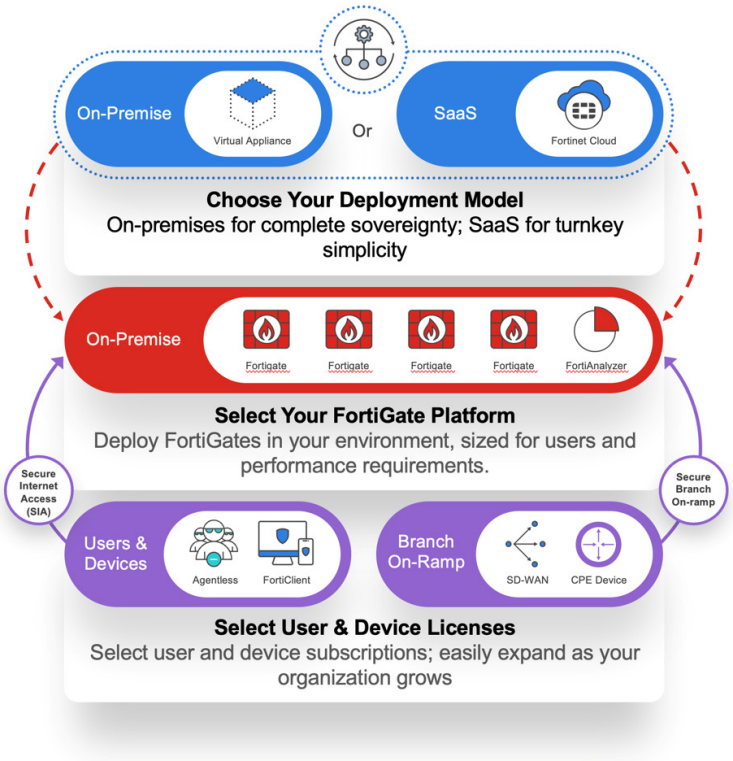
FortiSASE Sovereign

FortiSASE Sovereign is a turnkey solution for customers who aim to deliver private SASE services for internal or external consumption. It is designed for large enterprises, federal agencies, and service providers looking to deliver private SASE services.

FortiSASE Sovereign provides an alternative to public SASE offerings, such as FortiSASE, which are hosted in vendor datacenters. In contrast, FortiSASE Sovereign is designed for deployment on customer-controlled infrastructure, ensuring that security inspection and data sovereignty remain entirely within your organization's boundaries and control.



LICENSE	LOCATION	DESCRIPTION
CHOOSE ORCHESTRATION DEPLOYMENT MODEL		
A. Fortinet Cloud (SaaS)	Fortinet Datacenter	Annual Subscription service for the FortiSASE Sovereign Orchestrator and web portal, hosted in the Fortinet Cloud. SKU: FC-10-OVSAE-1081-02-DD
B. On-Premise (Virtual Appliance)	Customer Premise	Annual Subscription service for the FortiSASE Sovereign Orchestrator and Web Portal Virtual Appliance. Full Orchestration functionality requires all three components: FC-10-OVSVM-1081-02-DD (FortiSASE Sovereign Orchestrator and web portal) FC-10-MGSSS-258-02-DD (Security Device Management) FC4-10-ADVMS-1401-02-DD (GSLB service)
FORTISASE SOVEREIGN USER LICENSING		
A. User Licensing for Cloud Deployments only		Per-user licensing for Cloud deployments only. Includes FortiClient EPP/ATP licenses for endpoint security and connectivity SKU for 100-1999 users: FC3-10-EMSSS-552-02-DD
B. User Licensing for On-Prem (VM) Deployments only		Per-user licensing for On-prem (VM) deployments only. Includes FortiClient EPP/ATP licenses for endpoint security and connectivity SKU for 100-1999 users: FC3-10-EMSSV-552-02-DD
Security Inspection by FortiGate	Customer Premise	FortiGate appliance with the FortiSASE Sovereign entitlement. FortiGate Security POPs provide security inspection for users connecting through FortiSASE Sovereign FortiGate Entitlement SKU: FortiGate 90G Security Service Entitlement: FC-10-0090G-1082-02-DD FortiGate 900G Security Service Entitlement: FC-10-FG9H0-1082-02-DD FortiGate 3800G Security Service Entitlement: FC-10-3800G-1082-02-DD Hardware bundle and entitlements for models are also available
Data Sovereignty by FortiAnalyzer	Customer Premise	FortiAnalyzer appliance for regional log storage and archiving All FortiAnalyzer models with FortiOS 7.4 support are compatible.
Branch On-ramp Connectivity Tunnel		Stackable add-on license for third-party IPsec tunnels. Licenses are sized by total tunnel count and pooled across all Sovereign SASE Security POPs.
A. FortiGate Devices		No license required
B. Third Party Devices		Stackable license available in increments of 1,500 or 15,000 tunnels. 1,500 tunnels: FC1-10-OVSAE-1342-02-DD 15,000 tunnels: FC3-10-OVSAE-1342-02-DD

