FortiMonitor

Highlights

Increase customer satisfaction ratings

Improve employee productivity

Increase operational efficiency

Ensure business service level agreements

Endpoint-to-Application Digital Experience Monitoring

FortiMonitor is a monitoring platform that gives your operations team unmatched visibility to the end-to-end performance and digital experience. You can observe applications and services, from multiple vantage points, across any network, and even the infrastructure on which the application is hosted. FortiMonitor centralizes and consolidates the monitoring of endpoints, network devices, infrastructure, applications, and cloud services with a single, SaaS-based platform. It enriches and automates incident management and enables rapid troubleshooting and remediation of digital experience issues, mitigating against business and user impact.

Traditional performance monitoring tools lack the end-to-end visibility necessary to monitor and troubleshoot digital experience. IT teams often struggle to gather data from traditional performance tools to gain the end-to-end insight necessary to troubleshoot and optimize endpoint to application experience, a time-consuming, cumbersome task.

FortiMonitor is designed to give your operations team the ability to observe endpoint to application performance and digital experience. It also enriches incident management by correlating metrics and diagnostic data and automates response with run-time playbooks and workflow integration. The combination enables cross-functional teams to collaborate and remediate issues faster, more efficiently and to continuously improve digital experience.

Available in

Appliance

SaaS

Business Outcomes

Increase Customer Satisfaction Ratings

Observe beyond the network, replicate endpoint to-application interaction to easily identify potential digital experience issues.

Improve Employee Productivity

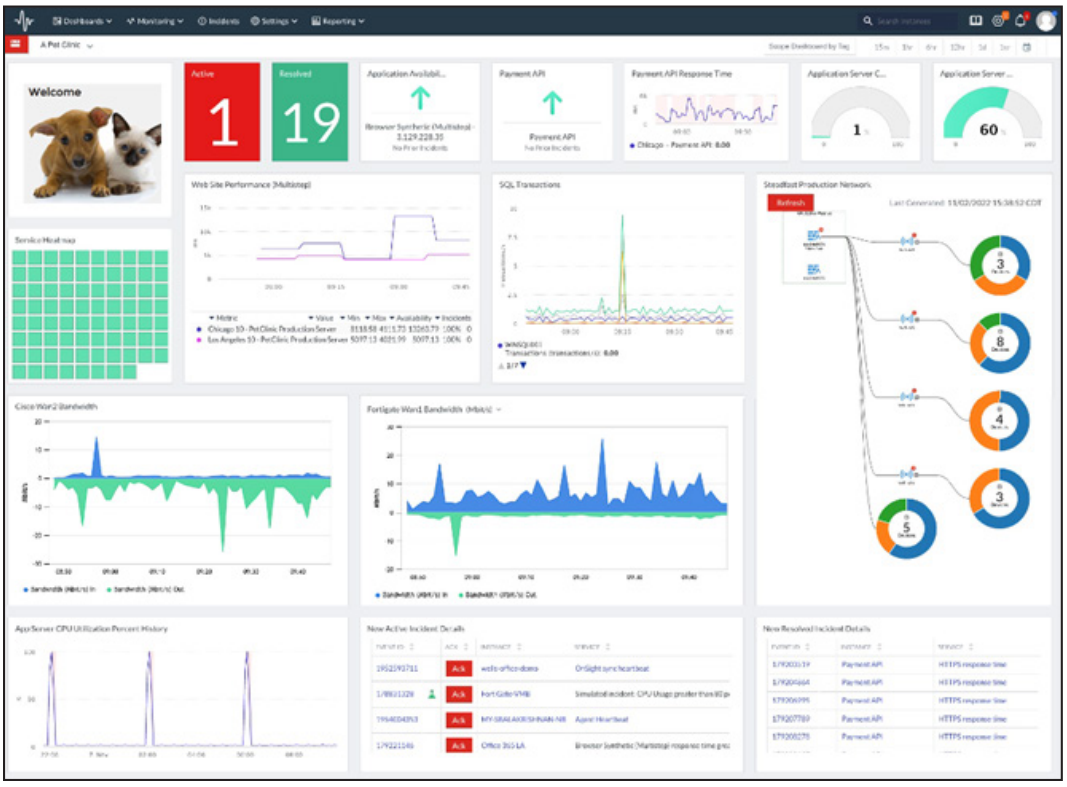
Adapt to any environment, enabling monitoring from the end user's device, across any network and into the infrastructure that hosts the critical application. It does not matter if it is on-premises, hybrid, or private or public cloud.

