

# FortiGuard® Labs Security Subscription Services

Fortinet security products offer dynamic protection based on the work of the dedicated FortiGuard Labs, which researches and develops protection against known and potential security threats. Their research forms the basis of the FortiGuard Security Subscription Services, which deliver continuous, automated updates for antivirus, intrusion prevention, Web filtering, antispam, vulnerability and compliance management, application control, and database security services.

### Antivirus



The FortiGuard Antivirus (AV) Service provides fully automated updates to ensure protection against the latest content level threats. It employs advanced virus, spyware, and heuristic detection engines to enable FortiGate, FortiMail, and FortiWiFi appliances, and FortiClient end point security agents, to prevent both new and evolving threats from gaining access to your network and its valuable content and applications.

- 200,000 AV signatures updated per week on average
- AV Signatures
  - FortiClient and FortiMail: 11.3 million
  - FortiGate ATDB: about 30K. ETDB (high) and FortiMail: about 1.5 million.
- 26 subscription releases per week on average

### Intrusion Prevention



The FortiGuard Intrusion Prevention Service (IPS) provides Fortinet customers with the latest defenses against stealthy network-level threats. It uses a customizable database of known threats to enable FortiGate and FortiWiFi appliances to stop attacks that evade conventional firewall defenses. It also provides behavior-based heuristics, enabling the system to recognize threats for which no signature has yet been developed.

- 35 new and modified signatures per week
- More than 6,114 IPS signatures
- 4 subscription releases per week on average

Antivirus

Intrusion Prevention

Antispam

Web Filtering

Application Control

Database Security

Vulnerability Management

Web Application Firewall

### FortiGuard Benefits

- Global, proactive threat library delivers comprehensive protection against network, content, and application threats.
- Multi-threat security research leverages intelligence from multiple security disciplines to protect against known and potential threats.
- Feedback from worldwide installed base plus cooperation with major infrastructure vendors provides broadest protection against attacks and exploits.
- Real-time updates - both push and pull - keep your defenses ahead of the threats with industry-leading threat response time with optional Service Level Agreements (SLAs).
- Simple setup offers true "set and forget" functionality for easier deployment and management.
- Device-based licensing eliminates per-user fees for significantly lower entry and ongoing maintenance costs.

## Web Filtering



The FortiGuard Web Filtering (WF) Service provides Web URL filtering for schools, libraries, government agencies, and enterprise businesses of all sizes. It enables FortiGate and FortiWifi appliances, and FortiClient end point security agents, to block access to harmful, inappropriate, and dangerous websites that may contain phishing/pharming attacks, malware such as spyware, or objectionable content that can expose your organization to legal liability.

- 77 categories
- 500,000 URLs added and updated per week
- More than 56 million websites that equate to more than 94 million URLs in the FortiGuard web filtering database
- 69 languages supported
- 250 subscription releases per week on average

## Antispam



The FortiGuard Antispam (AS) Service uses both a sender IP reputation database and a spam signature database, along with sophisticated spam filtering tools, to detect and block a wide range of spam messages. On FortiGate or FortiMail systems, this service reduces the amount of spam that an organization's email servers process. With FortiClient end point security agents, the service blocks spam on remote PCs and mobile devices.

- More than 330 million IP addresses (reputation DB)
- More than 10 million URLs for spam filtering
- More than 4.9 million checksum identifiers
- 50 million antispam signatures updated per week
- 2,700 subscription releases per week on average (three separate databases are each updated approximately 900 per week)

## Application Control

Application Control (AC) protects managed desktops and servers by allowing or denying network application usage based on policies established by the network administrator. Enterprise applications, databases, web mail, social networking applications, IM/P2P, and file transfer protocols can all be identified accurately by sophisticated detection signatures.

- More than 1,570 signatures
- More than 1,133 applications
- 4 subscription releases per week on average

## Database Security



FortiDB Database Security (DB) products offer centrally-managed, enterprise-scale, database hardening. Integral to their power are hundreds of pre-installed policies that cover known exploits, configuration weaknesses, OS issues, operational risks, and data access privileges. The FortiGuard Database Policies Service is automatically updated with the latest regulatory/industry best practices.

- More than 586 policies defined
- One subscription releases per month on average



## Vulnerability and Compliance Management

The FortiGuard Vulnerability and Compliance Management (VCM) Service enables organizations to minimize the risk of vulnerabilities by quickly discovering vulnerabilities, measuring the potential risk, and then providing the information necessary to mitigate those risks. Additionally, a compliance reporting function provides organizations with actionable reports that can identify areas for remediation.

- More than 9,000 vulnerability signatures
- 21 compliance benchmarks
- More than 3,400 remediation tasks
- 2 subscriptions releases per week on average

## Web Application Firewall

FortiWeb appliances protect web applications and web services against SQL injection, cross-site scripting and a range of other attacks. Protection is kept up-to-date through dynamic signature updates delivered through the FortiGuard Distribution Network.

- More than 1,000 signatures
- Ad interim release schedule during first two quarters of production service

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