PRODUCT OFFERINGS

TECHNOLOGY	
Model	Private
Software	FortiOS
Endpoint Security	FortiClient
Data and Log Storage	FortiAnalyzer
SASE SERVICES	
Inline Antivirus (AV)	✓
Intrusion Prevention	✓
Web and DNS Filtering	✓
Botnet C&C Filtering	✓
SSL Inspection	✓
Inline CASB	✓
Inline DLP	✓
ZTNA	✓
ENDPOINT SECURITY	
Devices per User	3
Vulnerability Management	✓
Endpoint Protection Platform	✓
OS Support	Windows, macOS, Linux, iOS, Android
Hypervisor Support (Orchestrator & Web Portal)	ESXi and KVM
HOSTING MODEL	
Orchestrator and Web Portal	VM (On-premise) or Fortinet (Cloud)
Security PoP	Customer
Logs/Data	

ORDER INFORMATION

CLOUD DEPLOYMENT MODEL: COMPONENTS	DESCRIPTION	SKU
FortiSASE Sovereign Orchestrator and Portal: (Cloud: Hosted by Fortinet)	One year of FortiSASE Sovereign subscription service of cloud orchestrator and web portal. Requires FortiGate FortiSASE Sovereign FortiGate entitlement and FortiSASE Sovereign user licenses.	FC-10-OVSAE-1081-02-DD
USER LICENSES		
100-1999 Users	User licenses for cloud-delivered security via FortiSASE Sovereign with secure private access via unified agent (SASE, ZTNA, VPN) or agentless via SWG. Includes 3 devices per-user	FC3-10-EMSSS-552-02-DD
2000-9999 Users		FC4-10-EMSSS-552-02-DD
10000+ Users		FC5-10-EMSSS-552-02-DD
VIRTUAL APPLIANCE DEPLOYMENT MODEL: COMPONENTS	**DESCRIPTION**	**SKU**
FortiSASE Sovereign Orchestrator and Portal: (On-prem: Virtual Appliances)		
A. Orchestrator and Web Portal	FortiSASE Sovereign Orchestrator and Web Portal annual subscription. Full orchestration services require the FortiSASE Sovereign Orchestrator, Device Management, and GSLB virtual appliances. Also requires FortiSASE Sovereign FortiGate entitlements and user licenses.	FC-10-OVSVM-1081-02-DD
B. Security Device Manager	FortiSASE Sovereign Security Device Manager virtual appliance. Requires the FortiSASE Sovereign Orchestrator and Web Portal subscription.	FC-10-MGSSS-258-02-DD
C. Global Server Load Balancer (GSLB)	FortiSASE Sovereign Global Server Load Balancer (GSLB) virtual appliance. Requires the FortiSASE Sovereign Orchestrator and Web Portal subscription.	FC4-10-ADVMS-1401-02-DD
USER LICENSES		
100-1999 Users	User license for the FortiSASE Sovereign on-premises deployment model. Provides secure private access through a unified agent for SASE, ZTNA, and VPN, or agentless access through SWG. Includes up to three devices per user.	FC3-10-EMSSV-552-02-DD
2000-9999 Users		FC4-10-EMSSV -552-02-DD
10000+ Users		FC5-10-EMSSV -552-02-DD
BRANCH ON-RAMP CONNECTIVITY TUNNEL	**DESCRIPTION**	**SKU**
Add-on License for 1,500 Tunnels	Stackable add-on license for 1,500 tunnels. Licenses are sized by total IPSec tunnel connections from non Fortinet, third party devices. Pooled across all Sovereign SASE Security POPs.	1,500 tunnels: FC1-10-OVSAE-1342-02-DD
Add-on License for 15,000 Tunnels	Stackable add-on license for 15,000 tunnels. Licenses are sized by total IPSec tunnel connections from non Fortinet, third party devices. Pooled across all Sovereign SASE Security POPs.	15,000 tunnels: FC3-10-OVSAE-1342-02-DD