Increase Operational Efficiency

Deploy automated actions and build workflows to diagnose and remediate issues leveraging automated runbooks. This automation reduces time spent diagnosing, triaging, and remediating an incident.

Ensure Business SLAs

Report on historical uptime data to provide transparency on service delivery and business SLAs.



Core FortiMonitor platform identifying good and bad monitored instances

Core Components

Digital Experience Monitoring

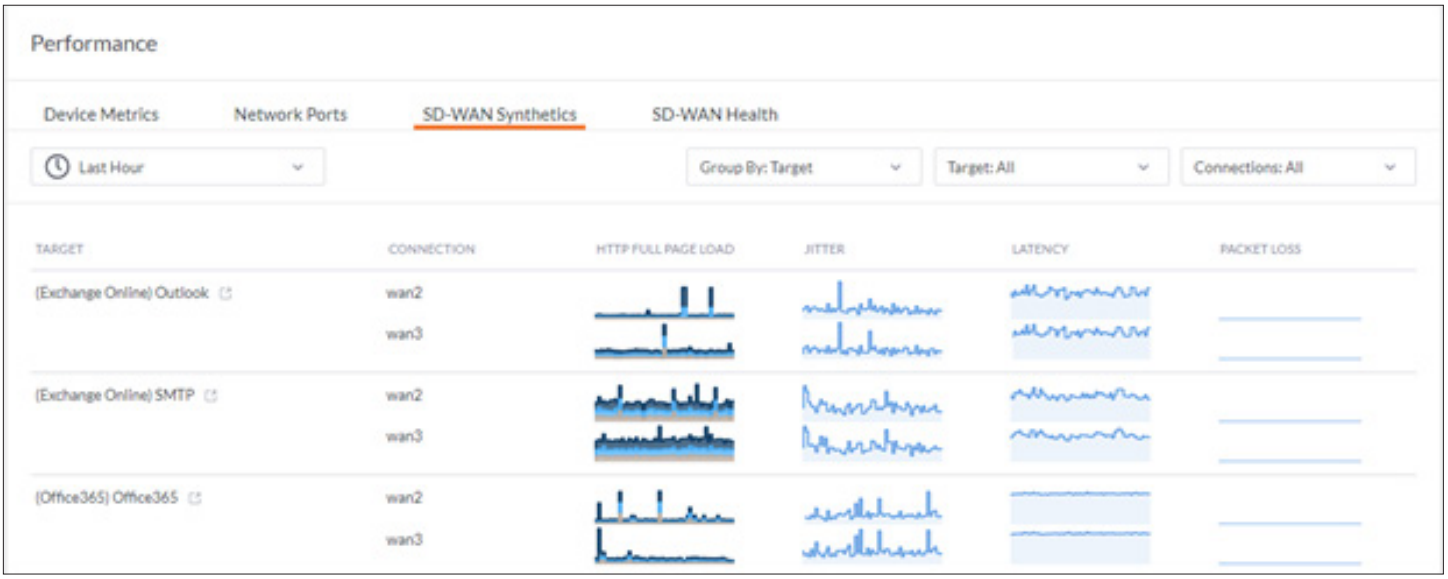
FortiMonitor consolidates monitoring data into a single SaaS-based platform which collects telemetry across complex, hybrid infrastructures. FortiMonitor visualizes the information in a unified capacity, enabling seamless correlation. The solution:

- Centralizes monitoring of the end user, network, and infrastructure that hosts your applications to lower costs, increase efficiency, and optimize resources
- Performs synthetic testing from multiple vantage points to monitor application uptime, user experience, and performance
- Improves customer and end-user experience by proactively identifying service degradation
- Correlates network and application performance data to quickly pinpoint root cause of issues
- Leverages endpoint performance data, such as CPU, memory, disk, and network metrics, along with network and application performance. This method facilitates troubleshooting with insights into what the user is experiencing

Comprehensive Full Stack Visibility and Fortinet Fabric Integration

FortiMonitor uniquely offers the ability to observe health and performance of all of your devices, across any network, and the infrastructure that applications utilize, whether containers, cloud, on-premises, or hybrid.

