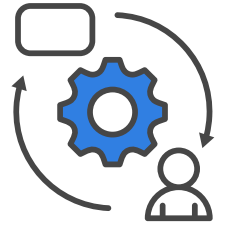


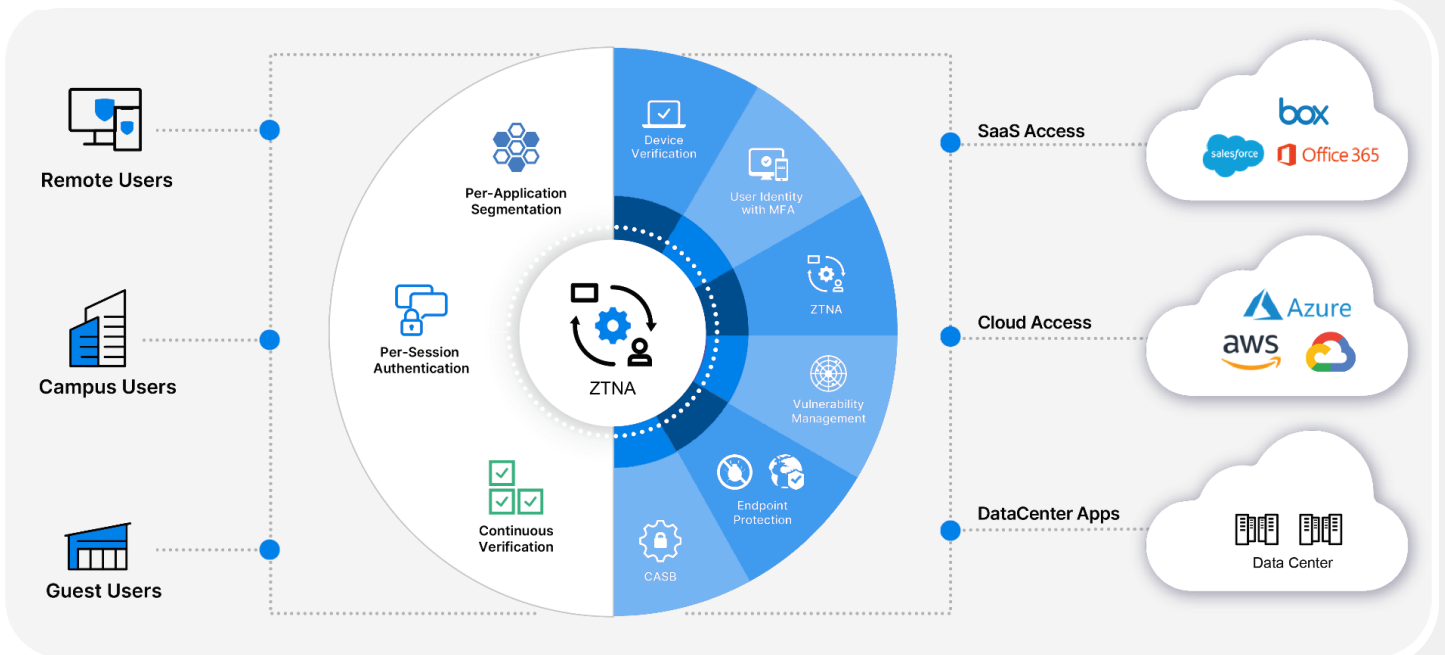
Universal ZTNA



Welcome to the Fortinet Universal ZTNA Ordering Guide. This guide is designed to help customers understand and navigate the various options available for deploying Fortinet’s Zero Trust Network Access (ZTNA) solution, which ensures secure access to resources based on identity and contextual information about both the user and the device, dynamically re-evaluated in real-time for ongoing application access.

