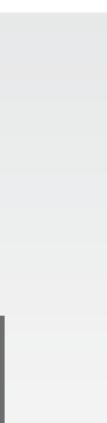


Cloud Deployment Guide

FortiManager 7.4.x



FORTINET DOCUMENT LIBRARY

<https://docs.fortinet.com>

FORTINET VIDEO LIBRARY

<https://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTINET TRAINING & CERTIFICATION PROGRAM

<https://www.fortinet.com/training-certification>

FORTINET TRAINING INSTITUTE

<https://training.fortinet.com>

FORTIGUARD LABS

<https://www.fortiguard.com>

END USER LICENSE AGREEMENT

<https://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdoc@fortinet.com



January 2, 2026

FortiManager 7.4.x Cloud Deployment Guide

02-74-843404-20260102

TABLE OF CONTENTS

Change Log	4
Introduction	5
Requirements	5
Licensing	7
Deploying FortiManager Cloud	8
Checking requirements and licenses	8
Deploying a FortiManager Cloud instance	9
Configuring FortiOS	11
Using FortiManager Cloud	14
Accessing your FortiManager Cloud instance	14
Access FortiManager Cloud through FortiCloud	14
Upgrading firmware from the instance	15
Identifying the public IP address	15
Using the FortiManager Cloud toolbar	16
Service	16
Support	16
Notifications	17
Account	17
Privacy and notification preferences	18
Access Settings	18
Email Notifications	19
Updating the ADOM version	20
Enabling the FortiManager Cloud connector on FortiGate	21
Using FortiZTP with FortiManager Cloud	22
Using the FortiManager Cloud & Service portal	25
Viewing the FortiManager Cloud portal	25
Providing feedback	27
Using account services	29
Adding a secondary account	29
Modifying a secondary account	31
Supporting IAM users and IAM API users	31
Adding IAM users	31
Adding API users	34
Supporting external IdP users	35
Using multiple roles with external IdP users	35

Change Log

Date	Change Description
2023-09-19	Initial release.
2023-10-17	Updated Using FortiZTP with FortiManager Cloud on page 22 .
2023-01-30	Initial release of FortiManager Cloud 7.4.2.
2024-02-28	Updated Introduction on page 5 and Accessing your FortiManager Cloud instance on page 14 .
2024-06-06	Initial release of FortiManager Cloud 7.4.3.
2024-06-28	Added Privacy and notification preferences on page 18
2024-07-02	Added Using multiple roles with external IdP users on page 35 .
2024-09-27	Initial release of FortiManager Cloud 7.4.4.
2024-10-18	Initial release of FortiManager Cloud 7.4.5.
2025-01-24	Initial release of FortiManager Cloud 7.4.6.
2025-04-15	Updated Introduction on page 5 .
2025-06-16	Initial release of FortiManager Cloud 7.4.7.
2025-08-05	Updated Supporting external IdP users on page 35 .
2025-10-09	Updated Licensing on page 7 .
2025-10-14	Initial release of FortiManager Cloud 7.4.8.
2026-01-02	Updated Adding API users on page 34 .

Introduction

FortiManager Cloud is a cloud-based management platform based on FortiManager.

Once a FortiManager Cloud entitlement has been added to your FortiCloud account, a FortiManager Cloud instance can be started. See [Accessing your FortiManager Cloud instance on page 14](#) and [Deploying FortiManager Cloud on page 8](#).

When a FortiGate device is registered to the same FortiCloud account, the FortiGate will automatically detect that your account includes a valid FortiManager Cloud entitlement, and the FortiGate GUI will allow you to select FortiManager Cloud for Central Management.

Central Management using FortiManager Cloud can also be configured from the FortiGate CLI using the following commands:

```
config system central-management
  set type fortimanager
  set fmg fortimanager.forticloud.com
end
```

Once Central Management has been configured, a FGFM tunnel is established between your FortiGate device and your FortiManager Cloud instance. After the FGFM tunnel is established, you can execute usual FortiManager functions from the FortiManager Cloud instance.



SSL inspection for *.forticloud.com must be disabled on any upstream FortiGates in order to reach FortiManager Cloud.

This section includes the following topics:

- [Requirements on page 5](#)
- [Licensing on page 7](#)

Requirements

The following items are required before you can initialize FortiManager Cloud:

- Internet access
- Browser
- FortiCare/FortiCloud account with Fortinet Technical Support (<https://support.fortinet.com/>)
Create a FortiCloud account if you do not have one.

A primary FortiCloud account is required to deploy FortiManager Cloud. A primary FortiCloud account can invite other users to launch FortiManager Cloud as sub users. See [Adding a secondary account on page 29](#).



Only one FortiManager Cloud instance can be created per FortiCloud account.

See [Licensing on page 7](#) for further license details.

Licensing

License requirements are enforced when you log in to the FortiManager Cloud & Service portal.

FortiManager Cloud requires one of the following Cloud-based Central Management and Orchestration Licenses:

License type	License SKU
Subscription for 3 devices/VDOMs managed by FortiManager Cloud.	FC0-10-MVCLD-227-01-DD
Subscription for 10 devices/VDOMs managed by FortiManager Cloud.	FC1-10-MVCLD-227-01-DD
Subscription for 100 devices/VDOMs managed by FortiManager Cloud.	FC2-10-MVCLD-227-01-DD
Subscription for 1000 devices/VDOMs managed by FortiManager Cloud.	FC3-10-MVCLD-227-01-DD

When adding a FortiGate Security Fabric (CSF) to FortiManager Cloud, your subscription license must include enough device support for each FortiGate in the Fabric. This also applies to FortiGate devices operating in an HA cluster.

Deploying FortiManager Cloud

The section describes how to deploy FortiManager Cloud. Following is an overview of the process.

To deploy FortiManager Cloud:

1. Check requirements and licenses on FortiCloud. See [Checking requirements and licenses on page 8](#).
2. On FortiCloud, deploy a FortiManager Cloud instance. See [Deploying a FortiManager Cloud instance on page 9](#).
3. (Optional) Upgrade FortiManager Cloud to the latest available cloud version. See [Upgrading firmware from the instance on page 15](#).
4. On FortiOS, enable management by FortiManager Cloud. See [Configuring FortiOS on page 11](#).



At the time of the 7.4 release, FortiManager Cloud supports new deployments in version 7.0 and upgrades to version 7.2 and 7.4. Check the latest [FortiManager Cloud Deployment Guide](#) to see the current FortiManager Cloud versions available for deployment.

Checking requirements and licenses

This section explains how to check whether you have the requirements and licenses needed for FortiManager Cloud.

To check for requirements and license for FortiManager Cloud:

1. Go to FortiCloud (<https://support.fortinet.com/>), and use your FortiCloud account credentials to log in. The FortiCloud portal is displayed.
2. Ensure that the FortiManager Cloud entitlement is registered to your FortiCloud account.
 - a. In the *Asset Management* portal, go to *Account Services*.
 - b. Verify that FortiManager Cloud is listed.
 - c. Optionally, click on the FortiManager Cloud serial number to view additional information.