- Monitors status and health of end-user devices, network, cloud, and on-prem infrastructure, public, or privately hosted applications
- Integrates with the Fortinet Security-Fabric to easily discover and gain insight into FortiGate and downstream Fortinet device health and performance metrics, including LAN, Wi-Fi, and SD-WAN
- Simulates application-specific traffic over SD-WAN underlays to accurately measure real-time user experience and application performance over SD-WAN



Core Components

Enriched Incident and Event Management

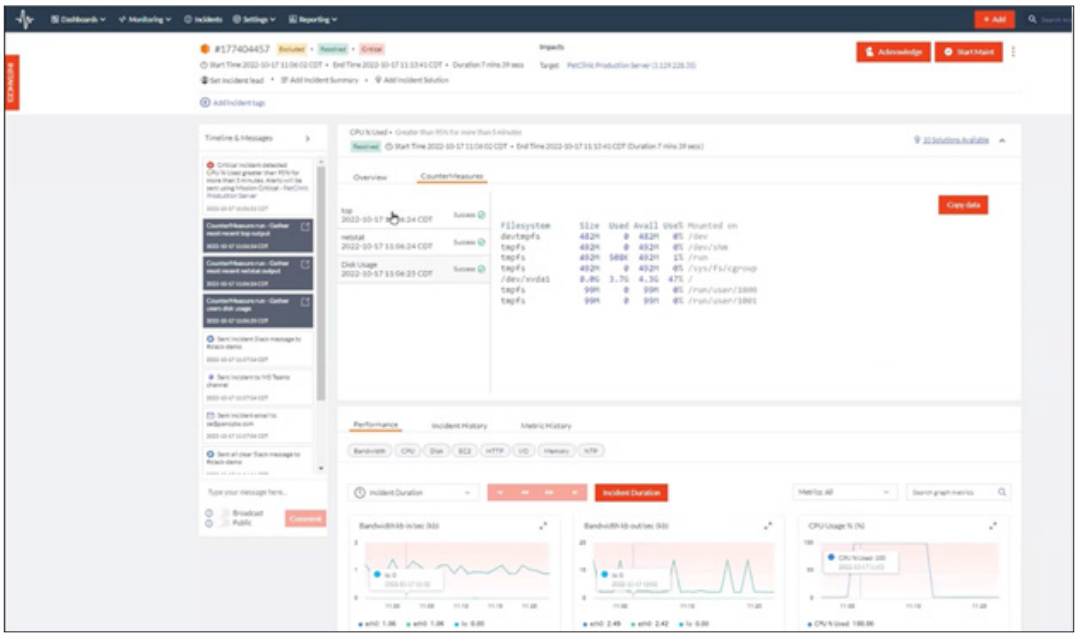
FortiMonitor enables organizations to observe, correlate, and respond to incidents from a single unified platform. Organizations can:

- Enrich incidents by automating the diagnostic collection and designing remedial measures with automated runbooks, allowing teams to fully customize their incident handling experience at scale
- Maximize team collaboration through native timeline and messaging communication features, accelerating response coordination
- Ensure critical events trigger notification of team members instantly, through email, FortiMonitor mobile application, and SMS alerting
- Eliminate fragmentation with a single source of reliable data insights

Automation

FortiMonitor enables a network operator to respond to performance issues with flexible automated runbooks. These can be tuned to an organization's best practices to accelerate operational and response tasks. Benefits of automated runbooks include:

- Reduction of repetitive manual tasks and high-volume context switching
- Accelerate mean time to detect (MTTD)/mean time to response (MTTR), while improving service delivery, permitting teams to meet and exceed SLAs
- Proactive optimization of processes and resolution of incidents
- Swift deployment of automation for immediate use and onboarding



FortiMonitor Live Incident Tracking

Core Components

Feature Highlights

- Comprehensive Performance Monitoring: Monitor endpoints, vendor agnostic network devices, infrastructure, applications, and cloud services with a single, SaaS-based platform
- Endpoint Digital Experience: Leverage endpoint performance data, such as CPU, memory, disk, and network metrics, along with network and application performance to facilitate troubleshooting with insights into what an end user is experiencing
- Fortinet Fabric Integration: Discover and monitor FortiGate and downstream Fortinet device health and performance metrics, including LAN, Wi-Fi, and SD-WAN
- Flexible automated onboarding: Easily onboard FortiGate and connected FortiAP, FortiSwitch and FortiExtender devices
- Auto Discovery: Network-wide SNMP device discovery. Host and guest performance of VMWare, Kubernetes Helm
- Cloud Integrations: AWS, Azure
- Synthetic Transaction Monitoring (STM): Gain visibility into the availability and performance of any application using browser tracing or javascript that run from global public nodes and private networks
- Incident Flow: Send and escalate alerts via mobile app, email, SMS, phone call, and third-party ticketing integrations, with advanced alert timelines
- Topology Mapping: Visualize all network elements in real time to see how they connect and identify performance issues
- Network Configuration Management (NCM): Get centralized network configuration management and templates for seamless configuration updates
- Multi-tenancy: Manage client devices while providing role-based access control (RBAC) for insights into digital experience performance monitoring
- Dashboards and reporting: Save time with out-of-the-box and customizable dashboards, reports and public status pages for real-time and historical reporting
- Alert Integrations: Integrate with JIRA, Slack, and Microsoft Teams

