

# Increase Operational Efficiency and Reduce Cyber Risk with FortiGate Cloud

## Executive Summary

Cyberthreats aren't just an issue for large enterprises. Smaller operations also suffer the destructive effects of cyberattacks. In fact, the Verizon 2022 Data Breach Investigations Report found that 61% of SMBs were targeted by a cyberattack in 2021.<sup>1</sup>

Fortinet security solutions provide enterprise-class security optimized for smaller organizations to protect against cyberthreats. FortiGate Cloud is used to help efficiently manage Fortinet security solutions. It is an easy-to-use cloud management and analytics solution for FortiGates, our next-generation firewalls (NGFWs), as well as downstream Fortinet devices. FortiGate Cloud increases operational efficiency by enabling remote management of one or multiple devices from a single, intuitive GUI. It also reduces cyber risk with real-time and historical visibility and reporting of network and application traffic and security analytics.

## A Cloud Management and Analytics Solution

Organizations of all sizes, including smaller organizations, are at risk of cyberthreats such as ransomware, software vulnerabilities, and network misconfigurations—all of which can enable attackers to gain a foothold and do significant harm to business operations.

Managing the sophisticated network security solutions necessary to protect organizations from cyberthreats is critical. However, it can be challenging for businesses with limited resources and expertise. Deploying and configuring multiple network security devices—in some cases across multiple sites—can be time-consuming. The dynamic threat landscape requires security solutions to be continuously updated to protect from the latest threats.

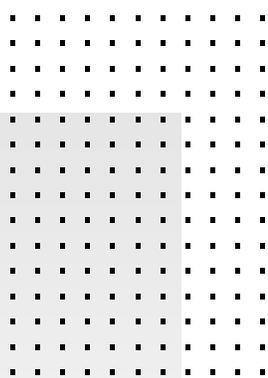
Ensuring configuration backups are executed, available, and can be quickly restored is key to business continuity in case of disaster. Analyzing and reporting on network, web, application traffic, and security threats is critical to ensuring an organization's defenses are operating as designed. To meet these challenges, businesses with limited resources and expertise need tools that empower efficient deployment, analysis, and management of their network security solutions.

## Simplifying Deployment and Ongoing Management

FortiGate Cloud is a cloud-based, software-as-a-service (SaaS) solution that provides management, reporting, and analytics for FortiGate NGFWs. FortiGate Cloud simplifies the initial deployment and ongoing management of FortiGate, FortiSwitch, FortiAP, and FortiExtender with zero-touch provisioning, providing you with visibility of your entire deployment.

FortiGate Cloud can grow with your requirements from a single FortiGate to a complete managed security services management solution for thousands of devices across multiple customers. With FortiGate Cloud, you can:

- Manage FortiGate and connected Fortinet devices, including configuration, backup, firmware upgrades, and running scripts
- Use remote access to easily connect to a device without a physical connection
- View the application, web, and network traffic and security analytics of all of your FortiGates
- Store and review log data from your FortiGates for up to one year
- Create, schedule, and customize a full range of reports
- Receive email alerts on configured devices and network events



**61% of SMBs were the target of a cyberattack in 2021.<sup>1</sup>**

### Central web-based management console

FortiGate Cloud provides a central web-based management console to control Fortinet devices. Device settings can be centrally configured for individual devices or pushed to multiple devices. Configuration backups are kept in FortiGate Cloud to assist with replacement or recovery efforts. Device firmware updates can also be centrally managed and controlled, ensuring uniform policy enforcement and allowing you to take advantage of the latest features.

The FortiGate Cloud dashboard provides visibility and control of the health of the entire network. It also provides detailed information on the applications being used and by whom, bandwidth consumption by AP, client, or application, and much more. FortiGate Cloud analytics include granular drill-down and filtering functionality to instantly determine how applications, websites, users, and threats are impacting your network.

To aid in reporting, detailed preconfigured and custom reports are available. They can be run on demand or scheduled for certain times and distributed by email to interested parties.

### A sandbox environment

FortiGates upload suspicious files to FortiGate Cloud, where it executes the file in the FortiSandbox environment and analyzes the resulting behavior for risk. If the file exhibits risky behavior or is found to contain a virus, the verdict is returned to the device that submitted the sample. The FortiGate Cloud console enables administrators to view the status of any suspicious files uploaded: pending, clean, malware, or unknown.

The console also provides data on the time, user, and location of the infected file for forensic analysis.

