Reference Guide

FortiSASE 26.1

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Introduction

A cloud-based SaaS service, FortiSASE, is available. With FortiSASE, you can ensure to protect remote, off-net endpoints with the same security policies as when they are on-net, no matter their location. The service is available through a subscription based on the number of endpoints or users.

This document provides FortiSASE reference information.

Global data centers

> 💡 Remote users in mainland China connecting to a FortiSASE security PoP outside the country for secure internet access may encounter suboptimal performance, including slower or less direct routing to the nearest FortiSASE security PoP. This is largely due to the impact of the regulatory framework controlling internet traffic in and out of mainland China, which can result in delays, traffic filtering, or throttling that affects overall connectivity and performance.

The following table provides global data center information for FortiSASE. See Appendix A - FortiSASE data centers for dynamic feed details.

To view real-time information on data center status, go to https://status.fortisase.com and click the plus sign (+) next to *Fortinet Cloud Locations* or *Public Cloud Locations*.

Public Cloud location considerations

- The following table lists public cloud locations with security capabilities.
- Public cloud locations can only be selected as Analytics/Logging PoPs with the Comprehensive license.
- If an instance requires source IP anchoring, then all Security PoPs selected for the instance must support source IP anchoring.

Fortinet Cloud location considerations

- Fortinet Cloud locations may have limited availability. The relevant data centers are indicated in the table, although location availability is subject to change. Refer to https://status.fortisase.com for real-time information on location availability.

Cloud	Location	Analytics location	Endpoint management location	Availability
Fortinet	Ashburn - Virginia - USA (IAD-F4)	Yes	No	Any subscription
Fortinet	Auckland, New Zealand (AKL-F1)	Yes	No	Any subscription
Fortinet	Bangalore - India (BLR-F1)	Yes	No	Any subscription[2]

Cloud	Location	Analytics location	Endpoint management location	Availability
Fortinet	Dallas - Texas - USA (DFW-F2)	Yes	No	Any subscription[2]
Fortinet	Dubai - United Arab Emirates (DXB-F1)	Yes	No	Any subscription[2]
Fortinet	Dubai - United Arab Emirates (DXB-F2) To comply with UAE regulations and to avoid latency issues, on-shore (domestic) customers must use this location.	Yes	No	Any subscription[2]
Fortinet	Frankfurt - Germany (FRA-F4)	Yes	Yes	Any subscription[2]
Fortinet	Hong Kong (HKG-F1)	Yes	No	Any subscription
Fortinet	Istanbul – Turkey (IST-F1)	Yes	No	Standard subscription (Feature only), Advanced or Comprehensive subscription
Fortinet	Johannesburg - South Africa (JNB-F1)	Yes	No	Any subscription
Fortinet	Komagome - Japan (TYO-F4)[3]	Yes	No	Any subscription[2]
Fortinet	London - United Kingdom (LON-F4)	Yes	Yes	Any subscription[2]
Fortinet	Madrid - Spain (MAD-F2)	Yes	No	Any subscription
Fortinet	Miami - Florida - USA (MIA-F2)	Yes	No	Any subscription[2]
Fortinet	Ottawa - Canada (YOW-F1)[3]	Yes	No	Any subscription[2]
Fortinet	Paris - France (PAR-F4)	Yes	No	Any subscription[2]

Cloud	Location	Analytics location	Endpoint management location	Availability
Fortinet	Plano - Texas - USA (DFW-F3)	Yes	Yes	Any subscription
Fortinet	Pune - India (PNQ-F1)	Yes	Yes	Any subscription[2]
Fortinet	San Jose - California - USA (SJC-F4)	Yes	No	Any subscription
Fortinet	Sao Paulo - Brazil (GRU-F1)	Yes	No	Any subscription
Fortinet	Singapore - Republic of Singapore (SIN-F3)	Yes	No	Any subscription[2]
Fortinet	Sydney - Australia (SYD-F2)	Yes	Yes	Any subscription[2]
Fortinet	Tokyo - Japan (TYO-F2)[3]	Yes	Yes	Any subscription[2]
Fortinet	Toronto - Canada (YTO-F2)	Yes	No	Any subscription[2]
Fortinet	Valbonne - France (NCE-F1)	Yes	No	Any subscription. Not available for new provisioning[2]
Fortinet	Vancouver - Canada (YVR-F2)	Yes	No	Any subscription
Public	Abu Dhabi - United Arab Emirates (AUH-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Amsterdam - Netherlands (AMS-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Ashburn - Virginia - USA (IAD-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Ashburn - Virginia - USA (IAD-O1)[1]	No	No	Advanced or Comprehensive Subscription