Collector Appliance

Deploy Key Component 100F Appliance

FortiMonitor is a cloud-native, vendor-neutral, SaaS-based monitoring platform offering key strengths in digital experience monitoring, FortiOS and Fabric integration, and importantly, network device detection and monitoring. Furthermore, with offerings such as Incident Management, NetFlow and NCM, FortiMonitor quickly becomes a platform of tool consolidation and workflow centralization.

Importantly, one of the key components in the FortiMonitor deployment strategy is the FortiMonitor OnSight Collector appliance. The FortiMonitor Onsight appliance is perhaps the most ubiquitous of facilities in the FortiMonitor toolbox, offering a plethora of network level insights, including FortiOS Insights, all in a single appliance.

The FortiMonitor 100F comes fully prepared with everything you need to quickly get up and running, but with the added benefit of a “plug and play” deployment strategy. This unit brings significant compute capacity right to the edge—to the end-user environment, network, and remote branch location.

Out of the box, the 100F is designed to support maximum volumes of metric collection as follows:

- 150,000 SNMP metrics
- 2500 VMWare instances (hosts, clusters, VMs, datastores)
- 4500 synthetic network checks (ping, HTTP, HTTPS)
- 100 browser-based synthetic checks

However, if you wish to deploy FortiMonitor Onsight appliance where a requirement exists for values beyond these specifications, FortiMonitor has this prospect taken care of. Using the feature of “OnSight Groups” (a FortiMonitor configuration option) it is entirely possible to harness the abilities of multiple Onsight units operating in HA / LB tandem, depending on your configuration.

Upon deployment, the initial setup is performed locally on the device itself, and once that’s complete, all administrative and management functions are streamlined through the web-based FortiMonitor control panel. This approach gives the FortiMonitor 100F a familiar look and feel. Enabling monitoring at scale has never been so easy.

Interfaces and Modules	FortiMonitor 100F
Console Port	1
Gigabyte Ethernet RJ45	4
WiFi	Single Radio | 2.4 / 5Ghz 802.11ax
Cellular Modem / LTE / SIM	—
Antenna (SMA)	2
Onboard Storage	64GB
USB Ports	2
System Performance	
SNMP Metrics	150,000
VMWare Instances (Hosts, Clusters, VM's. datastores)	2500
Network Checks (Ping, HTTPS, TCP Protocol)	4500
Browser based STM	100

The Fortinet Security Fabric

FortiMonitor integration with the Fortinet Security Fabric enables organizations to import all eligible Fortinet devices into the FortiMonitor platform. This functionality enables digital experience and network performance monitoring at scale. The FortiMonitor platform brings enriched alerting and an incident management toolset to managed devices for proactive monitoring and generating of alerts in response to error conditions.

Security Fabric

The industry's highest-performing cybersecurity platform, powered by FortiOS, with a rich ecosystem designed to span the extended digital attack surface, delivering fully automated, self-healing network security.

- Broad. Coordinated detection and enforcement across the entire digital attack surface and lifecycle with converged networking and security across edges, clouds, endpoints and users
- Integrated. Integrated and unified security, operation, and performance across different technologies, location, deployment options, and the richest Ecosystem
- Automated. Context aware, self-healing network, and security posture leveraging cloud-scale and advanced AI to automatically deliver near-real-time, user-to-application coordinated protection across the Fabric

The Fabric empowers organizations of any size to secure and simplify their hybrid infrastructure on the journey to digital innovation.

