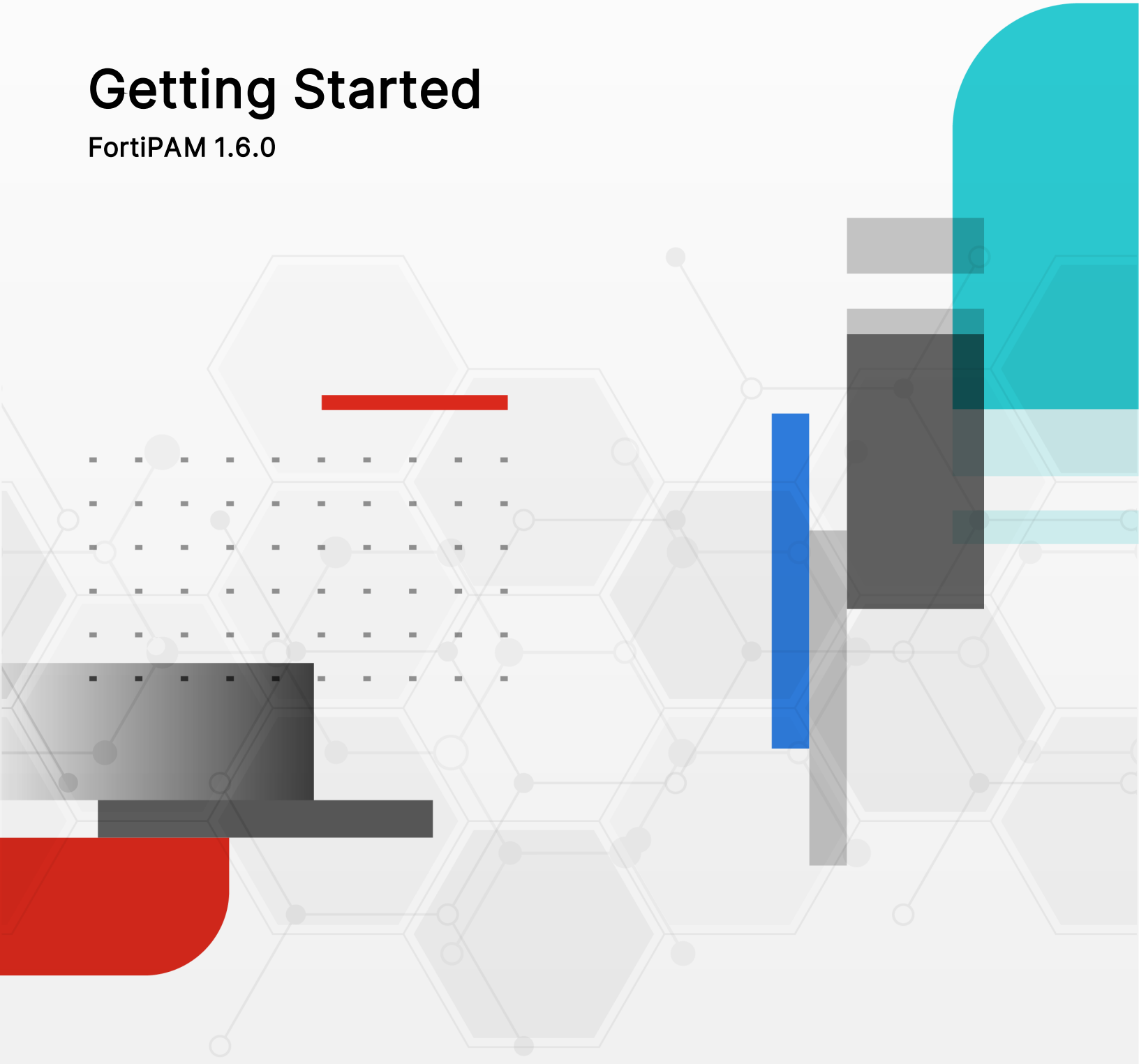
Getting Started

FortiPAM 1.6.0



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Change Log

Date	Change Description
2025-06-09	Initial release.

Getting started

FortiPAM is a privileged access management solution that delivers credential vaulting, privileged account access control, and privileged activity monitoring and recording.

Planning

Plan your FortiPAM deployment by reviewing requirements, licensing, and learning more about the product.

- Requirements on page 5
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- Learning more on page 6

Requirements

Ensure the following requirements are met for FortiPAM 1.6.0:

Requirement	Description
Supported Environments	FortiPAM 1.6.0 supports virtualization environments such as: • VMware ESXi/ESX 6.5 and above • KVM • Microsoft Hyper-V • Microsoft Azure • GCP (Google Cloud Platform) • AWS (Amazon Web Services) • Alibaba Cloud • Proxmox **Note**: FortiPAM supports both Linux and Windows environment.
FortiClient Compatibility	FortiPAM 1.6.0 requires FortiClient 7.4.0 or above to offer the full set of functionalities.
Browser Support	Chrome or Edge web browsers are suggested for use, as there are limitations with Firefox extension-only deployment.
Network Ports	FortiPAM listens on default ports: • HTTPS GUI: 443 • Web proxy: 8080 (if enabled) **Note**: Ensure these ports are open if using a firewall before FortiPAM.