Guide Outlines

- **Key Capabilities:** Universal ZTNA ensures secure access to resources through granular visibility to all application access, Cloud Access Security Broker (CASB) for SaaS application control, Data Leak Prevention (DLP) inspection, and automatic, transparent encrypted tunnels for all application access.
- Integration with the Fortinet Security Fabric, enhancing overall security posture.
- Core ZTNA concepts, including per-application segmentation, per-session authentication, and continuous verification.
- Key components involved in Universal ZTNA deployments, such as the ZTNA Agent and ZTNA Application Gateway.



ZTNA	
	ZTNA AGENT
	ZTNA APPLICATION GATEWAY*
Transparent steering of ZTNA connections	✓
Endpoint health, telemetry, identity and certificates	✓
Continuous monitoring & re-assessment	✓
Single Sign On and SAML	✓
Application Access (Micro) Segmentation	✓
Per-session posture and identity enforcement	✓
Server Load Balancing (HW accelerated)	✓
Single Sign On and SAML	✓
Central Reporting and Analytics	✓
Single Sign On and SAML	✓

* ZTNA Application Gateway is a feature of FortiOS, supported by all FortiGate platforms running 7.0 and above.

Customers can get ZTNA deployment assistance with FortiClient Best Practice Service (BPS) from Fortinet product experts and get step by step guidance to help with their ZTNA deployment.



ZTNA Agent

FortiClient

FortiClient can be provisioned on a per-user or per-endpoint basis, and managed from a cloud-based (SaaS) console or on-premise depending on corporate requirements. Additional managed services options are available to assist with initial setup, user onboarding, upgrades, and other operations.

The following table summarizes the most popular options:

Endpoint Subscriptions

REMOTE USERS			
	ZTNA / VPN AGENT	EPP/APT AGENT	MANAGED ZTNA AGENT
Secure Application Access			
Transparent ZTNA Application Gateway for End User	✓	✓	✓
Endpoint Health, Telemetry, Identity, and Certificates	✓	✓	✓
Continuous Monitoring of Endpoint Posture Check	✓	✓	✓
Central Management and Onboarding	✓	✓	✓
TCP Forwarding	✓	✓	✓
Multi-Factor Authentication (MFA)	✓	✓	✓
IT Hygiene			
Vulnerability Management	✓	✓	✓
Software Inventory		✓	✓
Removable Media Support		✓	✓
SaaS Security			
FortiCASB Cloud	License Included	License Included	License Included
Cloud/API-based CASB	✓	✓	✓
Real-time SaaS Application Control (Inline CASB)	✓	✓	✓
FortiGuard SaaS Application Database Updates	✓	✓	✓
Malware Detection for Cloud	✓	✓	✓
SASE	Optional Upgrade (cloud only)	Optional Upgrade (cloud only)	Optional Upgrade (cloud only)
Advanced Threat Protection (ATP)			
Web Filtering	✓	✓	✓
Inline Sandbox Cloud Protection		✓	✓
Ransomware Prevention		✓	✓
Anti-Malware Prevention		✓	✓
FortiGuard Outbreak Detection		✓	✓
NOC / SOC Integration			
Central Management	✓	✓	✓
Central Logging & Reporting	✓	✓	✓
Single Sign-on Mobility	✓	✓	✓
SOC-as-a-Service Integration		Add-on ^①	Add-on ^①
FortiGuard FortiClient Forensic Service		Add-on ^①	Add-on ^①
Customer Support Services			
24x7 Premium Support	✓	✓	✓
Expert-assisted deployment and monitoring setup Tor EMS Cloud Platform, Windows, MacOS and Linux			✓
Best Practice Services (Assisted On-boarding)	Add-on	Add-on	✓
Technical Account Manager	Add-on	Add-on	Add-on

^① Order corresponding Forensics SKU for SOCaaS and FortiGuard Forensics.