Fortinet Services

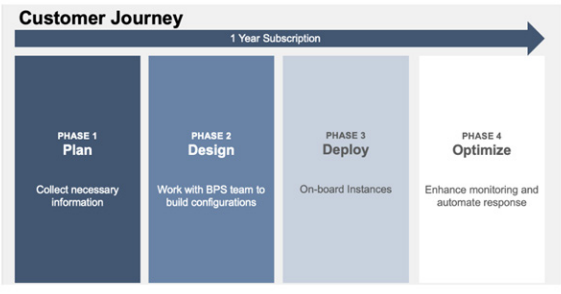
24/7 FortiCare Service

24×7 FortiCare technical support is delivered through our Global Technical Assistance Centers. Each geographical region has a Center of Expertise that is supplemented by regional support centers. This setup enables us to provide regional and local language support. Foundational FortiCare device-level support includes:

- Global toll-free numbers that are available 24×7
- Web chat for quick answers
- A support portal for ticket creation or to manage assets and life cycles
- Access to software updates and a standard next-business-day RMA service for the device

FortiCare Best Practice Services for FortiMonitor

The FortiCare Best Practice Service (BPS) provides technical advice to help organizations make the most of their Fortinet investment. FortiCare BPS is an annual subscription-based service. Once a ticket is created through the FortiCare Support Portal, the BPS ticket is rerouted to a product-specific technical expert. Response for these consultations are handled as per a standard P3 ticket.



Order Information

Separate SKUs are provided for devices/servers, containers, FortiGate, and LAN Edge devices.

SOLUTION BUNDLE	SKU LICENSE	PRO	ENTERPRISE
Device/Server Subscriptions	25-pack	FC2-10-MNCLD-436-01-DD	FC2-10-MNCLD-437-01-DD
	500-pack	FC3-10-MNCLD-436-01-DD	FC3-10-MNCLD-437-01-DD
	2000-pack	FC4-10-MNCLD-436-01-DD	FC4-10-MNCLD-437-01-DD
	10 000-pack	FC5-10-MNCLD-436-01-DD	FC5-10-MNCLD-437-01-DD
Container Subscriptions	25-pack	FC2-10-MNCLD-439-01-DD	FC2-10-MNCLD-440-01-DD
	500-pack	FC3-10-MNCLD-439-01-DD	FC3-10-MNCLD-440-01-DD
	2000-pack	FC4-10-MNCLD-439-01-DD	FC4-10-MNCLD-440-01-DD
	10 000-pack	FC5-10-MNCLD-439-01-DD	FC5-10-MNCLD-440-01-DD
FortiGate Subscriptions	25-pack	FC2-10-MNCLD-456-01-DD	FC2-10-MNCLD-457-01-DD
	500-pack	FC3-10-MNCLD-456-01-DD	FC3-10-MNCLD-460-01-DD
	2000-pack	FC4-10-MNCLD-456-01-DD	FC4-10-MNCLD-457-01-DD
	10 000-pack	FC5-10-MNCLD-456-01-DD	FC5-10-MNCLD-457-01-DD
LAN Edge Device Subscriptions	25-pack	FC2-10-MNCLD-459-01-DD	FC2-10-MNCLD-460-01-DD
	500-pack	FC3-10-MNCLD-459-01-DD	FC3-10-MNCLD-460-01-DD
	2000-pack	FC4-10-MNCLD-459-01-DD	FC4-10-MNCLD-460-01-DD
	10 000-pack	FC5-10-MNCLD-459-01-DD	FC5-10-MNCLD-460-01-DD

Digital Experience Monitoring (DEM) subscriptions for advanced synthetics monitoring are also available independently from endpoint servers and containers.

SOLUTION BUNDLE	SKU LICENSE	DIGITAL EXPERIENCE MONITORING (DEM)
DEM Synthetics Subscriptions	25-pack	FC2-10-MNCLD-441-01-DD
	500-pack	FC3-10-MNCLD-441-01-DD
	2000-pack	FC4-10-MNCLD-441-01-DD
	10 000-pack	FC5-10-MNCLD-441-01-DD

Additional onboarding services are available as subscriptions providing onboarding consultation services.

ADDITIONAL SERVICES	ACTIVE SUBSCRIPTIONS	SKU LICENSE
FortiCare Best Practices (BPS) Onboarding Service	< 250 Endpoints	FC1-10-MNBPS-310-02-DD
	250 - 999 Endpoints	FC2-10-MNBPS-310-02-DD
	1000 - 4999 Endpoints	FC3-10-MNBPS-310-02-DD
	>= 5000 Endpoints	FC5-10-MNBPS-310-02-DD

FortiMonitor Collector appliance is available now.