Requirement	Description
VM Resources	For evaluation mode, FortiPAM requires less than 2 CPUs and 2048 MB of RAM. For a formal license, when using (v)TPM and disk encryption, it requires 4 GB of memory.
Disks	FortiPAM requires two disks to work; one for logs and another for video.

Licensing

FortiPAM requires a subscription-based license.

- **Evaluation mode**

  FortiPAM platforms work in evaluation mode until licensed. In this mode, a maximum of 2 users are allowed (a default Super Administrator and one additional user), and the evaluation license expires after 15 days.

  Note: All features are available except Antivirus Scan and DLP.
- **License activation**

  After purchasing, a license registration code is sent to your email. You must register it on FortiCloud and download the license file (`.lic`).

  The `.lic` file must then be uploaded to FortiPAM to activate it and obtain a valid serial number.
- **License expiration**

  FortiPAM provides license expiration notifications 30 days before expiry by default.

  Once the license expires, only a user with Super Administrator role can log in to the FortiPAM GUI, and FortiPAM goes into maintenance mode.

  In maintenance mode, secrets/folders are read-only, and critical processes like password changing are suspended.
- **Renewal**

  To renew a license, purchase a new one and register the contract code via the FortiPAM GUI or directly on FortiCloud.
- **Floating license**

  FortiPAM supports a floating license model for VM instances, primarily for HA setup, allowing the total user seats to be the sum of seats on primary and secondary units (e.g., 50+50=100 seats).

Learning more

- FortiPAM documentation
- Fortinet Training and Certification
- FortiCloud
- 4-D resources

Activating

Activate FortiPAM by completing the following

Creating a FortiCloud account

To create a FortiCloud account:

1. Go to FortiCloud.
2. Click *Create Account* and follow instructions to create an account.

Registering your FortiPAM license

After purchasing the FortiPAM license, you will receive a registration code via email.

To register the FortiPAM license:

1. While signed in to your FortiCloud account, go to *Services* > *Asset Management*, and click *Register Now*.
2. You should have received an email with your *Service Entitlement Summary* document.
   The document includes the *Contract Registration Code*.
3. In the *Registration Code* field, enter *Contract Registration Code* from the *Service Entitlement Summary* document.
4. Continue the remaining instructions to register the FortiPAM.
   For more information, see Registering assets in the latest *Asset Management Administration Guide*.

Provisioning

To install FortiPAM, see FortiPAM installation in the latest *FortiPAM Administration Guide*.

After installation, provisioning your FortiPAM involves initial setup steps to get your instance ready for use.

To provision FortiPAM:

1. **Log in to the FortiPAM GUI**:
   Once the FortiPAM-VM is powered on, at the login prompt, enter admin. By default, there is no password; you must set a new administrator password.
   On a web browser, go to FortiPAM GUI IP address to access the GUI.
   Initial network configuration for the GUI access might be required via CLI if not using DHCP, for example:

```
config system interface
 edit "port1"
  set ip 172.16.x.x/x #Depending on the network setting
  set type physical
  set snmp-index 1
 next
edit "port2"
 set ip x.x.x.x/x
 set type physical
 set snmp-index 2
next
config router static
 edit 1
  set gateway x.x.x.x
  set device "port1"
 next
end
```

   See FortiPAM appliance setup in the latest *FortiPAM Administration Guide*.
2. **Upload the license file**:
   If FortiPAM is in evaluation mode, after logging in, the *Upload License File* pane appears immediately.
   Select *Upload* and browse to your downloaded `.lic` file, then click *OK*.
   The license status changes to valid after reboot.
3. **Initial setup wizard for fresh installations**:
   If this is a fresh FortiPAM setup, the setup wizard is the default page once you log in.
   The wizard guides you through essential settings:
   - **Network**: Configure IP address and subnet mask for each port.
   - **License**: Provides options to upload your valid `.lic` file.
   - **General**: Specify hostname, maximum secret launching duration, and enable live recording.
   - **Time**: Configure system time and timezone, either manually or using an NTP server.
   - **Storage**: Verify log and video disk allocation.
   - **Security**: Optionally enable vTPM and private data encryption.

Note: Enabling vTPM or private data encryption via the wizard will enable maintenance mode and run the necessary CLI commands automatically.

See Setup wizard in the latest *FortiPAM Administration Guide*.

4. **Configure Email Alert Settings**:
   After logging in, go to *Log & Report* > *Email Alert Settings* and select *Enable Email Notification*.
   Add receiver email addresses for critical system notifications.
   See Email alert settings in the latest *FortiPAM Administration Guide*.

What's next

After initial setup and licensing, you can proceed to monitor your FortiPAM instance and confirm its version.

Access the *Dashboard* to view system status information. It includes widgets for:

- **License Status**: Displays the status of various licenses, such as FortiCare Support and IPS
- **HA Status**: Shows the status of your High Availability cluster
- **System Information**: Provides general system information, including hostname, serial number, and firmware version
- **CPU** and **Memory**: Real-time usage
- **Log Rate**: Real-time log rate

See Dashboard in the latest *FortiPAM Administration Guide*.

User Monitor: The *User Monitor* tab in *Monitoring* displays all logged-in users, their roles, IP addresses, login duration, and traffic volume.

See User Monitor in the latest *FortiPAM Administration Guide*.

Active Sessions: The *Active Sessions* tab in *Monitoring* provides oversight of launched secrets, showing information such as source/destination IP, application, and username.

See Active sessions in the latest FortiPAM Administration Guide.

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