# FORTINET

ORDERING GUIDE

# Universal ZTNA

Hybrid work is the new reality.  Users access applications from anywhere (on-prem or remote), while applications & data are hosted anywhere (data centre, public cloud, or SaaS).  Zero Trust Network Access (ZTNA) ensures secure access to resources based on identity and contextual information about both the user and the device, which are dynamically re-evaluated in real-time for ongoing application access.

Universal ZTNA is an integrated component of the Fortinet Security Fabric, giving administrators assurance that only trusted & validated users/devices can access sensitive data (on prem or in the cloud) no matter where the user is located. In addition to flexible zero trust posture assessment, Fortinet's Universal ZTNA also includes:

1. Granular visibility to all application access. Cloud Access Security Broker (CASB) for visibility and control of SaaS applications (inline and API-based)

2. Data leak prevention (DLP) inspection of all data (inline or at rest)

3. Automatic and transparent encrypted tunnels for all application access.
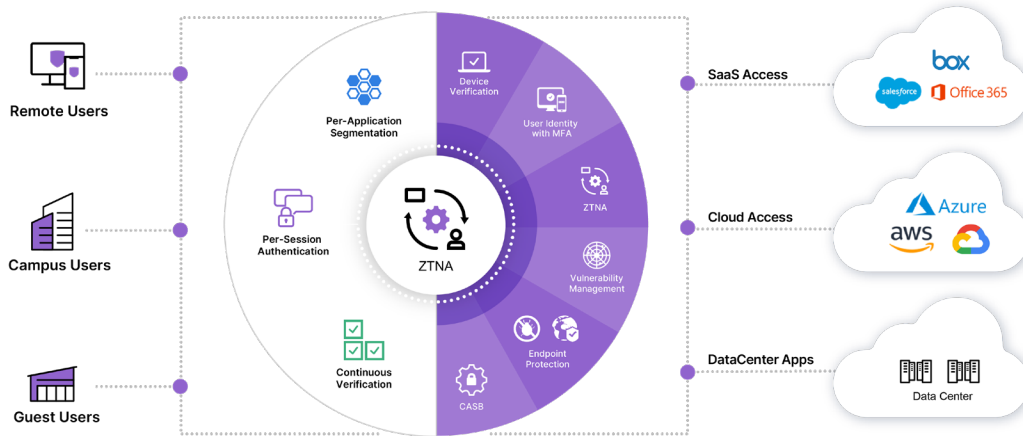
| | ZTNA AGENT | ZTNA APPLICATION GATEWAY* |
|---|:---:|:---:|
| Transparent steering of ZTNA connections | ✓ | |
| Endpoint health, telemetry, identity and certificates | ✓ | |
| Continuous monitoring & re-assessment | ✓ | |
| Single Sign On and SAML | ✓ | |
| | | |
| Application Access (Micro) Segmentation | | ✓ |
| Per-session posture and identity enforcement | | ✓ |
| Server Load Balancing (HW accelerated) | | ✓ |
| Single Sign On and SAML | | ✓ |
| | | |
| Central Reporting and Analytics | ✓ | ✓ |
| Central Management | ✓ | ✓ |

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

# 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 Managment 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** | | | |
| 24×7 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-EMS05-428-02-DD | FC1-10-EMS05-429-02-DD | FC1-10-EMS05-538-01-DD |
| 500-pack | FC2-10-EMS05-428-02-DD | FC2-10-EMS05-429-02-DD | FC2-10-EMS05-538-01-DD |
| 2,000-pack | FC3-10-EMS05-428-02-DD | FC3-10-EMS05-429-02-DD | FC3-10-EMS05-538-01-DD |
| 10,000-pack | FC4-10-EMS05-428-02-DD | FC4-10-EMS05-429-02-DD | FC4-10-EMS05-538-01-DD |

## ON-PREMISE EMS

| ENDPOINT LICENSE PACKS | ZTNA / VPN | EPP/ATP | FORENSICS |
|---|---|---|---|
| 25-pack | FC1-10-EMS04-428-02-DD | FC1-10-EMS04-429-02-DD | FC1-10-EMS04-538-01-DD |
| 500-pack | FC2-10-EMS04-428-02-DD | FC2-10-EMS04-429-02-DD | FC2-10-EMS04-538-01-DD |
| 2,000-pack | FC3-10-EMS04-428-02-DD | FC3-10-EMS04-429-02-DD | FC3-10-EMS04-538-01-DD |
| 10,000-pack | FC4-10-EMS04-428-02-DD | FC4-10-EMS04-429-02-DD | FC4-10-EMS04-538-01-DD |

## ORDERING INFORMATION (MANAGED FORTICLIENT SERVICE)

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

| ENDPOINT LICENSE PACKS | EPP/ATP | FORENSICS |
|---|---|---|
| 25-pack | FC1-10-EMS05-485-02-DD | FC1-10-EMS04-539-01-DD |
| 500-pack | FC2-10-EMS05-485-02-DD | FC2-10-EMS04-539-01-DD |
| 2,000-pack | FC3-10-EMS05-485-02-DD | FC3-10-EMS04-539-01-DD |
| 10,000-pack | FC4-10-EMS05-485-02-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 |
| 10,000+ 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 | 60F | 80F | 90G |
|---|---|---|---|
| SSL Inspection | 630 Mbps | 715 Mbps | Coming Soon |
| Threat Protection | 700 Mbps | 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** | **60F** | **80F** | **90G** |
| Hardware Bundle | FG-60F-BDL-809DD | FG-80F-BDL-809DD | FG-90G-BDL-809DD |
| Renewal | FC-10-0060F-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-BDL809-DD | FG-2600F-BDL809-DD | FG-3500F-BDL809-DD | FG-4200F-BDL809-DD | FG-4400F-BDL809-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-80902-DD |
| **UTP Bundle** | | | | | |
| Hardware Bundle | FG-1800F-BDL950-DD | FG-2600F-BDL950-DD | FG-3500F-BDL950-DD | FG-4200F-BDL950-DD | FG-4400F-BDL950-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-95002-DD |

# FORTINET TRAINING AND CERTIFICATION

**FCSS - Zero Trust Access Training and Certification**
Learn how to define, design, deploy, and manage Zero Trust Access (ZTA) using different Fortinet solutions. Also learn how to configure FortiGate, FortiClient EMS and other Fortinet devices to secure network and application access, monitor ZTA enforcement, and automate incident response.

**Ordering Information**

| SKU | DESCRIPTION |
|---|---|
| **FT-ZTA** | Instructor-led Training - 2 days |
| **FT-ZTA-LAB** | On-demand Labs in self-paced |
| **NSE-EX-FTE4** | Certification Exam |

# COURSE DESCRIPTION

For more information about prerequisites, agenda topics and learning objectives, please refer to the course description at
https://training.fortinet.com/local/staticpage/view.php?page=library_zero-trust-access

# FREQUENTLY ASKED QUESTIONS (FAQ)

**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 identify 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.

Visit www.fortinet.com for more details

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