Cloud	Location	Analytics location	Endpoint management location	Availability
Public	Auckland - New Zealand (AKL-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Bangkok - Thailand (BKK-A1)[1]	Yes	No	Advanced or Comprehensive Subscription
Public	Bogotá - Colombia (BOG-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Buenos Aires - Argentina (BUE-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Chicago - Illinois - USA (ORD-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Chicago - Illinois - USA (ORD-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Columbus - Ohio - USA (CMH-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Cyberjaya - Malaysia (KUL-A1)[1]	Yes	No	Advanced or Comprehensive Subscription
Public	Dallas - Texas - USA (DFW-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Dammam - Saudi Arabia (DMM-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Delhi - India (DEL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Doha - Qatar (DOH-G2)	Yes	No	Advanced or Comprehensive Subscription

Cloud	Location	Analytics location	Endpoint management location	Availability
Public	Dubai - United Arab Emirates (DXB-A1)[1]	Yes	No	Advanced or Comprehensive Subscription
Public	Ireland (DUB-A2)[1]	Yes	No	Advanced or Comprehensive Subscription
Public	Frankfurt - Germany (FRA-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Frankfurt - Germany (FRA-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Hamina - Finland (HEL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Hong Kong – China (HKG-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Jakarta - Indonesia (JKT-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Jeddah - Saudi Arabia (JED-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Johannesburg - South Africa (JNB-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Las Vegas - Nevada - USA (LAS-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Lima - Peru (LIM-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	London - UK (LON-G2)	Yes	No	Advanced or Comprehensive Subscription

Cloud	Location	Analytics location	Endpoint management location	Availability
Public	London - UK (LON-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Madrid - Spain (MAD-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Manila - Philippines (MNL-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Melbourne - Australia (MEL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Miami - US (MIA-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Milan - Italy (MIL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Milan - Italy (MIL-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Moncks Corner - South Carolina - USA (CHS-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Montreal - Canada (YMQ-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Mumbai - India (BOM-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Mumbai - India (BOM-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Muscat - Oman (MCT-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Osaka - Japan (OSA-G2)	Yes	No	Advanced or Comprehensive

Cloud	Location	Analytics location	Endpoint management location	Availability
				Subscription
Public	Paris - France (PAR-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Paris - France (PAR-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Perth - Australia (PER-A1)[1,4]	Yes	No	Advanced or Comprehensive Subscription
Public	Portland - Oregon - USA (PDX-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Querétaro - Mexico (QRO-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Santiago - Chile (SCL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	São Paulo - Brazil (SAO-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Seoul - South Korea (SEL-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Singapore - Republic of Singapore (SIN-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	St. Ghislain, Belgium (BRU-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Stockholm - Sweden (STO-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Sydney - Australia (SYD-G2)	Yes	No	Advanced or Comprehensive Subscription

Cloud	Location	Analytics location	Endpoint management location	Availability
Public	Sydney - Australia (SYD-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Taipei - Taiwan (TPE-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Tel Aviv - Israel (TLV-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Tokyo - Japan (TYO-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Toronto - Canada (YTO-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Vinhedo - Brazil (VCP-O1)[1]	No	No	Advanced or Comprehensive Subscription
Public	Warsaw - Poland (WAW-G2)	Yes	No	Advanced or Comprehensive Subscription
Public	Zürich - Switzerland (ZRH-G2)	Yes	No	Advanced or Comprehensive Subscription

[1]Contact FortiCare Support to upgrade to FortiSASE Feature in order to support provisioning of this Security PoP.

[2]Limited availability. See Fortinet Cloud location considerations on page 5 for more information.

[3]For this location, analytics and endpoint management does not support data at rest encryption.

