FortiGate® Cloud

FortiDeploy

Management and Analytics

Sandbox

Indicators of Compromise

IoC

FortiGate Cloud is a cloud-based SaaS, offering a range of management and services for Fortinet Firewalls. FortiGate Cloud offers zero-touch deployment, configuration management, reporting and analytics. As a cloud service, FortiGate Cloud can grow with your requirements from a single FortiGate all the way up to a full MSP management solution for thousands of devices across multiple customers.

FREE Service — Free Service Option

- FortiGate Cloud offers a free tier which allows deployment and visibility of FortiGates. Data retention is limited to 7 days.

FULL Service — Full Subscription Option

- Configuration management and backup for FortiGates
- 1 Year of online logs and analysis

Provisioning

- Simple deployment included with zero-touch options
- Thousands of devices provisioned with a single FortiCloud key

SD-WAN

- Configure SD-WAN interfaces
- Setup and manage Application Prioritization
- Deploy and manage entire SD-WAN deployment

International Cloud Management

- Isolated instances for Europe, Americas and Asia ensures data separation for privacy laws
- Two-factor authentication built in for free using FortiToken apps

Multi-Tenancy

- Single license enables multi-tenancy for many customers
- Read Only customer accounts
- Unique Customer logo on reports
- Simple Central visibility and access

Features

How FortiGate Cloud Addresses Key Security Challenges

Challenge	Solution
Facilitating turnkey **provisioning** of FortiGates at remote sites when on-site configuration expertise is unavailable	FortiGates include FortiGate Cloud registration functionality in their firmware that allow individual or multiple devices to provision themselves with minimal on-premise expertise.
Keeping initial investment **costs** down and preference for a consumption-based, OPEX model	FortiGate Cloud uses a Software as a Service (SaaS) model that eliminates the need for upfront capital purchases.
Maintaining **single pane of glass** management for overseeing security infrastructure	FortiGate Cloud provides control over FortiGates while providing granular visibility and reporting at the same time.
Investing in a **future-proof** security solution that will scale with your business	As FortiGate Cloud is cloud-based, it can grow as your business grows and accommodate additional event log storage as needed.
Deploying different configurations across multiple sites with speed and without manual effort	Bulk templates combined allow Managed service providers to deploy multiple configurations across many customers with simplicity and ease.

FortiDeploy

Initial configuration of firewalls, switches and access points can be a difficult proposition, often requiring expert staff on site to configure each device individually. FortiDeploy greatly simplifies initial configuration and onboarding by providing one-touch provisioning when devices are deployed, locally or remotely. FortiDeploy provides deployment for FortiAPs into a Cloud AP Network, and automatic connection of FortiGates to be managed by FortiGate Cloud.

Hundreds of FortiGates or FortiAPs can be provisioned by using a bulk FortiCloud key in distributed environments, such as large retail or education networks. Once a communication tunnel is established, FortiGate Cloud leverages provisioning profiles and setup wizards to quickly configure managed devices as required.

Configuration and device management from a single pane of glass

Consistent configuration of the devices within your network is essential to maintain an optimal performance and security posture. FortiGate Cloud provides a central web-based management console to control your FortiGates. Device settings such as IP addresses 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, thereby ensuring uniformed policy enforcement and allowing you to take advantage of the latest features.
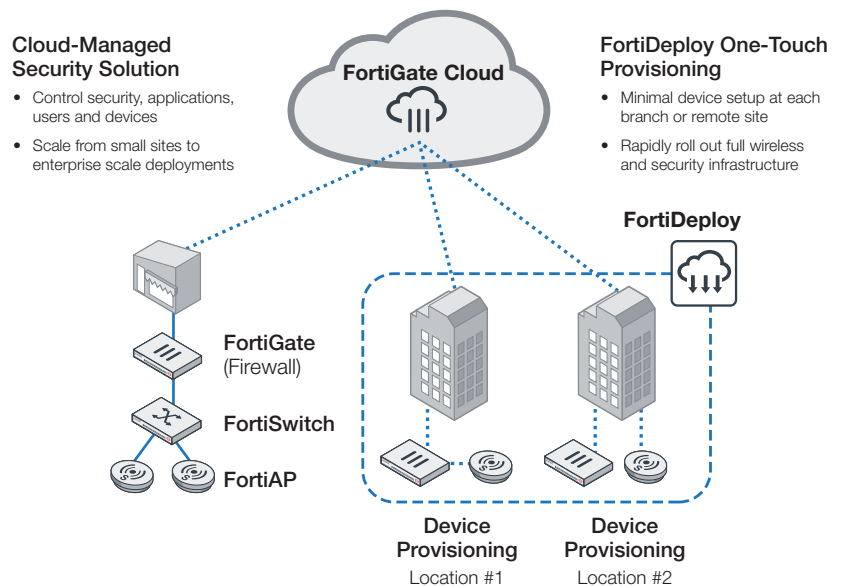
Fabric integration with FortiSwitch and FortiAP

