FORTINET

ORDERING GUIDE

FortiPAM

Available in

Hardware
Form Factors

Virtual
Machine

Public
Cloud

Privileged Access is defined as access to an account with privileges beyond those of regular accounts, typically in keeping with roles such as IT Managers and System Administrators. Examples of privileged access include Firewall & Network Administrators, Windows Domain/Enterprise admin users, etc.

Importantly Privileged Account attacks remain a high-profile attack vector, and in many instances, detection alone is measured in *hundreds* of days, with recovery taking significantly longer.

FortiPAM protects privileged accounts against credential theft and privilege abuse by managing account credentials, controlling privileged user access, and monitoring privileged activity.

This ordering guide is designed to help you choose the right solution for your customers.

Key features of FortiPAM:

- Secret Management
  - Concise Secret access request/approval workflows
  - Secret check-out/check-in protection
  - Scheduled automated password changing
  - Broad (and growing) selection of native protocol launchers
  - ZTNA device tag to control access to PAM server and/or PAM secrets
  - Fully supports Service Account discovery and maintenance
  - Advance AES256 data encryption
  - Data encrypted at rest
- Session Management
  - Anti-Virus, DLP and FortiSandbox scanning for file transfer operations
  - Advanced RDP authentication protocol including CredSSP, TLS
  - SSH Command filtering & Logging
  - Windows RDP Command Filtering & Logging
  - Detailed session information, Session recording, Session reporting
  - Over-the-Shoulder Monitoring
  - In-Session recording notifications
  - Detailed Session Auditing, reporting & FortiAnalyzer Integration
  - Continuous ZTNA policy enforcement
  - Complete credential obfuscation: With FortiPAM it is entirely impossible to retrieve session credentials

- User Management
  - MultiFactor Authentication for local PAM users or remote SAML, Radius, LDAP user
  - Robust and concise RBAC
  - Full Sponsor-Admin support
  - LDAP User/Group Importing
  - Remote User Auto provision with Policy based access profile enforcement
- Distributed
  - FortiPAM now supports a fully distributed architecture.
  - Allows users to tunnel sessions to remote destinations
  - Connectivity to remote destination can be achieved on several platforms:
    - FortiPAM → FortiPAM
    - FortiPAM → FortiProxy
    - FortiPam →FortiSRA
    - FortiPAM → FortiGate
- Native High Availability(Active/Passive) Support

FortiPAM integrates with Fortinet's ZTNA technology to establish secure tunnels between the endpoint and the FortiPAM server. This approach facilitates a robust security posture, leaning into the full scope of ZTNA tags.

Note: ZTNA Integration requires installation of Fortinet FortiClient agent (Which include the FortiPAM agent capabilities.)

In cases where FortiClient install is impossible, FortiPAM offers a feature-rich browser extension. Alongside the FortiClient Agent on the Product Downloads page, users may additionally locate their preferred browser extension.

The table below summarizes the available FortiPAM features based on whether the user endpoint installs the web extension only, the standalone PAM agent, the full FortiClient agent, or with no agent or extension (i.e., pure web mode)

FEATURES	EXTENSION ONLY	FORTICLIENT STANDALONE FORTIPAM INSTALLER	FORTICLIENT STANDARD	NO AGENT OR EXTENSION (WEB MODE)
Windows OS	✓	✓	✓	✓
Linux OS	✓			✓
MacOS	✓			✓
ZTNA			✓	
Web SSH, Web-RDP, Web-VNC, Web-SFTP, Web-SMBA[1]	✓	✓	✓	✓
Proxy mode web browsing (credential Denied from end user)[2]	✓	✓	✓	
Session recording	✓	✓	✓	
Instant video uploading	✓	✓	✓	
Live Session Monitoring	✓	✓	✓	
Native program Putty key/password, mst-sc, vncviewer, winscp proxy mode[3]		✓	✓	
Native program Putty password, mstsc direct mode[4]		✓	✓	

1 Only supports proxy mode; credential protected in PAM
2 Credential denied from end user
3 Credential protected in PAM
4 Credential delivered to FortiClient with permission protection

LICENSE ORDERING INFORMATION

Licensing is spread across three main product areas:

- Hardware Units & Services
- User-license Upgrade for Hardware Models
- VM based appliances, each offering a set value of users.