SECURITY INSPECTION: FORTIGATE

	FG-90/91G	FG-900/901G	FG-3501G
SPECIFICATION			
Threat Protection	2.2 Gbps	30 Gbps	105 Gbps
Maximum Number of Clients Connected to Gateway Tunnels	2500	50,000	200,000
IPsec VPN Throughput (512 Byte)	25 Gbps	55 Gbps	163 Gbps
Interfaces	2× 10 GE SFP+, 18x GE RJ45, 4x Shared Port Pairs, 8x GE SFP	4× 25 GE SFP28, 4× 10 GE SFP+, 1× 2.5GE RJ45, 8x GE SFP, 17x GE RJ45	2× 400GE QSFP-DD, 4× 100GE QSFP28, 30x 25GE SFP28, 2× 10GE RJ45
Max Virtual Domains (VDOMs)	10	50	500

ORDER INFORMATION

	FG-91G	FG-901G	FG-3501G
HARDWARE BUNDLE			
Hardware plus FortiCare Premium and Sovereign SASE Security Inspection Service	FG-91G-BDL-1082-DD	FG-901G-BDL-1082-DD	FG-3501G-BDL-1082-DD
A-LA CARTE COMPONENTS			
Hardware Only Bundle	FG-91G	FG-901G	FG-3501G
Sovereign SASE Security Inspection Entitlement for FortiGate Only	FC-10-0091G-1082-02-DD	FC-10-FG9H1-1082-02-DD	FC-10-G35G1-1082-02-DD

DATA SOVEREIGNTY & ANALYTICS: FORTIANALYZER

	FORTIANALYZER 1000G	FORTIANALYZER 3100G	FORTIANALYZER 3510G	FORTIANALYZER 3750G
SPECIFICATION				
Maximum Logs/Day	660 GB	3 TB	5 TB	8.3 TB
Analytic Sustained Rate	20000	42000	60000	100000
Maximum Number of Days Analytics	60	30	35	60
Form Factor	2 RU Rackmount	3 RU Rackmount	4 RU Rackmount	4 RU Rackmount

ORDER INFORMATION

SOLUTION	DESCRIPTION	SKU
FortiAnalyzer 1000G	FortiAnalyzer appliance for log storage and reporting. Required for FortiSASE Sovereign services.	FAZ-1000G
FortiAnalyzer 3100G		FAZ-3100G
FortiAnalyzer 3510G		FAZ-3510G
FortiAnalyzer 3750G		FAZ-3750G

DATA SOVEREIGNTY: FORTIANALYZER VIRTUAL APPLIANCE

FORTIANALYZER VIRTUAL APPLIANCES	FAZ VM GB1	FAZ VM GB5	FAZ VM GB25	FAZ VM GB100	FAZ VM GB500	FAZ VM GB2000
CAPACITY						
GB/day of Logs *	+1	+5	+25	+100	+500	+2000
Devices/VDOMs Maximum	10,000	10,000	10,000	10,000	10,000	10,000
Hypervisor Support	Up to date hypervisor support can be found in the release note for each FortiAnalyzer version. Visit https://docs.fortinet.com/product/fortianalyzer/ and find the Release Information at the bottom section. Go to "Product Integration and Support" → "FortiAnalyzer [version] support" → "Virtualization".					
vCPU Support (Minimum / Maximum)	4 / Unlimited					
**Network Interface Support (Min / Max) ** **	1 / 12					
Memory Support (Minimum / Maximum)	16 GB / Unlimited for 64 bit					

FORTISASE SOVEREIGN BUNDLE PACKAGES

FortiSASE Sovereign supports flexible deployment models that allow customers to choose where orchestration, security inspection, infrastructure, and data are hosted. The following examples illustrate three common architectures and the associated components required for each model.