Some legacy licenses can instead be viewed by going to the Product List, expanding the *FortiGate* category and clicking on a device to view its details, and then confirming that the device *Entitlement* includes FortiManager Cloud.

3. Deploy the FortiManager Cloud instance. See [Deploying a FortiManager Cloud instance on page 9](#).

Deploying a FortiManager Cloud instance

This section explains how to deploy FortiManager Cloud. You can select a region, and then deploy the instance of FortiManager Cloud to the region.

A primary FortiCloud account is required to deploy FortiManager Cloud. A primary FortiCloud account can invite other users to launch FortiManager Cloud as sub users. See [Adding a secondary account on page 29](#).

Only one FortiManager Cloud instance can be created per FortiCloud account.



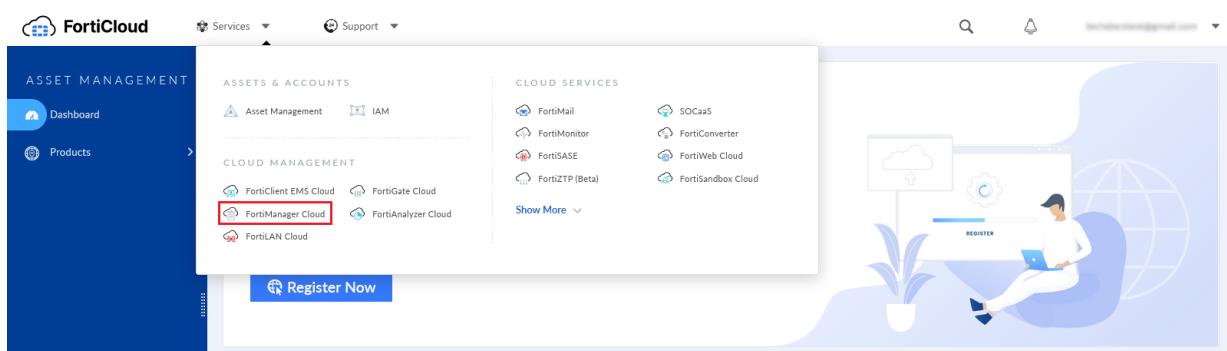
At the time of the 7.4 release, FortiManager Cloud supports new deployments in version 7.0 and upgrades to version 7.2 and 7.4. Check the latest [FortiManager Cloud Deployment Guide](#) to see the current FortiManager Cloud versions available for deployment.



For support of FortiGates devices on earlier firmware versions, you can change the FortiManager Cloud ADOM version to match the firmware version of the FortiGates. Check the [FortiManager/FortiOS Compatibility Guide](#) to see which FortiOS versions are supported by each FortiManager release. For more information on changing the ADOM version, see [Updating the ADOM version on page 20](#).

To deploy a FortiManager Cloud instance:

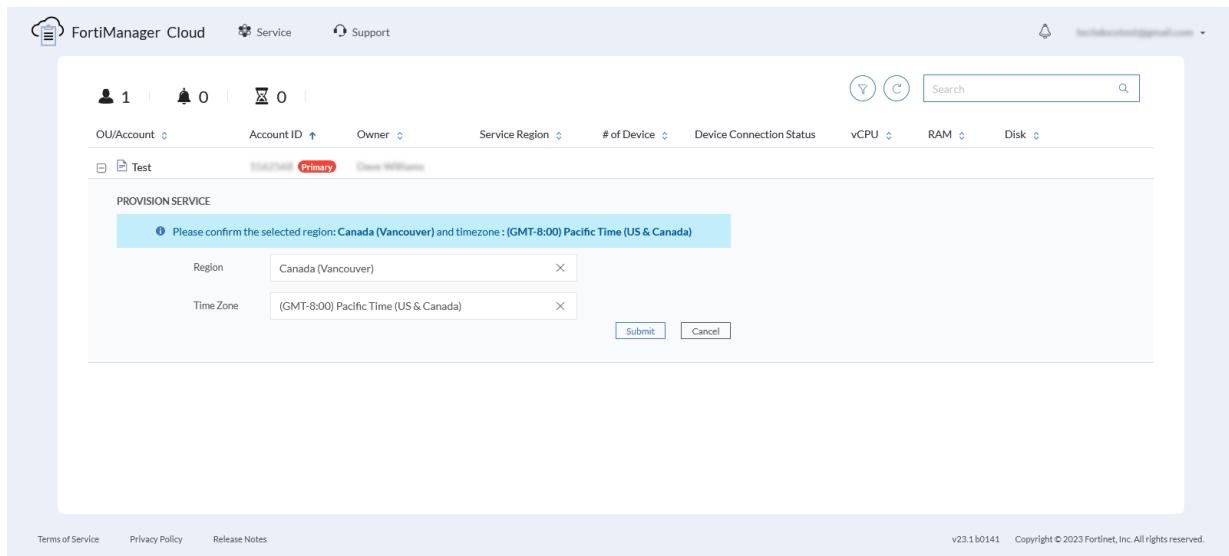
1. If not done already, go to FortiCloud (<https://support.fortinet.com/>), and use your FortiCloud account credentials to log in. The FortiCloud portal is displayed.
2. From the Services menu, select *FortiManager Cloud*.



The *FortiManager Cloud & Service* portal is displayed.

3. On the *FortiManager Cloud & Service* portal:
 - a. Select a *Region* for the FortiManager Cloud instance. In this example, the region is *Canada (Vancouver)*.
 - b. Select a *Time Zone* for the FortiManager Cloud instance.
4. Click *Submit*.