[4]Currently does not support source IP anchoring.

Supported cipher suites for secure external syslog server

> The following lists only TLS 1.2-supported cipher suites.

Cipher
ECDHE-RSA-AES256-GCM-SHA384
ECDHE-RSA-CHACHA20-POLY1305
ECDHE-RSA-AES128-GCM-SHA256
ECDHE-RSA-AES256-SHA
ECDHE-RSA-AES128-SHA
ECDHE-RSA-DES-CBC3-SHA
AES256-GCM-SHA384
AES256-CCM
AES128-GCM-SHA256
AES128-CCM
AES256-SHA
CAMELLIA256-SHA
AES128-SHA
CAMELLIA128-SHA
DES-CBC3-SHA
TLS_RSA_WITH_CAMELLIA_128_GCM_SHA256
TLS_RSA_WITH_CAMELLIA_256_GCM_SHA384
TLS_ECDHE_RSA_WITH_CAMELLIA_128_GCM_SHA256
TLS_ECDHE_RSA_WITH_CAMELLIA_256_GCM_SHA384

Supported cipher suites for endpoint management

For data at rest, FortiSASE relies on the storage layer of its cloud platform for encryption, namely, all disk volumes are encrypted.

For FortiSASE endpoint management using FortiClient Cloud, encryption in transit protects the following traffic:

- FortiClient Telemetry traffic to TCP port 8013 on FortiClient Cloud uses a proprietary text-based protocol on top of TLS.
- FortiGate traffic to TCP port 443 on FortiClient Cloud uses a proprietary REST API on top of TLS.

The following tables list the supported TLS 1.3 and TLS 1.2 cipher suites for the above encrypted traffic.

FortiClient Telemetry to FortiClient Cloud traffic

TLS 1.3 cipher
TLS_AES_128_GCM_SHA256
TLS_AES_256_GCM_SHA384
TLS_CHACHA20_POLY1305_SHA256

TLS 1.2 cipher
ECDHE-RSA-AES256-GCM-SHA384
ECDHE-RSA-CHACHA20-POLY1305
ECDHE-ARIA256-GCM-SHA384
ECDHE-RSA-AES128-GCM-SHA256
ECDHE-ARIA128-GCM-SHA256
ECDHE-RSA-AES256-SHA384
ECDHE-RSA-CAMELLIA256-SHA384
ECDHE-RSA-AES128-SHA256
ECDHE-RSA-CAMELLIA128-SHA256
ECDHE-RSA-AES256-SHA
ECDHE-RSA-AES128-SHA

FortiGate to FortiClient Cloud REST API traffic

TLS 1.3 cipher
TLS_AES_256_GCM_SHA384
TLS_CHACHA20_POLY1305_SHA256
TLS_AES_128_GCM_SHA256

TLS 1.2 cipher
ECDHE-RSA-AES256-GCM-SHA384
ECDHE-RSA-AES128-GCM-SHA256
DHE-RSA-AES256-GCM-SHA384
DHE-RSA-AES128-GCM-SHA256
ECDHE-RSA-AES256-SHA384
ECDHE-RSA-AES256-SHA
DHE-RSA-AES256-CCM8
DHE-RSA-AES256-CCM
DHE-RSA-AES256-SHA256
DHE-RSA-AES256-SHA
ECDHE-RSA-AES128-SHA256
ECDHE-RSA-AES128-SHA
DHE-RSA-AES128-CCM8
DHE-RSA-AES128-CCM
DHE-RSA-AES128-SHA256
DHE-RSA-AES128-SHA
AES256-GCM-SHA384
AES128-GCM-SHA256
AES256-CCM8
AES256-CCM
AES128-CCM8
AES128-CCM
AES256-SHA256
AES128-SHA256

TLS 1.2 cipher
AES256-SHA
AES128-SHA

Change log

Date	Change description
2026-03-05	Initial release.
2026-03-06	Updated Global data centers on page 5.
2026-03-13	Updated Global data centers on page 5.
2026-03-16	Updated Global data centers on page 5.
2026-03-18	Updated Global data centers on page 5.
2026-03-26	Updated Global data centers on page 5.
2026-03-27	Updated Global data centers on page 5.

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