	CLOUD ORCHESTRATOR W/ON-PREM SECURITY	ON-PREM ORCHESTRATOR W/ON-PREM SECURITY	CLOUD ORCHESTRATOR W/CLOUD SECURITY
Total Threat Protection	52.8 Gbps	52.8 Gbps	52.8 Gbps
Racks / POPs	4	4	4
# FortiGate	24	24	24
# FortiSwitch	4	4	-
SASE SERVICES			
AV, IPS, Web, DNS Filtering	✓	✓	✓
Botnet C&C Filtering	✓	✓	✓
SSL Inspection	✓	✓	✓
Inline CASB	✓	✓	✓
Inline DLP	✓	✓	✓
ZTNA	✓	✓	✓
ENDPOINT SECURITY			
Devices per User	3	3	3
Vulnerability Management	✓	✓	✓
Endpoint Protection Platform	✓	✓	✓
HOSTING MODEL			
Orchestrator and Web Portal	Fortinet	Customer	Fortinet
Security POP	Customer	Customer	Fortinet
Fabric Devices	Customer	Customer	Fortinet or Customer
Logs/Data	Customer	Customer	Fortinet or Customer

ORDER INFORMATION

	CLOUD ORCHESTRATOR W/ON-PREM SECURITY	ON-PREM ORCHESTRATOR W/ON-PREM SECURITY	CLOUD ORCHESTRATOR W/CLOUD SECURITY
CONTROL PLANE			
Orchestration License	FC-10-OVSAE-1081-02-DD	FC-10-OVSVM-1081-02-DD FC-10-MGSSS-258-02-DD FC4-10-ADVMS-1401-02-DD	FC-10-OVSAE-1081-02-DD
DATAPLANE: SECURITY INSPECTION			
FortiGate Hardware	FG-91G-BDL-1082-12 (x24)	FG-91G-BDL-1082-12 (x24)	
FortiGate FortiSASE Sovereign Subscription and VDOMs	Included in bundle	Included in bundle	LIC-FPTS-10K (x24) LIC-FPTS-1K (x72)
DATA AND LOGGING			
FortiAnalyzer Hardware	FAZ-3510G (2x)	FAZ-3510G (2x)	FAZ-3510G (2x)
FortiAnalyzer Subscription	No FortiSASE Sovereign entitlement required		
FortiSwitches	FS-2048F (x4) FC-10-S2F48-247-02-DD (x4)	FS-2048F (x4) FC-10-S2F48-247-02-DD (x4)	
USER LICENSING			
User License	FC5-10-EMSSS-552-02-DD (x10000)	FC5-10-EMSSV-552-02-DD (x10000)	FC5-10-EMSSS-552-02-DD (x10000)

PRODUCT EVALUATION PACKAGES

FortiSASE Sovereign offers specially designated **Not for Resale (NFR)** SKUs for FortiGates, along with evaluation **(EVAL) versions** of licenses and cloud software. These NFR SKUs are strictly intended for evaluation and testing purposes and are not designed for production use.

EVAL packages let partners test FortiSASE Sovereign services. Each FortiCare account supports one EVAL instance, capped at 100 users. While hardware and entitlements can be ordered individually, the **SSNFR bundles** are recommended as they include entitlements free of charge.

	CLOUD ORCHESTRATOR W/ON-PREM SECURITY	ON-PREM ORCHESTRATOR W/ON-PREM SECURITY
# Users	100 (Max)	100 (Max)
Racks / POPs	2	2
# FortiGate	4	4
# FortiSwitch	2	2
FortiGate Model	FortiGate 91G	FortiGate 91G
SASE SERVICES		
AV, IPS, Web, DNS Filtering	✓	✓
Botnet C&C Filtering	✓	✓
SSL Inspection	✓	✓
Inline CASB	✓	✓
Inline DLP	✓	✓
ZTNA	✓	✓
ENDPOINT SECURITY		
Devices per User	3	3
Vulnerability Management	✓	✓
HOSTING MODEL		
Orchestrator and Web Portal	Fortinet	Customer
Security POP	Customer	Customer
Fabric Devices	Customer	Customer
Logs/Data	Customer	Customer

ORDER INFORMATION

The packages below outline a sample bill of materials aligned with the desired package. SSNFR and EVAL offerings are available only with the Cloud Orchestrator deployment model; contact your local Fortinet representative to evaluate the on-premises virtual appliance deployment.