Deploying FortiManager Cloud

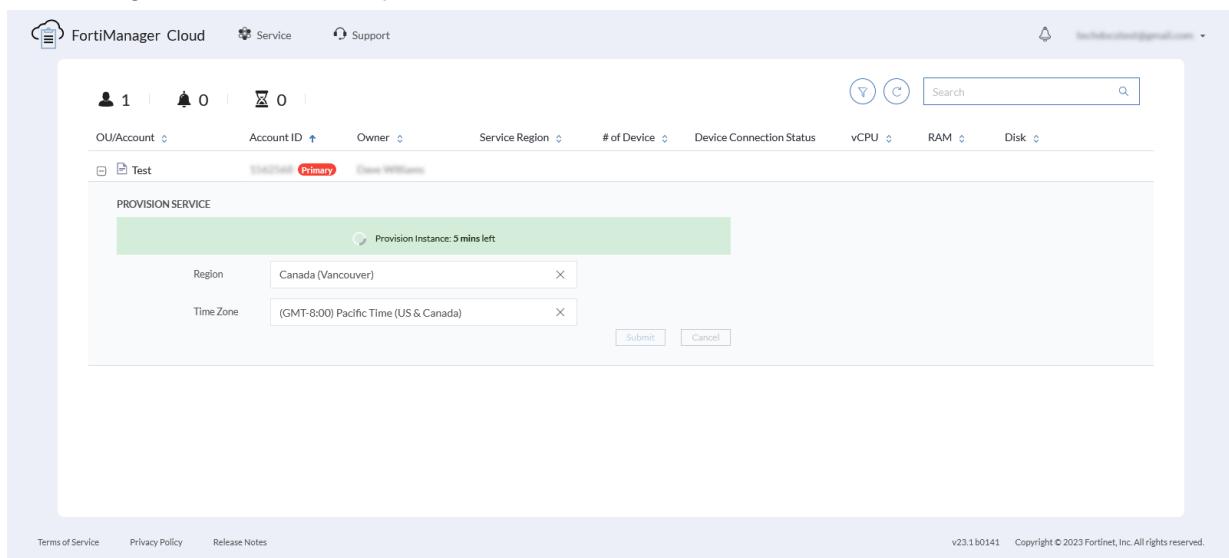


5. Confirm your selected region and time zone.

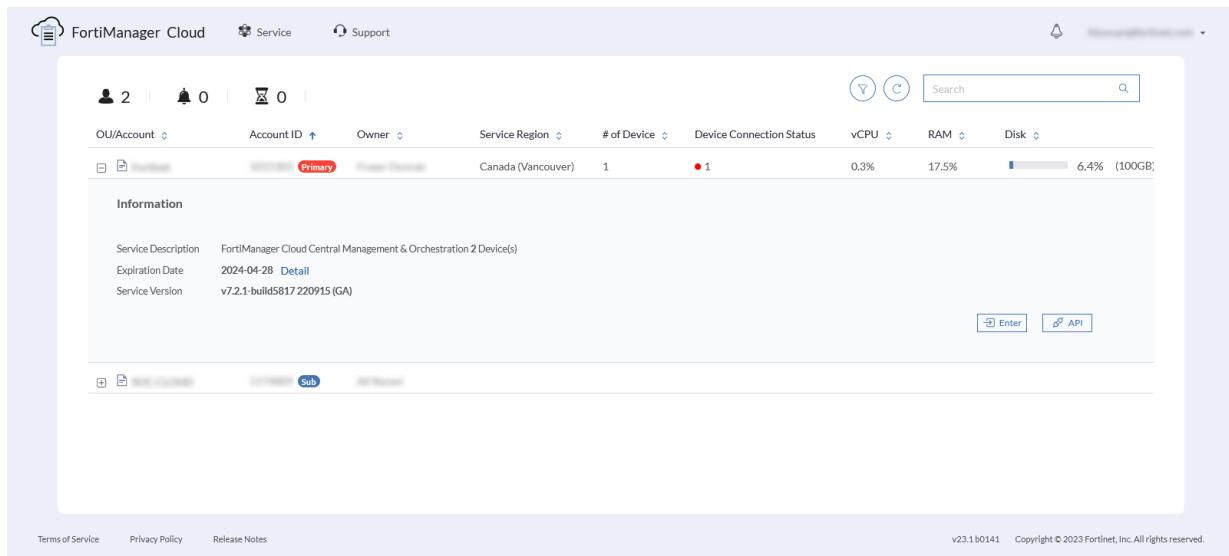


6. Click *Submit*.

7. Review and accept the *Terms of Service* and *Privacy Policy*. Privacy settings can be configured in the instance. See [Privacy and notification preferences on page 18](#).
8. FortiManager Cloud instance is provisioned in a few minutes.



9. Once provisioned, expand the account, and click *Enter* to access the FortiManager Cloud instance.



The screenshot shows the FortiManager Cloud interface. At the top, there are navigation links for 'FortiManager Cloud', 'Service', and 'Support'. The main dashboard displays the following information:

- OU/Account: 2
- Account ID: Primary
- Owner: [redacted]
- Service Region: Canada (Vancouver)
- # of Device: 1
- Device Connection Status: 1 (red)
- vCPU: 0.3%
- RAM: 17.5%
- Disk: 6.4% (100GB)

Below this, there is a section titled 'Information' with the following details:

- Service Description: FortiManager Cloud Central Management & Orchestration 2 Device(s)
- Expiration Date: 2024-04-28 [Detail](#)
- Service Version: v7.2.1-build5817220915 (GA)

At the bottom of the interface, there are buttons for 'Enter' and 'API', and links for 'Terms of Service', 'Privacy Policy', and 'Release Notes'. The footer of the page includes the text 'v23.1b0141 Copyright © 2023 Fortinet, Inc. All rights reserved.'

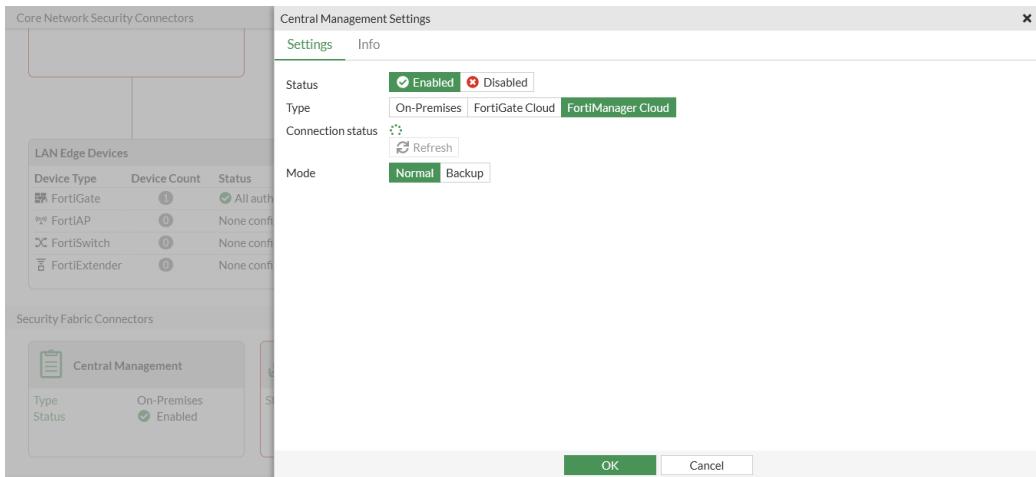
10. (Optional) Upgrade FortiManager Cloud to 7.4.x. See [Upgrading firmware from the instance on page 15](#).
11. Configure FortiOS to work with FortiManager Cloud. See [Configuring FortiOS on page 11](#).