ORDERING INFORMATION (ENDPOINT LICENSES)

CLOUD/SAAS HOSTED EMS

ENDPOINT LICENSE PACKS	ZTNA / VPN	EPP/ATP	FORENSICS
25-pack	FC1-10-EMS05-428-01-DD	FC1-10-EMS05-429-01-DD	FC1-10-EMS05-537-01-DD
500-pack	FC2-10-EMS05-428-01-DD	FC2-10-EMS05-429-01-DD	FC2-10-EMS05-537-01-DD
2,000-pack	FC3-10-EMS05-428-01-DD	FC3-10-EMS05-429-01-DD	FC3-10-EMS05-537-01-DD
10,000-pack	FC4-10-EMS05-428-01-DD	FC4-10-EMS05-429-01-DD	FC4-10-EMS05-537-01-DD

ON-PREMISE EMS

ENDPOINT LICENSE PACKS	ZTNA / VPN	EPP/ATP	FORENSICS
25-pack	FC1-10-EMS04-428-01-DD	FC1-10-EMS04-429-01-DD	FC1-10-EMS04-537-01-DD
500-pack	FC2-10-EMS04-428-01-DD	FC2-10-EMS04-429-01-DD	FC2-10-EMS04-537-01-DD
2,000-pack	FC3-10-EMS04-428-01-DD	FC3-10-EMS04-429-01-DD	FC3-10-EMS04-537-01-DD
10,000-pack	FC4-10-EMS04-428-01-DD	FC4-10-EMS04-429-01-DD	FC4-10-EMS04-537-01-DD

ORDERING INFORMATION (MANAGED FORTICLIENT SERVICE)

Managed FortiClient includes all components – EPP, APT, VPN, Zero Trust, Forensics, IT Hygiene and more.

ENDPOINT LICENSE PACKS	SEPP/ATP	FORENSICS
25-pack	FC1-10-EMS05-485-01-DD	FC1-10-EMS04-539-01-DD
500-pack	FC2-10-EMS05-485-01-DD	FC2-10-EMS04-539-01-DD
2,000-pack	FC3-10-EMS05-485-01-DD	FC3-10-EMS04-539-01-DD
10,000-pack	FC4-10-EMS05-485-01-DD	FC4-10-EMS04-539-01-DD

ORDERING INFORMATION (USER-BASED LICENSE)

USER RANGE SKUS (FORTITRUST)	ZTNA / VPN	EPP/ATP	MANAGED ZTNA AGENT
100 - 499 Users	FC2-10-EMS05-509-02-DD	FC2-10-EMS05-546-02-DD	FC2-10-EMS05-556-02-DD
500 - 1,999 Users	FC3-10-EMS05-509-02-DD	FC3-10-EMS05-546-02-DD	FC3-10-EMS05-556-02-DD
2,000 - 9,999 Users	FC4-10-EMS05-509-02-DD	FC4-10-EMS05-546-02-DD	FC4-10-EMS05-556-02-DD
s10,000+ Users	FC5-10-EMS05-509-02-DD	FC5-10-EMS05-546-02-DD	FC5-10-EMS05-556-02-DD

ORDERING INFORMATION (BEST PRACTICE SERVICE)

BEST PRACTICE SERVICE	ASSISTED ON-BOARDING
up to 999	FC1-10-FCBPS-310-02-DD
1,000 - 9,999	FC2-10-FCBPS-310-02-DD
10,000+	FC5-10-FCBPS-310-02-DD



ZTNA Application Gateway

Fortigate

Note, there are many variations for the FortiGate platform, including:

- Interface speed
- Capacity / Performance
- Wireless, Switch and 3G/4G/5G ports
- Local Storage

Refer to the latest datasheets for the latest information. The following table showcases the latest generation platforms with default options over a range of capacity:

CAPABILITY	70F	80F	90G
SSL Inspection	1.4 Gbps	715 Mbps	Coming Soon
Threat Protection	1.3 Gbps	900 Mbps	Coming Soon
ZTNA Application Gateway/ App Segmentation	⊙	⊙	Coming Soon
Single Sign On with SAML	⊙	⊙	Coming Soon
Server Load Balancing	⊙	⊙	Coming Soon
Web Forwarding	HTTPS	HTTPS	Coming Soon
TCP Forwarding	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	Coming Soon
SaaS Application Enforcement (Inline CASB)	⊙	⊙	Coming Soon