### Cloud Management Increases Operational Efficiency

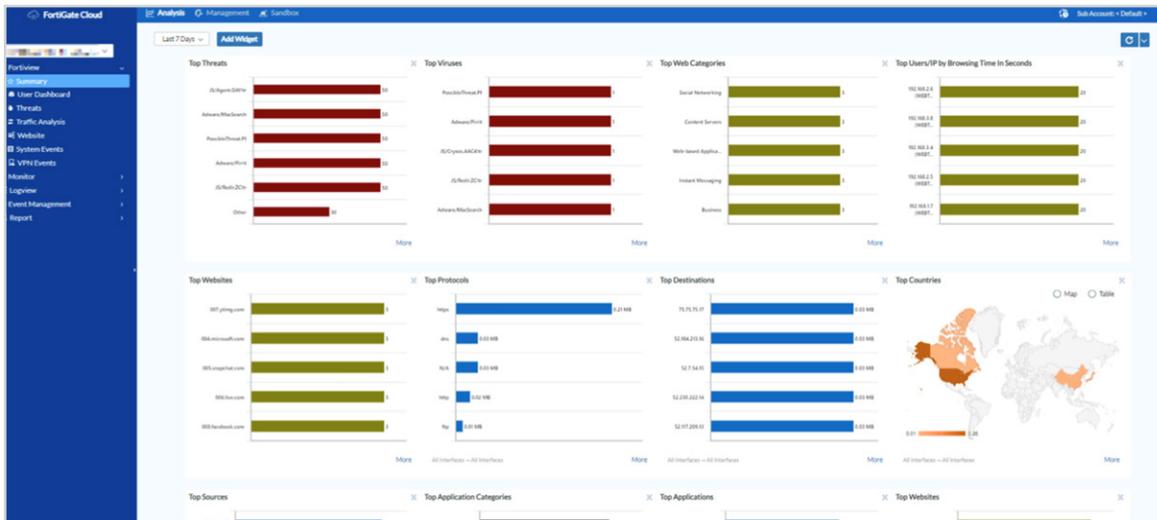
Whether you have a single FortiGate or multiple distributed FortiGates and connected devices, with FortiGate Cloud you can save time by centrally managing all of your devices from a single interface.

Firmware upgrades for all devices can also be initiated from FortiGate Cloud for additional efficiency and to ensure consistency. The service also automatically backs up device configurations to the cloud, eliminating the cost and complexity of additional infrastructure. Cloud backup also simplifies restoration and helps ensure business resiliency in case of disaster.

The service also saves time with group management capability that supports operations on multiple devices, including firmware updates, running scripts, and setting up auto backups.

### Improve security posture and reduce risk with traffic and security analytics

FortiGate Cloud provides real-time and historical visibility to traffic analytics and security threats that can help detect and reduce security risks.



With FortiGate Cloud, you can view threats detected by FortiGate services, such as risky applications detected by application control, intrusion incidents detected by FortiGate intrusion prevention system (IPS), malicious websites detected by web filtering, and malware detected by antivirus. This insight can help identify areas of security risk and risk trends, and help prioritize and validate security improvements necessary to reduce cyber risk.

FortiGate Cloud also provides real-time and historical network, application, and web traffic analytics. Visibility to real-time and historical traffic patterns can help identify potential security threats such as traffic to or from unexpected sources or destinations at unexpected times. Policies can then be configured to eliminate the threat. Traffic analytics also provides insight into websites visited by users so organizations can monitor internet usage and more.

To meet reporting requirements, FortiGate Cloud also provides preconfigured and custom reports—such as a 360 Degree Activity Report, a Web Usage Report, a Cyber Threat Assessment Report, and more. These reports can be run on-demand or scheduled, giving you complete visibility with actionable outcomes.

Log retention is a best practice of any security and compliance protocol, but administering a separate storage system can be burdensome and costly. FortiGate Cloud takes care of this automatically and stores your valuable log information securely in the cloud for one year. You can easily store and access different logs, including traffic, system, web, applications, and security events.

## Summary

With FortiGate Cloud, your employees will be more efficient. They can provision, configure, and manage your FortiGate and connected Fortinet devices from an intuitive central management SaaS service. FortiGate Cloud helps improve your security posture with network traffic and security analytics and reporting. Also, FortiGate Cloud security analytics improve your security posture by providing you with drill-down and filtering functionality to instantly determine how applications, websites, users, and threats impact your network.

**FortiGate Cloud provides real-time and historical visibility to traffic analytics and security threats that can help detect and reduce security risks.**

<sup>1</sup> [“2022 Data Breach Investigations Report,”](#) Verizon, 2022.