Lumen® SASE Solutions with Fortinet® FAQ

Fortinet SASE Platform frequently asked questions.

Lumen and Fortinet partner to provide a comprehensive cloud-based network and security management experience offering the agility and reach to deliver high-performance, secure access to your business applications from virtually anywhere, on any device.

Lumen SASE Solutions

Q **What is Lumen SASE Solutions?**

Lumen SASE Solutions is a cloud-based network and security experience designed for today's distributed enterprise that is centrally controlled, fully integrated and flexibly managed.

Lumen SASE Solutions unites the purchase, deployment, orchestration, and management of software-defined network infrastructure and information security to simplify the delivery of applications wherever the business needs them..

Q **What are the benefits offered by Lumen SASE Solutions?**

Lumen SASE Solutions combine our expansive network and cloud platform availability with leading software management partners designed to deliver improved control, visibility, and simplified management of network and security for cloud-based application delivery virtually on any device.

- **Lumen SASE Solutions are integrated** – High performance, secure delivery of cloud applications wherever your business needs them. Lumen SASE services offer optimal application performance and availability through:
  - End-to-end control and visibility **–** with access to 2,200 public and private data centers and one of the most highly peered IP backbones.
  - Low latency application performance and closer threat analysis – 50+ edge locations in major metros connected to high-capacity fiber.
  - Full integration of network and security management – Centralized policy control and performance visibility for branch locations and remote workforce.
- **Lumen SASE Solutions are secure** – Secure application delivery from the cloud, across the network, to any device, on virtually any network.
  - **The right solution for your business** offering your choice of leading SD-WAN and security partners.
  - **Monitoring threats around the clock and across the globe** with Black Lotus Labs® offering customer visibility and support across nine Security Operations Centers (SOCs).
  - **Secure application access policy by location, device, and user** using Zero Trust Network Access (ZTNA) and to local Secure Web Gateways (SWG) to analyze threats sooner.
- **Lumen SASE Solutions are flexible** – Flexible control, delivery, updates, and management of network and security using a unified online experience for all your locations and users.
  - **Simplified network and security deployment and management** that moves from dedicated hardware to flexible software that you purchase and configure online.
  - **Simplified addition and automated update** of network and security features and services.
  - **Flexible management options** that fit your current business needs with the ability to easily add deeper with levels of Lumen management as needed.

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Q **How is the service provided via the Lumen Platform?**

Lumen SASE Solutions offers the convergence of networking and security functions in a cloud-first unified solution with a focus on the digital experience and built on the world class Lumen Platform. Offered with multiple service management options, Lumen SASE Solutions can be deployed at a customer edge location or in a cloud environment. A network-resilient design is available in premise and cloud deployments referred to as "High Availability".

Fortinet SASE Solutions

Q **Can the Fortinet SASE Solution be deployed on a distributed SASE environment across multiple SASE gateways?**

At launch, Lumen SASE Solutions with Fortinet will be deployed as a premise-based solution with SD-WAN and security and will also have a remote access with ZTNA solution for remote users. SASE gateways will be available in a future release.

Q **Is there an extra license to use SD-WAN with FortiGate®?**

No. SD-WAN is a feature included in FortiOS® at no additional cost. Fortinet recommends purchasing security subscription services as necessary and the service includes a FortiManager® for central management.

Q **Are there any bandwidth licensing or restrictions?**

Lumen does not charge for bandwidth usage. Customers are free to use as much bandwidth as the box will physically support.

Q **Is orchestration an additional cost?**

FortiGate® SD-WAN intelligence and self-healing is built into the box without the need of a traditional orchestrator. There is no additional cost or sizing considerations for an orchestrator.

SD-WAN devices are centrally managed and monitored through the FortiManager® which is included in the service.

Q **Where can I deploy a FortiGate® SD-WAN device?**

Currently, FortiGate® models are available as a physical appliance deployed to the customer premises. Lumen SASE Solutions roadmap supports deployment as a virtual machine in private or public clouds.

Q **Which FortiGate® models can be utilized as an SD-WAN Hub?**

Any FortiGate® model can be utilized as an SD-WAN Hub or Branch.

Q **Which interfaces can be utilized as WAN ports?**

There are no restrictions on how you use any of the interfaces. Physical models will traditionally have designated "WAN" ports, but you may also utilize any of the available LAN or DMZ ports as a WAN interface.

Q **What Fortinet CPE options are available with Lumen SASE Solutions?**

Lumen SASE Solutions with Fortinet include the following CPE options:

- https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/fortigate-fortiwifi-40f-series.pdf
- https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/fortigate-fortiwifi-60f-series.pdf
- https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/fortigate-100f-series.pdf
- https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/fortigate-200f-series.pdf
- https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/fortigate-1800f-series.pdf

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Q **What features are included in Lumen SASE Solutions with Fortinet?**

The solution includes next generation firewall with the Fortinet UTP (Unified Threat Protection) license, SD-WAN, and FortiClient® with EMS for remote access with ZTNA (Zero Trust Network Access).

Q **How Is Remote Access and ZTNA offered with Lumen SASE Solutions with Fortinet?**

Remote access is offered through FortiClient® with EMS. For more information, please see https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/forticlient.pdf.

Q **What features are available in the Unified Threat Protection (UTP) license?**

Lumen SASE Solutions Next Generation Firewall service with Fortinet includes the Fortinet UTP license with standard features such as IPS, content filtering, anti-virus, application control, and IP filtering and reputation.

Services such as sandboxing and CASB (Cloud Access Security Broker) will be offered in future releases and are not included in the standard security license.

Q **How can I learn more about the Fortinet portal? (FortiManager® And FortiAnalyzer®)**

More information on Fortinet portals can be found here:

- Fortinet FortiAnalyzer
- Fortinet FortiManager

Q **How is my Lumen SASE Solutions with Fortinet device configured?**

Lumen provided Fortinet devices are configured with a boot config. Once the device is powered on and connected to the internet at the customer's location, the device will automatically connect to Lumen Hosted Fortinet platform and download Lumen provided basic SD-WAN and / or firewall configuration and policies. Customers can modify the configuration in the SASE service partner management platform as they choose, or request help from Lumen.

Discover more about Lumen SASE Solutions with Fortinet by visiting lumen.com/sase

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