There are no minimum requirements on FortiGate models.

	CLOUD ORCHESTRATOR W/FG-91G)	ON-PREM ORCHESTRATOR W/FG-91G
Orchestration License (Includes 100 user licenses)	FC-10-OVSAN-1081-02-DD	FC-10-OVSVM-1081-02-DD FC-10-MGSSS-258-02-DD FC4-10-ADVMS-1401-02-DD
FortiSASE Sovereign 25 User License	FC-10-EMSSN-552-02-DD (4x)	FC3-10-EMSSV-552-02-DD
FortiGate Hardware (Includes FortiSASE Sovereign)	FG-91G-SSNFR (x4)	FG-91G-SSNFR (x4)
FortiAnalyzer Appliance	FAZ-VM	FAZ-VM

FREQUENTLY ASKED QUESTIONS - FORTISASE SOVEREIGN

Is FortiSASE Sovereign a SASE service?

FortiSASE Sovereign is not a standalone SASE service. It is designed as a turnkey solution to enable an organization or service provider to provide their own, customizable SASE services.

How does the responsibility model differ for FortiSASE Sovereign?

FortiSASE Sovereign uses the same core Fortinet technologies as the traditional FortiSASE service but gives the customer greater control over infrastructure placement and day-to-day operations. Depending on the selected deployment model, certain responsibilities may remain with Fortinet or shift to the customer, with guidance and support from Fortinet.

	FORTISASE	FORTISASE SOVEREIGN
TECHNOLOGY		
Model	Public	Private
Software	FortiOS	FortiOS
Endpoint Security	FortiClient	FortiClient
INFRASTRUCTURE		
Management Portal	Fortinet Datacenter	Customer or Fortinet Datacenter
Security Inspection Infrastructure	Fortinet Datacenter	Customer or Fortinet Datacenter (FGaaS)
Log / Data Storage	Fortinet Datacenter	Customer Datacenter or Fortinet Datacenter (FAZaaS)
CONTROL AND MANAGEMENT		
Lifecycle Management	Fortinet	Customer with Fortinet Guidance
Resource Management	Fortinet	Customer with Fortinet Guidance
Firmware Updates	Fortinet	Customer with Fortinet Guidance
Backups & Archiving	Fortinet	Customer
Archiving	Fortinet	Customer

How much control does an organization have when deploying FortiSASE Sovereign?

FortiSASE Sovereign gives organizations greater control over where the SASE platform is deployed, where security inspection occurs, and where logs and operational data are stored. Customers can use Fortinet-hosted components for a more turnkey experience or deploy the orchestration, security, and analytics components within customer-controlled infrastructure for a fully on-premises model.

Which deployment model is right for me?

The appropriate deployment model depends on your operational, privacy, and data-sovereignty requirements. The Cloud Orchestrator provides the simplest and most turnkey option for most organizations, while the on-premises Virtual Appliance is intended for customers that require the orchestration platform, security services, and associated data to remain within customer-controlled infrastructure.

What FortiSASE Sovereign components can be deployed on premises?

The orchestration platform, security inspection components such as FortiGate, and logging and analytics through FortiAnalyzer can all be deployed within the customer environment to support a fully sovereign, on-premises architecture. When ordering this deployment model, select the Virtual Appliance option, all required orchestration subcomponents, and the corresponding user licenses specifically designed for the on-premises deployment.

Can user licenses purchased for the Cloud deployment be used with the on-premises deployment?

No. The SaaS and on-premises deployment models use separate user license SKUs that are tied to their respective orchestration platforms. Customers deploying the on-premises Virtual Appliance must purchase the user licenses specifically designated for that model; existing SaaS user licenses cannot be transferred or reused

How do I order FortiSASE Sovereign and what is included in the licenses?