PRODUCT	SKU	DESCRIPTION
FortiMonitor 100F	FMN-100F	The FortiMonitor 100F is the appliance-based OnSight Collector, allowing a single hardware appliance for STM, SNMP Trap/Get and FortiMonitor Agent connectivity.

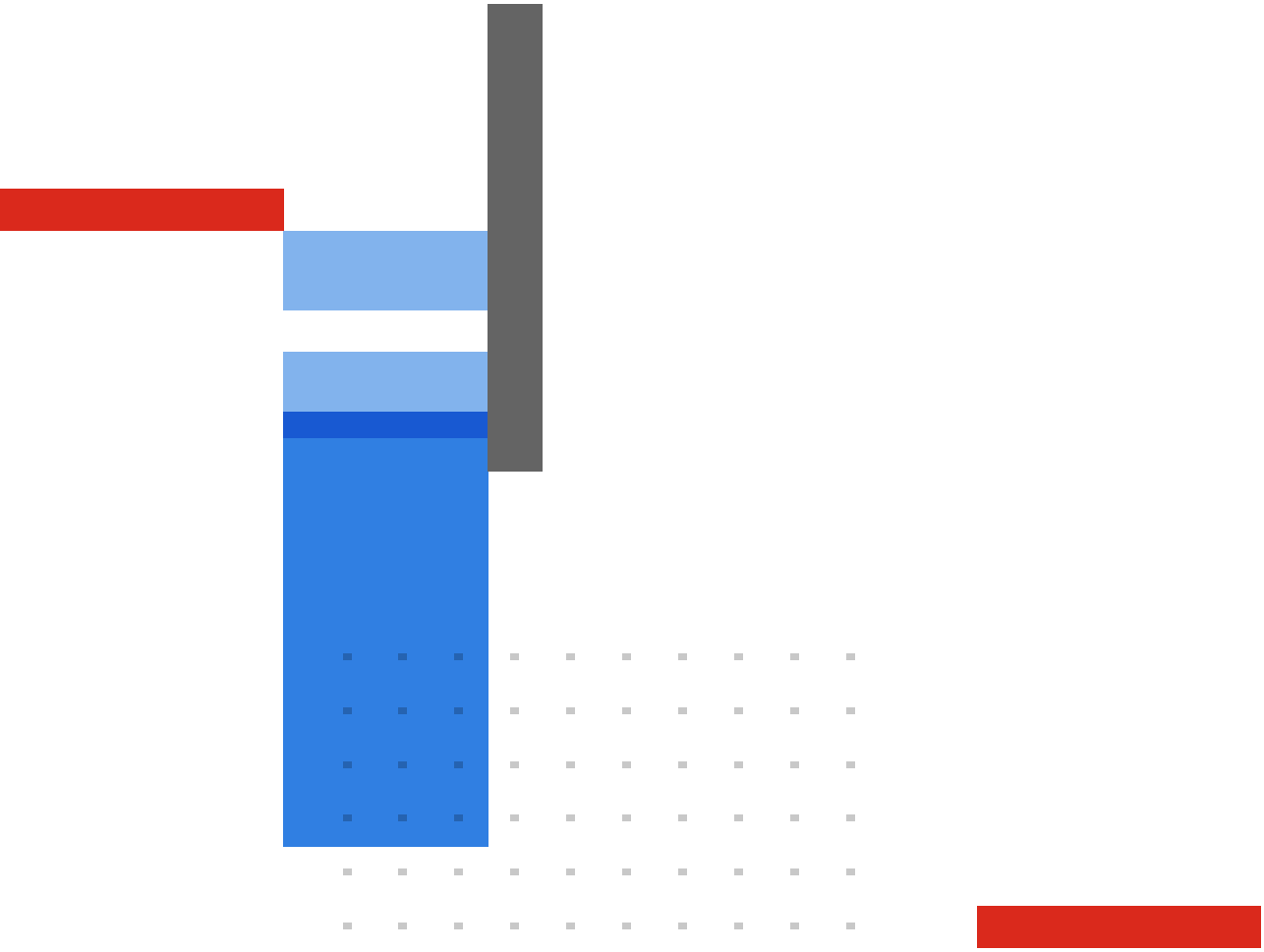
Also Available

Other FortiMonitor SKUs are orderable for Basic Nodes: Basic instances are also available for simple uptime/availability monitoring of endpoints, devices, servers, and websites. This instance type does not include advanced performance metrics.

Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.



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