CAPABILITY	100F	200F	400F	600F	900G
SSL Inspection	1 Gbps	4 Gbps	8 Gbps	9 Gbps	Coming Soon
Threat Protection	1 Gbps	3 Gbps	9 Gbps	10.5 Gbps	Coming Soon
ZTNA Application Gateway/ App Segmentation	⊙	⊙	⊙	⊙	Coming Soon
Single Sign On with SAML	⊙	⊙	⊙	⊙	Coming Soon
Server Load Balancing	⊙	⊙	⊙	⊙	Coming Soon
Web Forwarding	HTTPS	HTTPS	HTTPS	HTTPS	Coming Soon
TCP Forwarding	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	Coming Soon
SaaS Application Enforcement (Inline CASB)	⊙	⊙	⊙	⊙	Coming Soon

CAPABILITY	1800F	2600F	3500F	4200F	4400
SSL Inspection	17 Gbps	20 Gbps	63 Gbps	Coming Soon	Coming Soon
Threat Protection	15 Gbps	17 Gbps	63 Gbps	Coming Soon	Coming Soon
ZTNA Application Gateway/ App Segmentation	⊙	⊙	⊙	Coming Soon	Coming Soon
Single Sign On with SAML	⊙	⊙	⊙	Coming Soon	Coming Soon
Server Load Balancing	⊙	⊙	⊙	Coming Soon	Coming Soon
Web Forwarding	HTTPS	HTTPS	HTTPS	Coming Soon	Coming Soon
TCP Forwarding	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	HTTPS, SSH, ETP, Telnet	Coming Soon	Coming Soon
SaaS Application Enforcement (Inline CASB)	⊙	⊙	⊙	Coming Soon	Coming Soon



Fortigate

BRANCH BUNDLES			
FORTIGATE	70F	80F	90G
Hardware Bundle	FG-70G-BDL-809-DD	FG-80F-BDL-809-DD	FG-90G-BDL-809-DD
Renewal	FC-10-0070G-80902-DD	FC-10-0080F-80902-DD	FC-10-0090G-80902-DD

MIDRANGE BUNDLES					
FORTIGATE	100F	200F	400F	600F	900G
Enterprise Bundle					
Hardware Bundle	FG-100F-BDL-809-DD	FG-200F-BDL-809-DD	FG-400F-BDL-809-DD	FG-600F-BDL-809-DD	FG-900G-BDL-809-DD
Renewal	FC-10-F100F-809-02-DD	FC-10-F200F-809-02-DD	FC-10-0400F-809-02-DD	FC-10-0600F-809-02-DD	FC-10-0900G-809-02-DD
UTP Bundle					
Hardware Bundle	FG-100F-BDL-950-DD	FG-200F-BDL-950-DD	FG-400F-BDL-950-DD	FG-600F-BDL-950-DD	FG-900G-BDL-950-DD
Renewal	FC-10-F100F-950-02-DD	FC-10-F200F-950-02-DD	FC-10-0400F-950-02-DD	FC-10-F6H0F-950-02-DD	FC-10-FG9H0-950-02-DD

HIGH END BUNDLES					
FORTIGATE	1800F	2600F	3500F	4200F	4400
Enterprise Bundle					
Hardware Bundle	FG-1800F-BDL-809-DD	FG-2600F-BDL-809-DD	FG-3500F-BDL-809-DD	FG-4200F-BDL-809-DD	FG-4400F-BDL-809-DD
Renewal	FC-10-F18HF-80902-DD	FC-10-F26HF-80902-DD	FC-10-F3K0F-80902-DD	FC-10-F42HF-80902-DD	FC-10-F44HF-809-02-DD
UTP Bundle					
Hardware Bundle	FG-1800F-BDL950-DD	FG-2600F-BDL950-DD	FG-3500F-BDL950-DD	FG-4200F-BDL950-DD	FG-4400F-BDL-950-DD
Renewal	FC-10-F18HF-95002-DD	FC-10-F26HF-95002-DD	FC-10-F3K5F-95002-DD	FC-10-F42HF-95002-DD	FC-10-F44HF-950-02-DD

ZTNA Application Gateway is available as a standalone VM on Azure and AWS marketplace.