The complete FortiSASE Sovereign consists of four required components that collectively provide a private SASE service:

FORTISASE SOVEREIGN CLOUD ORCHESTRATOR AND PORTAL	FORTIGATE: FORTISASE SOVEREIGN SECURITY INSPECTION	FORTIANALYZER: DATA SOVEREIGNTY	FORTISASE SOVEREIGN USER LICENSE
Base license that includes the FortiSASE Sovereign cloud orchestrator and web portal.	FortiGate appliance with FortiSASE Sovereign entitlement. FortiGates provide security inspection for the FortiSASE Sovereign end users	FortiAnalyzer appliance for regional log storage and archiving	Per-user licensing for FortiSASE Sovereign services. Includes FortiClient EPP/ ATP licenses for endpoint security and connectivity

All four components are required for the FortiSASE Sovereign offering.

Can FortiSASE Sovereign work with FortiSASE in a hybrid solution?

No, FortiSASE Sovereign cannot be combined or used with FortiSASE.

It is designed as a sovereign solution, to be hosted in customer-controlled infrastructure. Organizations who wish to deliver their own private SASE service should ensure they have the infrastructure capacity to host the security inspection and data sovereignty appliance. For customers who do not wish to host any appliance, Fortinet offers hosted appliance solutions, such as FortiGate and FortiAnalyzer, that could be rented on a monthly basis.

Do I need to purchase additional FortiGate licenses, such as FortiGuard services or VDOM licenses?

No. The FortiSASE Sovereign FortiGate entitlement includes the required FortiGuard security services and VDOM licensing. No additional FortiGuard or VDOM licenses are required for FortiGate devices used as Sovereign SASE Security POPs.

Could the FortiGate (security inspection appliance) be hosted in Fortinet datacenters?

FortiGate-as-a-Service (FGaaS), is the industry's first Hardware-as-a-Service option that combines the power of our proprietary ASIC technology with the flexibility and scalability of cloud services. This service can be used with FortiSASE Sovereign to utilize Fortinet resources for security inspection. FortiAnalyzer-as-a-Service will be available in a future release.

Who controls the design and architecture of FortiGate and Security Fabric devices?

While Fortinet provides best practice design and topologies, we give the customer autonomy over their design and deployment for their SASE service. Customers can choose how many FortiGates to deploy according to their intra-datacenter and inter-datacenter failover requirements.

How do I get started with a trial or evaluation?

For evaluation and testing purposes (non-production use), we recommend ordering designated Not For Resale (NFR) SKUs through your partner. These SKUs are purpose-built and heavily discounted to support product trials and validation.

The following components are recommended to get started:

- FortiSASE Sovereign Orchestration EVAL License: FC-10-OVSAN-1081-02-DD
- FortiSASE Sovereign 25 User License: FC-10-EMSSN-552-02-DD (Quantity of 4 max)
- FortiGate 91G or 901G (SSNFR version): FG-91G-SSNFR or FG-901G-SSNFR
- Any FortiAnalyzer appliance with firmware 7.4 or above

SSNFR and EVAL offerings are available only with the Cloud Orchestrator deployment model; contact your local Fortinet representative to evaluate the on-premises virtual appliance deployment.

What are the limitations in the EVAL versions of the FortiSASE Sovereign Orchestrator and User licenses?

The FortiSASE Sovereign EVAL Orchestrator is limited to a maximum of 100 EVAL users, and works with 'SSNFR' Fortigate models only. This EVAL version of the FortiSASE Sovereign Orchestrator is intended for evaluation and demo purposes only and is not intended for use in production environments.

How does the user licensing work in the EVAL version ?

The FortiSASE Sovereign EVAL Orchestrator supports a maximum of 100 user licenses. User licensing is sold in packs of 25, with a minimum order quantity of 1 (25 total users). The maximum order quantity of FortiSASE Sovereign User License is 4 (100 total).

What is different about the SSNFR FortiGate models compared to production?

FortiSASE Sovereign Not For Resale (SSNFR) SKUs are intended to be used with the FortiSASE Sovereign EVAL Orchestrator for evaluation and demo purposes only. They are not intended to be used in production environments.

FortiGate 'SSNFR' models are fully functional FortiGate devices and include 1 year security inspection entitlement for the FortiSASE Sovereign EVAL service.

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