Configuring FortiOS

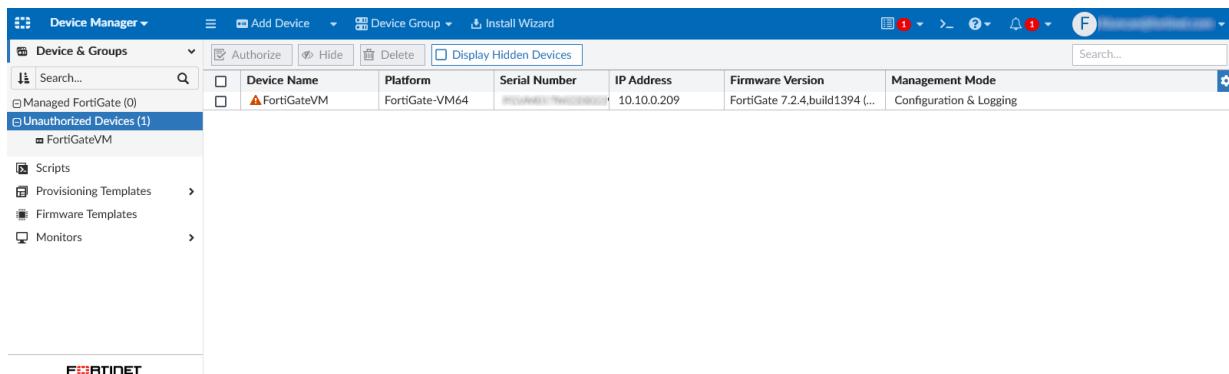
This section explains how to enable management of FortiGate by FortiManager Cloud.

To configure FortiOS:

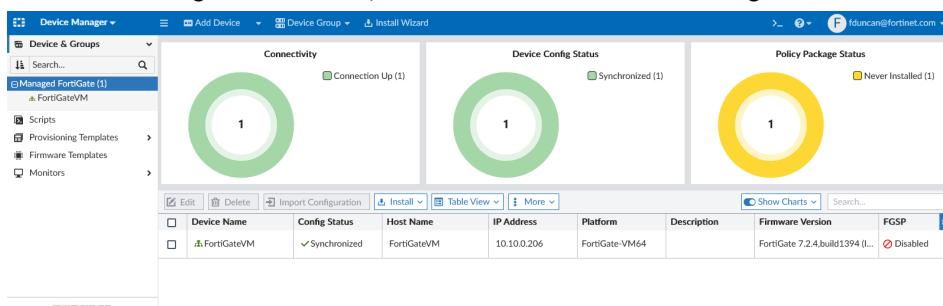
1. In FortiOS, enable FortiManager Cloud.
 - a. Go to *Security Fabric > Fabric Connectors*, and edit the *Central Management* card.
 - b. Select the *Settings* tab, and set the *Status* to *Enabled*.
 - c. Click *FortiManager Cloud*, and click *OK*.



2. In the FortiManager Cloud instance, go to *Device Manager* and authorize the FortiGate.

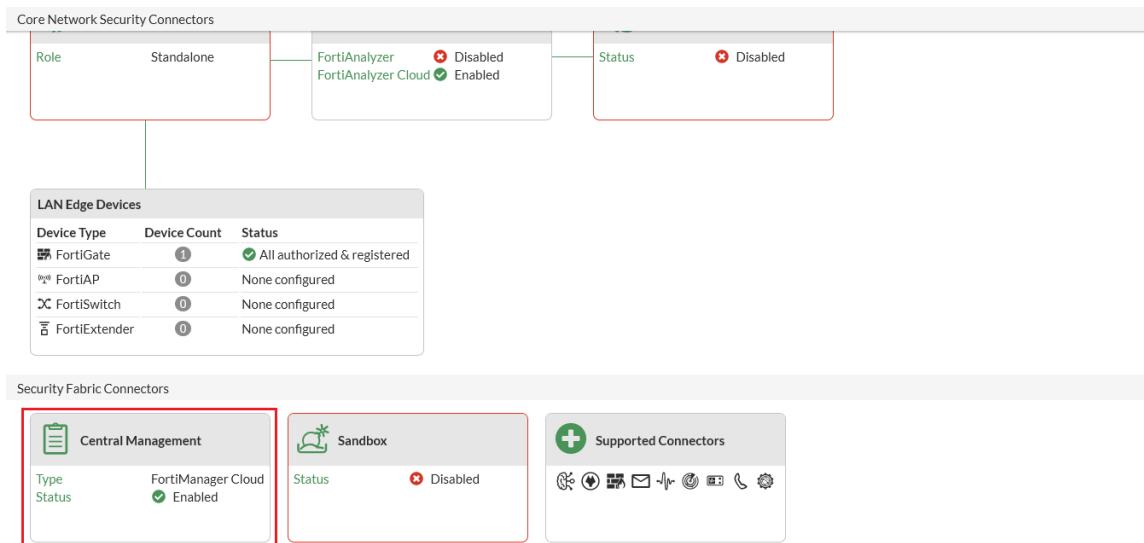


After authorizing the FortiGate, the FortiGate becomes a managed device.



When successfully authorized, the central management status displays as *Enabled* on FortiManager.

Deploying FortiManager Cloud



Using FortiManager Cloud

After you have deployed FortiManager Cloud and configured FortiOS, you are ready to use the instance. Using FortiManager Cloud is similar to using FortiManager.

For information about using FortiManager and FortiManager Cloud, see the [FortiManager 7.2.1 Administration Guide](#).

This section includes the following topics that are specific to using FortiManager Cloud:

- [Accessing your FortiManager Cloud instance on page 14](#)
- [Upgrading firmware from the instance on page 15](#)
- [Identifying the public IP address on page 15](#)
- [Using the FortiManager Cloud toolbar on page 16](#)
- [Updating the ADOM version on page 20](#)
- [Enabling the FortiManager Cloud connector on FortiGate on page 21](#)
- [Using FortiZTP with FortiManager Cloud on page 22](#)

Accessing your FortiManager Cloud instance

After deploying one or more FortiManager Cloud instances, you can access the instances through one of the methods below:

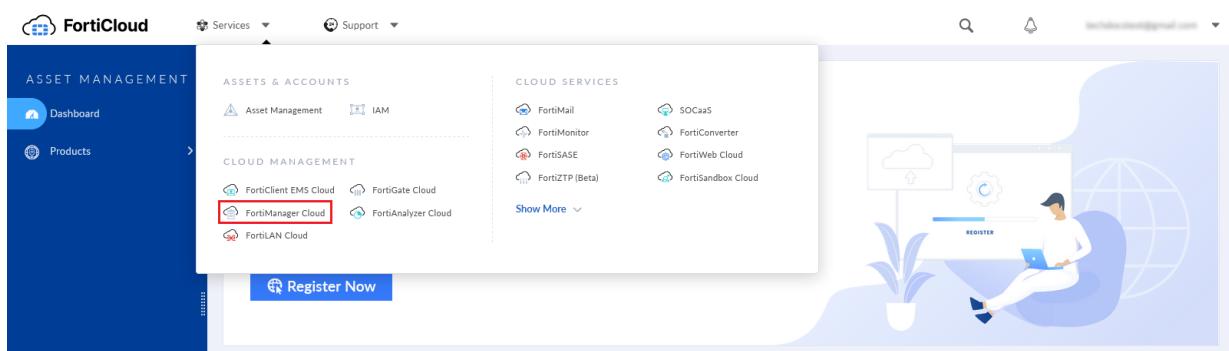
1. Go to <https://fortimanager.forticloud.com>. After authentication, you are redirected to your own FortiManager Cloud instance.
2. Go directly to your instance using the specific URL for your instance (e.g. https://{{account_id}}.{{region}}.fortimanager.forticloud.com). You can obtain your instance's URL from your browser's address bar once you have accessed FortiManager Cloud through one of the previous methods.
3. Access FortiManager Cloud through FortiCloud. See [Access FortiManager Cloud through FortiCloud on page 14](#).

