

Protect Against Known and Unknown Threats with FortiGate IPS and FortiGuard IPS Service

Why FortiGuard Labs?

FortiGuard Labs, the threat intelligence and research organization at Fortinet, develops, innovates, and maintains one of the most accomplished artificial intelligence and machine learning systems in the industry. We use this to deliver proven protection, unparalleled visibility, and robust business continuity across the Fortinet Security Fabric, protecting our customers against a wide range of ever-changing and sophisticated threats.

What sets FortiGuard apart is an advanced and proven analytics and artificial intelligence (AI) platform developed, innovated, and operated by FortiGuard Labs. Our platform ingests and analyzes 100 billion events every day, on average, to deliver over 1 billion security updates daily that protect our customers against new, unknown threats across all Fortinet Security Fabric deployments.

Where other vendors measure results in days, weeks, or months, Fortinet can show outcomes by minutes, with intelligence updates delivered in near real time.

Ultimately, the effectiveness of security AI and analytics systems are only as good as the inputs and training that go into them. At Fortinet, our platform is driven by one of the largest and most experienced security research organizations in the industry with over 215 researchers and analysts, spanning 31 countries. Our FortiGuard team contributes more than 580,000 hours of research annually, and FortiGuard Labs is credited with over 860 zero-day discoveries.

Additionally, we feed in millions of events coming from across global Fortinet Security Fabric deployments by customers who join our submissions program and ingest threat intelligence across 200+ Threat Intelligence Ecosystem partners and collaborations. This combination gives Fortinet unparalleled insights and visibility to proactively identify and stop the latest threats 24 hours per day, seven days per week.

Why FortiGate IPS?

FortiGate delivers best-of-breed IPS capabilities for security-driven networking infrastructure—striking a delicate balance by delivering high security efficacy without disrupting business processes. FortiGate IPS is built on a unique architecture of specialized security and network processors, which enable it to deliver unparalleled performance when paired with FortiGuard Labs.

In both standalone IPS and converged next-generation firewall deployments, the innovative FortiGate IPS delivers proven, world-class protection. Powered by dedicated security processing units and a modern, efficient architecture, performance in even the largest data centers is reliably consistent. Automated security and operational processes give security talent more time to focus on other needs requiring manual intervention. As part of the Fortinet Security Fabric, FortiGate IPS shares global and local security intelligence with other Fortinet solutions and trusted third-party products, ensuring it is assessing risk with the most up-to-date information, as well as improving overall security posture.

FortiGuard Subscription Benefits

- Threat intelligence in near real time to stop the latest threats
- Insight into threats anywhere in the world through a global network of more than 3 million sensors
- Fast and comprehensive intelligence via automated and advanced analytics (such as machine learning) being applied across the Security Fabric
- High-fidelity delivery with mature and rigorous back-end process
- Proactive threat research to prevent exploitation of new avenues of attack

Intrusion Prevention (IPS)

FortiGuard automated IPS updates provide the latest defenses against network intrusions by detecting and blocking threats before they reach your network devices. You get the latest defenses against stealthy network-level threats, a comprehensive IPS library with thousands of signatures, flexible policies that enable full control of attack detection methods to suit complex security applications, resistance to evasion technique (as proven by NSS Labs), and an IPS signature lookup service.

Summary: FortiGuard Subscription Service Highlights

To benefit from and access the intelligence, expertise, and protection delivered by FortiGuard Labs, customers simply need to add the desired security subscriptions to their Fortinet Security Fabric deployment. FortiGuard security services are designed to optimize performance and maximize protection across the Fortinet Security Fabric and are available as both individual and bundled subscriptions. Our subscriptions cover every aspect of the attack surface and include IP reputation updates, intrusion prevention, web filtering, antivirus/antispyspware, antispam, database security, virus outbreak protection service, content disarm and reconstruction, security rating services, and network and web application control capabilities.

**FortiGuard IPS
Subscription Benefits**

- Over 13,000 vulnerability and exploit signatures
- Protection against zero-day vulnerabilities
- Faster time to protection with daily updates to IPS signatures

	FortiGuard IPS Service
A la carte	✓
Advanced Threat Protection	✓
Unified Threat Protection	✓
Enterprise Protection	✓
360 Protection	✓