See below for full SKU details:

FORTIPAM HARDWARE	SKU	DESCRIPTION
FortiPAM-1000G	FPA-1000G	Privileged Access Management appliance, including user licensing for up to 50 users
	FC-10-PA1KG-681-02-DD	Antivirus and Data Leak Prevention protection
	FC-10-PA1KG-247-02-DD	FortiCare Premium Support

UNIT	SKU	DESCRIPTION
FortiPAM-3000G	FPA-3000G	Privileged Access Management appliance, including user licensing for up to 100 users
	FC-10-PA3KG-681-02-DD	Antivirus and Data Leak Prevention protection
	FC-10-PA3KG-247-02-DD	FortiCare Premium Support

FORTIPAM - FPM-HW-UG	SKU	DESCRIPTION
FPM-HW-UG	FPM-HW-25UG	Adds 25 users to FPAM HW models' user limit.Stackable license.Support included.
	FPM-HW-50UG	Adds 50 users to FPAM HW models' user limit.Stackable license.Support included.
	FPM-HW-100UG	Adds 100 users to FPAM HW models' user limit.Stackable license.Support included.
	FPM-HW-200UG	Adds 200 users to FPAM HW models' user limit.Stackable license.Support included.

FORTIPAM-VM	SKU	DESCRIPTION
FortiPAM-VM	FC1-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for between 5 to 9 users. Includes FortiClient VRS agent for FPAM. Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license
	FC2-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for between 10 to 24 users. Includes FortiClient VRS agent for FPAM. Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license
	FC3-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for between 25 to 49 users. Includes FortiClient VRS agent for FPAM. Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license
	FC4-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for between 50 to 99 users. Includes FortiClient VRS agent for FPAM. Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license
	FC5-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for between 100 to 249 users. Includes FortiClient VRS agent for FPAM.Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license
	FC6-10-PAVUL-591-02-DD	Subscription for one FortiPAM Virtual Machine seat for 250 or more users. Includes FortiClient VRS agent for FPAM. Includes Advanced Malware Protection. Includes FortiCare Premium support. HA requires additional license

BOM EXAMPLES & USER LICENSING

BOM requirements differ based on whether the user wishes to purchase Hardware models, or VM instances.

Each of the hardware models ship with a quantity of users; 1000G shipping with 50 users by default, the 3000G shipping with 100. User upgrade packs exist for each, in addition to subscription packs for AV, DLP and FortiCare Premium Support.

Importantly, User subscriptions on the hardware platforms are perpetual, whereas users on the VM platforms fall under a subscription model, with 1, 3, and 5 year subscriptions available.

User requirement: 6 FortiPAM-VM users

BOM: 6 x FC1-10-PAVUL-591-02-DD.

User Requirement: 23 FortiPAM-VM users

BOM: 23 x FC2-10-PAVUL-591-02-DD

User Requirement: 80 users on a FortiPAM-1000G

BOM: 1 x FPA-1000G + 1xFPM-HW-50UG

User Requirement: 200 users on a FortiPAM-3000G, 5 years AV/DLP, 5 years FortiCare Premium Support

BOM: 1 x FPA-3000G + 1 x FPM-HW-100UG + FC-10-PA3KG-681-02-05 + FC-10-PA3KG-247-02-05

The are logical maximum numners of users per platform. overall maximum number of user licenses which can be stacked depends on the platform:

- **FortiPAM-VM:** Maximum 3000 enabled users
- **FortiPAM-1000G:** Maximum 1000 enabled users
- **FortiPAM-3000G:** 3000 enabled users

FORTIPAM HA

FortiPAM fully supports an HA and DR Configurations.

For VM users only, with the release of FortiPAM 1.5.0, Users are now 'Pooled' across the HA and DR appliances.

This means that, if a customer buys 25 users on the HA primary, and 5 users on the DR, the customer will have a collective pool of 30 users. In an HA 'event', that pool of users will become enabled on the DR appliance with no user input required.

Thus, if a customer wishes to setup FortiPAM in an HA environment, a BOM might look like this:

VM

User requirement: 30 FortiPAM-VM users, in an HA Configuration

BOM: 25 x FC3-10-PAVUL-591-02-DD, 5 x FC1-10-PAVUL-591-02-DD

HARDWARE

User requirement: 50 users on a FortiPAM-1000G, in an HA configuration

BOM: 2 x FPA-1000G

WHERE TO FIND AGENTS AND EXTENSIONS

EXTENSIONS:

Chrome: FortiPAM Password Filler

Edge: FortiPAM Password Filler

You can also find them on: https://www.fortinet.com/support/product-downloads

FORTIPAM AGENT:

Please refer to the FortiClient Product Download Page for downloading either the full FortiClient ZTNA installer and the standalone (free) FortiPAM agent.

Visit www.fortinet.com for more details

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