Access FortiManager Cloud through FortiCloud

To access FortiManager Cloud through FortiCloud:

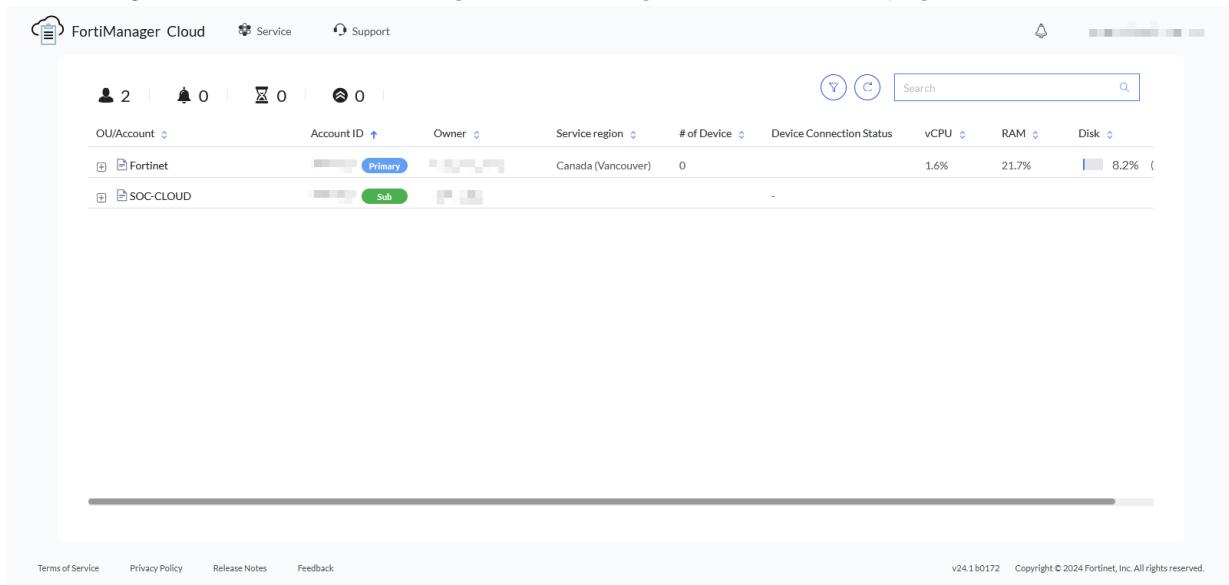
1. Go to FortiCloud (<https://support.fortinet.com/>), and use your FortiCloud account credentials to log in. The FortiCloud portal is displayed.

2. From the *Services* menu, select *FortiManager Cloud* under *Cloud Management*.



You are automatically logged in to your FortiManager instance.

3. You can navigate between accounts or return to the FortiManager Cloud portal using the options in the FortiManager Cloud toolbar. See [Using the FortiManager Cloud toolbar](#) on page 16.



Upgrading firmware from the instance

For information about upgrading firmware, see the [FortiManager Cloud Release Notes](#).

Identifying the public IP address

You can use the FortiManager Cloud CLI to determine the public IP address for FortiManager Cloud.

To determine the public IP address:

1. Access the instance. See [Accessing your FortiManager Cloud instance on page 14](#).
2. Open the CLI console by clicking the CLI option from the FortiManager Cloud toolbar. See [Using the FortiManager Cloud toolbar on page 16](#).
3. In the CLI console, run the following commands:

```
diagnose debug enable  
diagnose test application vmd 20  
173.243.137.11
```

In this example, the public IP address for FortiManager Cloud is 173.243.137.11. You can use the public IP address to set up connections with third-party services, such as LDAP or AWS Management Portal for vCenter.

Using the FortiManager Cloud toolbar

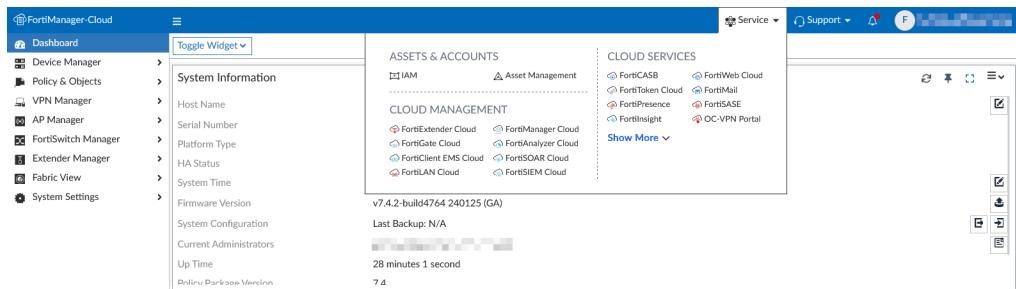
You can access FortiCloud services and support links from the FortiManager Cloud toolbar.

The FortiManager toolbar includes the following dropdown menus:

- [Service on page 16](#)
- [Support on page 16](#)
- [Notifications on page 17](#)
- [Account on page 17](#)

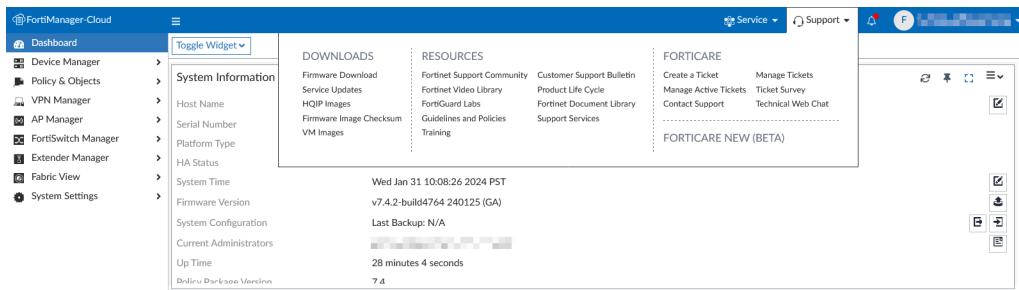
Service

The Service dropdown includes FortiCloud services (for example, IAM and Asset Management) and other cloud portals.