Fortinet Training and Certification

FCSS - Zero Trust Access Training and Certification

The FCSS in Zero Trust Access certification was retired on June 30th, 2025. As Zero Trust Access is now a model implemented through various cybersecurity solutions, this knowledge is valuable for all cybersecurity job roles. Consequently, the content of this certification has been incorporated (where applicable) into other FCSS certifications. All active FCSS in Zero Trust Access certifications will be honoured by Fortinet until their expiration date.

To continue learning about ZTNA, we recommend the following courses:

- NSE4 – FortiGate Administrator
- NSE5 – FortiClient EMS Administrator
- NSE7 – FortiSASE Administrator (if you are using FortiSASE as part of the ZTNA solution)

The recommended certification paths you can follow, related to ZTNA are:

- If you are using ZTNA with FortiGate only (not FortiSASE), the recommended certification path is: FCP in Network Security → FCSS in Network Security.
- If you are using ZTNA with FortiGate and FortiSASE, the recommended certification path is: FCP in Network Security → FCSS in Secure Access Service Edge.

Course Description

For more information about prerequisites, agenda topics and learning objectives, please refer to the course description at

[FortiGate Administrator](#) | [Training Institute FortiClient EMS Administrator](#) | [Training Institute FortiSASE Administrator](#) | [Training Institute](#)

SKU Mapping

https://training.fortinet.com/local/staticpage/view.php?page=purchasing_process





Frequently Asked Questions

Which license do I need to purchase for ZTNA? Do I need to purchase license on both FortiClient and FortiGate?

You need to only purchase FortiClient ZTNA License. No additional ZTNA specific license is required on FortiGate working as ZTNA Gateway.

What is the best migration path to Full ZTNA using FortiGate as a ZTNA Gateway?

Existing FortiGate and/or FortiClient customers have a very simple path to adopting a zero trust architecture.

Path 1. ZTNA over VPN – use an existing and familiar VPN infrastructure with FortiGate VPN and FortiClient with security posture check tags. FortiGate policies can check the user identity along with endpoint security posture tags for device health assessment prior to application access. All access to applications will then include strict real-time posture checks.

Path 2. Full ZTNA – use the ZTNA Application Gateway in the FortiGate with the now familiar FortiClient security posture check tags to check user and device posture prior to application access. Per session and continuous verifications will take place and all communications will be over automatic encrypted tunnels.

Does FortiClient EPP License include ZTNA features also?

Yes, FortiClient EPP license includes ZTNA entitlements and help provide both secure remote access using ZTNA and Endpoint security features in a single unified agent.

Is Cloud API based CASB entitlement included with FortiClient ZTNA License? How does it work?

FortiClient ZTNA license includes FortiCASB (API-based) entitlement. FortiCASB account will automatically be provisioned and available to use once you register your FortiClient ZTNA license contract on FortiCare.

Is ZTNA available for mobile devices (iOS and Android)?

Yes, FortiClient/EMS 7.2.2 or later support ZTNA for web applications on mobile devices when EMS is integrated with a MDM.

Which FortiGate models support ZTNA Gateway features?

All FortiGate models running FortiOS 7.0 or later can support ZTNA Gateway feature.

Does FortiClient Best Practice Service help with ZTNA migration?

FortiClient Best Practice service is recommended for customers looking to migrate to new-usecases like ZTNA deployment. Fortinet product experts in BPS team can help understand your usecases and help guide you on phased migration to ZTNA.