FortiGate Cloud has the added benefit of being able to deploy, configure and manage your extended infrastructure through the FortiGate. This provides several immediate benefits — not only can you manage your entire infrastructure from a single Cloud Management Interface, but by allowing the FortiGate to manage your Switch and AP infrastructure, it is able to extend its functionality into them, for example, the switch ports inherit the same properties as the Firewall, making them extensions of the firewall — the same principle goes for the FortiAP as well. This unique Fabric integration enables this cross product functionality and can further enable automation in the face of a threat. Such as, when an infected client is detected through Indicators of Compromise, the switch or AP can block the device until the problem is remediated.

FortiGate Cloud with FortiDeploy

Cloud-Managed Security Solution
- Control security, applications, users and devices
- Scale from small sites to enterprise scale deployments

FortiGate Cloud

FortiDeploy One-Touch Provisioning
- Minimal device setup at each branch or remote site
- Rapidly roll out full wireless and security infrastructure

FortiDeploy

FortiGate
(Firewall)

FortiSwitch

FortiAP

Device Provisioning
Location #1

Device Provisioning
Location #2

FortiGate Cloud is able to manage FortiAP wireless access points and FortiGate firewalls from a centralized, cloud-based management console.

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Features

Hosted log retention and cloud-based storage

Log retention is an integral part of any security and compliance best practice, 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.

Depending on your device, you can easily store and access different types of logs including traffic, system, web, applications and security events. The default free service provides 7 days of logs, the subscription service extends this to 1 full year of logs.

Two-factor authentication

FortiGate Cloud supports two-factor authentication using the FortiToken application which is provided as a free security service with the product.

Instant security intelligence and analytics with FortiView

In order to place better security controls on your network, you must first know how it is being utilized. FortiGate Cloud's extensive set of dashboards gives you an immediate view of FortiGate usage, including a breakdown of network traffic and bandwidth usage. FortiGate Cloud analytics provides you with drill-down and filtering functionality to instantly determine how applications, websites, user and threats are impacting your network.

Deployment and Management of SD-WAN

Deploying SD-WAN need not be a complicated and expensive endeavor — FortiGate Cloud allows you to roll out and manage your SD-WAN deployment easily using Zero-Touch Deployment through it's interface either manually or automatically as the FortiGates come online. Once your interfaces are up, you can move on to setting up the SD-WAN rules to optimize application prioritization on the WAN interfaces.

Exceptional network visibility with FortiGate Cloud reporting

Periodic review of network and security activity is essential in order to keep costs down and security breaches at bay. Reporting allows you to be proactive about optimizing your network and satisfying executive staff scrutiny. FortiGate Cloud provides both preconfigured and custom reports to give you the information you need for your specific reporting and compliance requirements. A broad variety of rich canned and custom reports such as a 360 Degree Activity Report, Fortinet Security Best Practices Report or Cyber Threat Assessment Report, amongst others, can be run on demand or scheduled giving you full visibility with actionable outcomes.

FortiGate Cloud transport security and service availability

FortiGate Cloud encrypts all communication, including log information, between your FortiGate devices and the cloud. Fortinet deploys redundant data centers to give the FortiGate Cloud service its high availability. Fortinet has also used its years of experience in protecting sophisticated networks around the world to implement operational security measures that make sure your data is secure and only you can view or retrieve it.

Order Information

Customers with FortiGate model 30 through 3200 series receive 7 days of rolling storage (unlimited volume). To order extension for a year of unlimited storage, the following annual subscription SKUs for each device are available:

Product	SKU	Description
FortiGate Cloud Log Retention Service	FC-10-00XXX-131-02-DD	FortiGate Cloud Analysis and 1 Year Log Retention (XXX = model code).
FortiGate Cloud — Multi-Tenancy License	FCLE-10-FCLD0-161-02-12	1 year FortiGate Cloud Multi-Tenancy Service for a Managed Service Provider (MSP) to be able to create and manage multiple SubAccounts.

For customers who would like to add bulk provisioning for multiple devices, add the following SKU to the purchase order*:

Product	SKU	Description
FortiDeploy	FDP-SINGLE-USE	Enables zero touch bulk provisioning for your FortiGate, FortiWiFi, or FortiAP products with FortiGate Cloud. Must be purchased with every PO.

* This feature is only available on devices running FortiOS 5.2.2 and above.

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