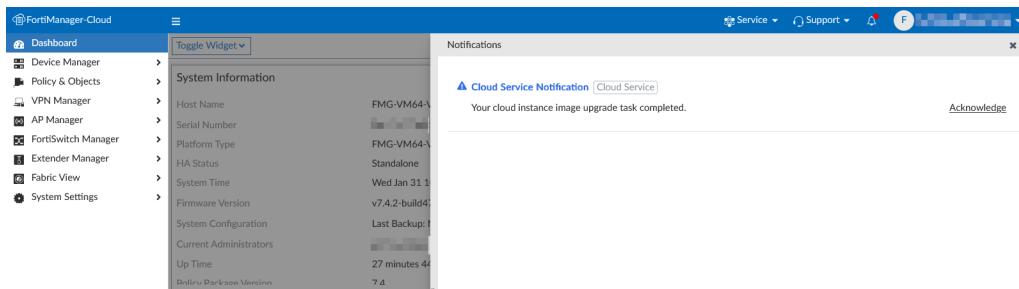
Support

The support dropdown includes downloads, resources, and FortiCare support links.



Notifications

Click the notification icon to open the notification drawer and view and interact with notifications for FortiManager Cloud.

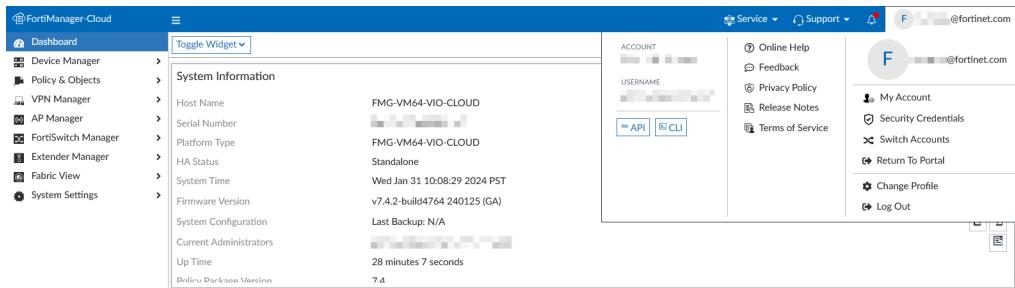


Account

The account dropdown includes links and services related to your FortiCloud account and the FortiManager instance. Available options include the following:

Account	Your account ID.
Username	Your current username.
API and CLI	Open the API User or CLI pane.
Help Content	Links for Online Help, Basic Setup Videos, Feedback, Privacy Policy, Release Notes, and Terms of Service.
FortiCloud Account Links	FortiCloud account links including My Account, Security Credentials, Subscriptions, Return to Portal, ChangeProfile, and Log Out.
My Account	Go to the FortiCloud Account Profile page.
Security Credentials	Go to the FortiCloud Security Credentials page.
Switch Accounts	Switch between available accounts.
Return to Portal	Return to the FortiManager Cloud portal.

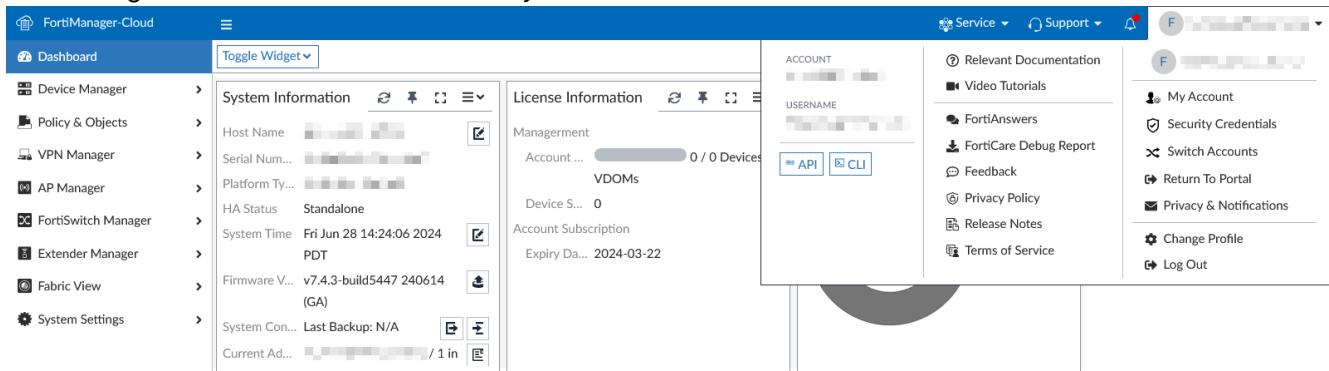
Change Profile	Change FortiManager Cloud profile options including avatar and theme.
Privacy & Notifications	Click to access the <i>Privacy & Notification</i> menu where you can configure access settings for the FortiCloud team as well as email notification preferences. See Privacy and notification preferences on page 18 .
Log Out	Log out of FortiManager Cloud.



Privacy and notification preferences

You can configure privacy and notification preferences from within the FortiManager Cloud instance.

To access your privacy and notification preferences, click your user account dropdown from the FortiManager Cloud toolbar and click *Privacy & Notification*.

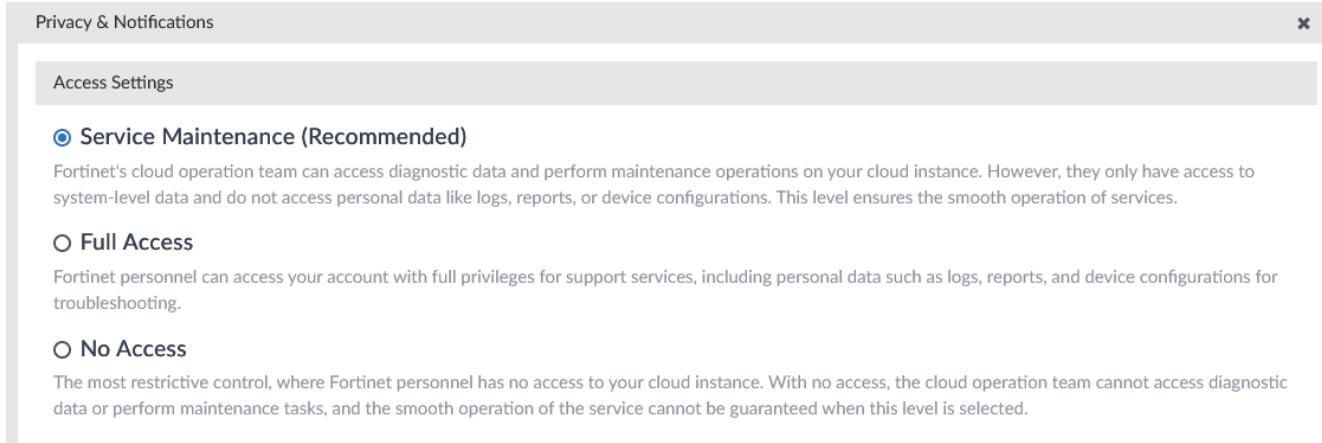


In *Privacy & Notifications*, you can configure the following:

- [Access Settings on page 18](#)
- [Email Notifications on page 19](#)

Access Settings

Access settings determine what level of access Fortinet's cloud operation team has in order to diagnose and perform maintenance on your cloud instance. The following access levels are available:



Privacy & Notifications

Access Settings

Service Maintenance (Recommended)

Fortinet's cloud operation team can access diagnostic data and perform maintenance operations on your cloud instance. However, they only have access to system-level data and do not access personal data like logs, reports, or device configurations. This level ensures the smooth operation of services.

