 64000 |
| Application Control | Application Control Lists | 32 | 32 | 32 | 32 | 32 | 32 | 256 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | |
| VPN | | | | | | | | | | | | | | | | | | |
| Certificate | Local | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 1000 | 1000 | 1000 |
| | CA | 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 |
| IPSec | Phase1 per VDOM | 5 | 20 | 200 ^L | 80 | 1500 | 200 ^P | 2000 | 1500 | 3000 | 3000 | 3000 | 5000 | 3000 | 5000 | 5000 | 5000 | 5000 |
| | Phase1 per unit | ** No set limit ** | | | | | | | 3000 | 6000 | 3000 | 6000 | 10000 | 6000 | 10000 | 1000 | 10000 | 10000 |
| | Phase1 interface | ** See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| | Phase2 per VDOM | 5 | 20 | 200 ^L | 80 | 1500 | 200 ^P | 2000 | 1500 | 3000 | 3000 | 3000 | 5000 | 3000 | 5000 | 5000 | 5000 | 5000 |
| | Phase2 per unit | ** No set limit ** | | | | | | | 3000 | 6000 | 3000 | 6000 | 10000 | 6000 | 10000 | 1000 | 10000 | 10000 |
| | Phase2 interface | ** See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| | Manual-keys per VDOM | 5 | 20 | 50 | 80 | 200 | 200 ^P | 2000 | 1500 | 3000 | 1500 | 3000 | 5000 | 3000 | 5000 | 5000 | 5000 | 5000 |
| | Manual-keys per unit | ** No set limit ** | | | | | | | 3000 | 6000 | 3000 | 6000 | 10000 | 6000 | 10000 | 1000 | 10000 | 10000 |
| | Manual-keys interface | ** See maximum values for system interfaces. ** | | | | | | | | | | | | | | | | |
| Concentrators | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Tunnels per concentrator | 10 | 40 | 100 | 160 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| User | | | | | | | | | | | | | | | | | | |
| Local | Local users | 20 | 20 | 500 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 5000 | 5000 | 5000 |
| Radius | Servers | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| LDAP | Servers | 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 |
| Windows AD | Active Directory groups per domain | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 256 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | 1024 | |

| FortiGate Model | | 30B | All 50 and 60 models | All 80 models | 100A | 110C and 111C | 200A, 200B, 224B | 200B | 300A | 310B, 311B | 400A | 500A | 620B | 800 800F | 1000A 1000FA2 | 1240B | 3600,3600A 3016B, 3810A | 5000 Series |
|---------------------------------------|------------------------------|-----|----------------------|---------------|------|-----------------|------------------|------|------|------------------|------|------|------|----------|---------------|-------|-------------------------|------------------|
| User Group | User groups | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| | Members per user group | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| | FortiGuard override profiles | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| IM Users | AIM users | 20 | 20 | 500 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| | ICQ users | 20 | 20 | 500 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| | MSN users | 20 | 20 | 500 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| | Yahoo users | 20 | 20 | 500 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| WAN Optimization | | | | | | | | | | | | | | | | | | |
| Rule | Rules | n/a | n/a | n/a | n/a | 64 ^E | n/a | 64 | n/a | 128 ^F | n/a | n/a | 128 | n/a | n/a | 256 | 256 ^G | 256 ^H |
| | SSL servers | n/a | n/a | n/a | n/a | 64 ^E | n/a | 64 | n/a | 128 ^F | n/a | n/a | 128 | n/a | n/a | 256 | 256 ^G | 256 ^H |
| Peer | Authentication groups | n/a | n/a | n/a | n/a | 32 ^E | n/a | 32 | n/a | 64 ^F | n/a | n/a | 64 | n/a | n/a | 128 | 128 ^G | 128 ^H |
| | Peers | n/a | n/a | n/a | n/a | 64 ^E | n/a | 64 | n/a | 128 ^F | n/a | n/a | 128 | n/a | n/a | 256 | 256 ^G | 256 ^H |
| Logging | | | | | | | | | | | | | | | | | | |
| Traffic filter rules | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Custom log fields per firewall policy | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

† The FortiGate-30B does not have VLAN or VDOM support. Only the three physical interfaces (Internal, External, Modem) are available.

^A FortiGate-1000A value = 500

^B FortiGate-5001 and 5001FA2 value = 4096

^C FortiGate-5001A value=5000

^D FortiGate-3600 value=4096

^E WAN optimization is supported on the FGT-111C, but not the FGT-110C.

^F WAN optimization is supported on the FGT-311B, but not the FGT-310B.

^G WAN optimization is supported on the FGT-3600A, FGT-3016B, and FGT-3810A, but not on the FGT-3600.

^H WAN optimization is supported on the FGT-5001A-SW, but not on any other 5000-series FortiGate units.

^J FortiGate-5001FA2 value=4096

^K FortiGate-1000A value=500

^L FortiGate-60B and WiFi-60B value=50

^M FortiGate-200B value=8000

^N FortiGate-200B value=16000

^P FortiGate-200B value=2000

^Q FortiGate-82C value=3

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