Full Access

Fortinet personnel can access your account with full privileges for support services, including personal data such as logs, reports, and device configurations for troubleshooting.

No Access

The most restrictive control, where Fortinet personnel has no access to your cloud instance. With no access, the cloud operation team cannot access diagnostic data or perform maintenance tasks, and the smooth operation of the service cannot be guaranteed when this level is selected.

Service Maintenance (Recommended)	Fortinet's cloud operation team can access diagnostic data and perform maintenance operations on your cloud instance. However, they only have access to system-level data and do not access personal data like logs, reports, or device configurations. This level ensures the smooth operation of services. This is the default level of access.
Full Access	Fortinet personnel can access your account with full privileges for support services, including personal data such as logs, reports, and device configurations for troubleshooting.
No Access	The most restrictive control, where Fortinet personnel has no access to your cloud instance. With no access, the cloud operation team cannot access diagnostic data or perform maintenance tasks, and the smooth operation of the service cannot be guaranteed when this level is selected.

Select your preferred access level and click **OK**.

FortiManager Cloud records changes to access settings in the *Event Log*.

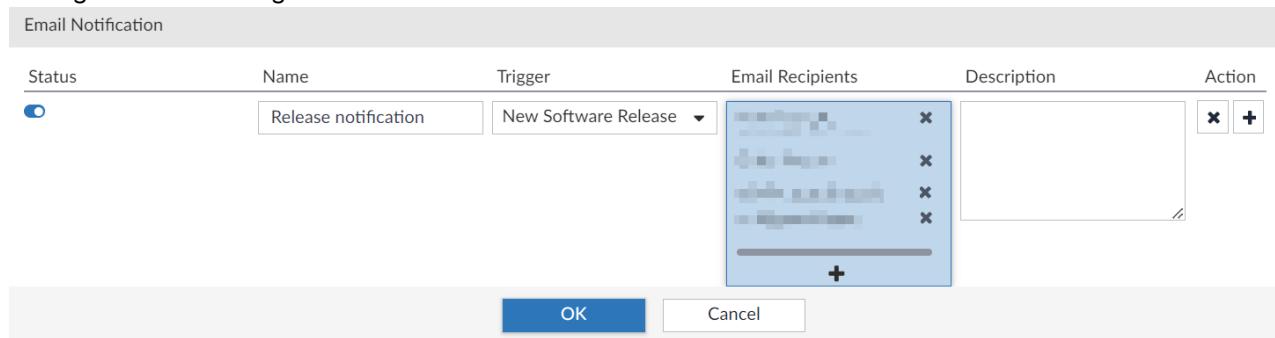
Email Notifications

Email notification preferences can be configured through your FortiManager instance.

To configure email notification preference:

1. Select your account dropdown from the FortiManager Cloud toolbar.
2. Select *Privacy & Notifications*.
3. Click the add icon in the *Email Notification* section to configure new email notification preferences.

4. Configure the following:



Status	Toggle the notification preference on or off. Notifications are only sent when the status of the notification preference is enabled.
Name	Enter a name for the notification preference.
Trigger	Select a trigger condition from the dropdown menu.
Email Recipients	Click to add at least one email recipient. You can select IAM/Sub users from the populated list or click the <i>Email Address</i> tab to add additional emails.
Description	Add an optional description.
Action	You can use the action field to delete a notification preference or create additional notifications preferences.

5. Click *OK*.

FortiManager Cloud records changes to email notification preferences in the *Event Log*.

Updating the ADOM version

FortiManager Cloud supports one ADOM and version. With FortiManager Cloud 7.4.x, the ADOM can be any of the following versions: 7.0, 7.2 or 7.4.

You can view the ADOM version on the *System Settings > Dashboard* pane in the *System Information* widget.

Before you can upgrade an ADOM to a higher version, you must upgrade firmware for all managed FortiGates to a version that is supported on the new ADOM.

You can only upgrade one ADOM version at a time. For example, if you are using a 7.0 ADOM and want to upgrade to a 7.4 ADOM, you must upgrade from 7.0 to 7.2, and then you can upgrade from 7.2 to 7.4.

To upgrade the ADOM version:

1. Access FortiManager Cloud. See [Accessing your FortiManager Cloud instance on page 14](#).
2. In FortiManager Cloud, ensure that all managed FortiGates are running a FortiOS version that is supported by the new ADOM version. For more information on firmware versions supported in each ADOM, see the [FortiManager Administration Guide](#).

3. Go to *System Settings > Dashboard*. The *Dashboard* is displayed.

System Information	
Host Name	FMG-VM64-VIO-CLOUD
Serial Number	[REDACTED]
Platform Type	FMG-VM64-VIO-CLOUD
HA Status	Standalone
System Time	Mon Mar 06 09:38:50 2023 PST
Firmware Version	v7.2.1-build5817.220915 (GA)
System Configuration	Last Backup : N/A
Current Administrators	[REDACTED] / 1 in total
Up Time	139 days 18 hours 31 minutes 52 seconds
Policy Package Version	7.0
Administrative Domain	Configure

4. In the *System Information* widget, click *Configure* beside *Administrative Domain* option. The *Edit ADOM* dialog box is displayed.

5. In the *Type* field select a version, such as 7.4.

6. Click *OK*, and the ADOM is upgraded to the selected version.

To downgrade the ADOM version:

1. Access FortiManager Cloud. See [Accessing your FortiManager Cloud instance on page 14](#).
2. Open the FortiManager CLI from the toolbar, and enter the following command:

```
execute reset adom 3 <version> <major release number>
```

For example, to change the ADOM to version 7.0, you can enter the following command:

```
execute reset adom 3 7 0
```
3. Log in to the user portal again following reboot, and the ADOM is downgraded to the selected version. You can see the current ADOM versions at *System Settings > Dashboard*.

Enabling the FortiManager Cloud connector on FortiGate

When you enable the FortiManager Cloud connector on FortiGate, you can enable management of the FortiGate by FortiManager Cloud.

This topic describes how to enable the FortiManager Cloud connector by using FortiGate. It also provides an example of how to use the FortiManager Cloud connector on FortiGate to support FortiGate-VM PAYG/ONDEMAND when both devices are registered to the same FortiCloud account.



The FortiGate-VM PAYG/ONDEMAND model is only supported with a FortiManager Cloud account subscription. FortiGate licenses for ondemand models are not available for purchase.

To enable the FortiManager Cloud connector in FortiGate:

1. Register FortiManager Cloud with [FortiCloud](#).
2. Verify the per-device FortiManager entitlement was added to the account.
 - a. In *Asset Management*, go to *Products List*, and find the FortiManager Cloud device.
 - b. In the *Entitlement* widget, click *Show Contracts*.
 - c. In the *Registered Support Contract(S)* pane, the *SKU* column will contain FC<#>-10-MVCLD-227-01-12.
3. Register the FortiGate device with the same [FortiCloud](#) account.
4. In the FortiGate device, use the CLI console to verify the User ID was updated by FortiGuard.


```
diag test update info
...
Support contract: pending_registration=255 got-contract info=1
  account_id=[user_email] company=[company_name] industry=[industry_name]
User ID: <user_id>
```
5. In the FortiGate device GUI, go to *Security Fabric > Fabric Connectors*. The FortiManager option is enabled.

Core Network Security Connectors

Role	Standalone	FortiAnalyzer	Status
		FortiAnalyzer Cloud Enabled	✖ Disabled
			✖ Disabled

LAN Edge Devices

Device Type	Device Count	Status
FortiGate	1	✓ All authorized & registered
FortiAP	0	None configured
FortiSwitch	0	None configured
FortiExtender	0	None configured

Security Fabric Connectors

Central Management	Sandbox	Supported Connectors
Type: FortiManager Cloud Enabled	Status: ✖ Disabled	+



Please allow 2-4 hours for FortiGate to enable the FortiManager Cloud option in the connector.

Using FortiZTP with FortiManager Cloud

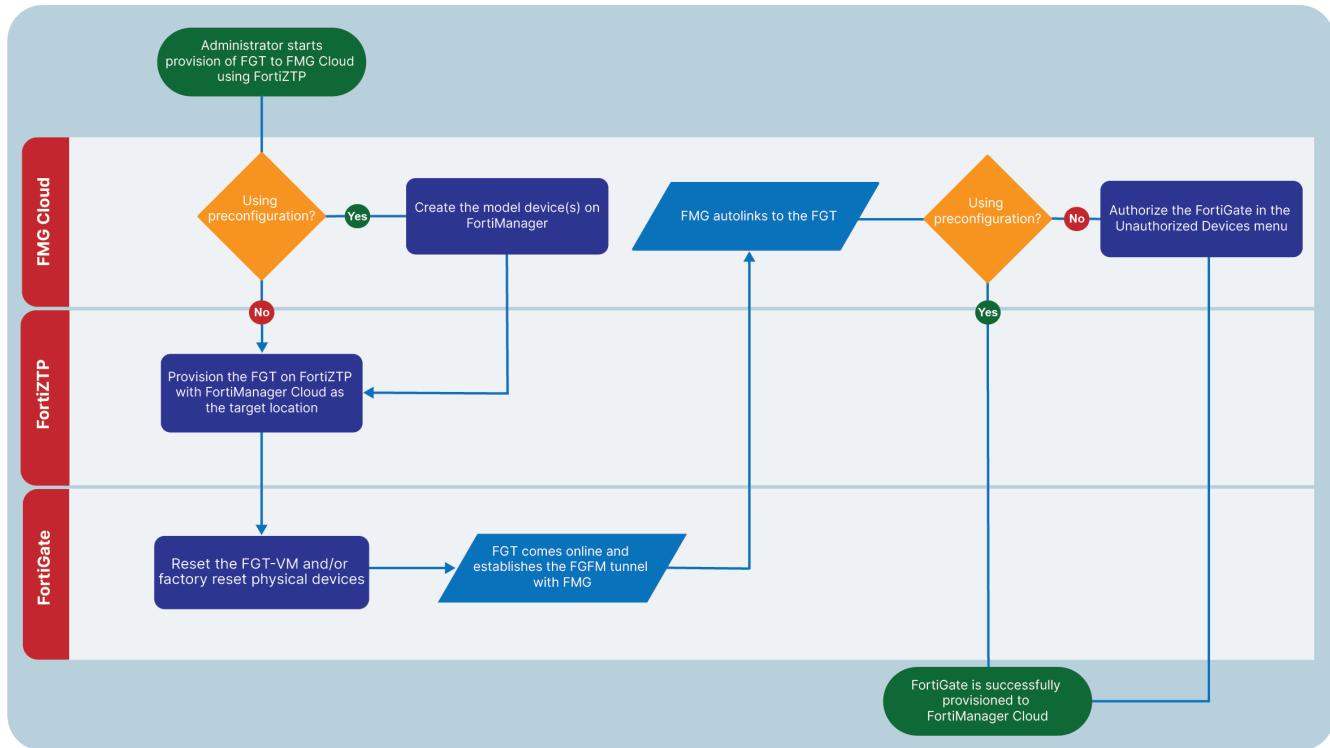
FortiZTP is a centralized zero-touch provisioning platform for FortiCloud cloud product services. The service supports individual or bulk device provisioning to the target on-premise or cloud services, including FortiManager Cloud.

You can provision devices from FortiZTP with or without preconfiguration on FortiManager Cloud.

- With preconfiguration, you must create a model device in FortiManager Cloud before provisioning using FortiZTP. The provisioned FortiGate will auto-link to the model device.
- Without preconfiguration, you must manually authorize the FortiGate device from the unregistered list on FortiManager Cloud after provisioning from FortiZTP.

Below is an example diagram of the workflow for using FortiZTP with FortiManager Cloud:

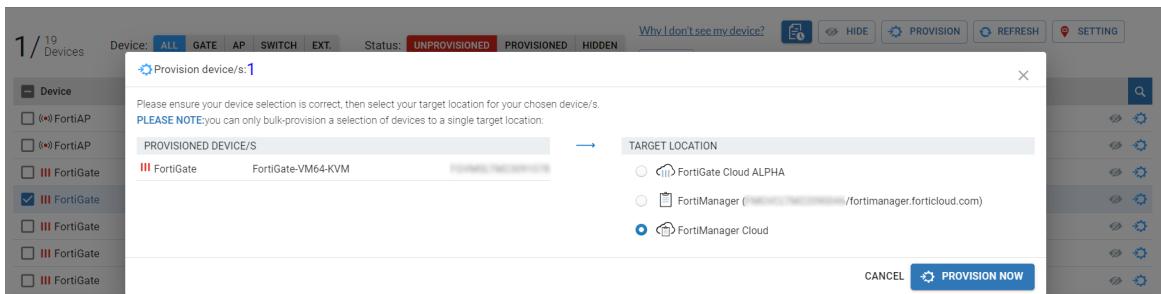
Workflow diagram for using FortiZTP with FortiManager Cloud



To provision a FortiGate to FortiManager Cloud:

- (Optional) Create the model device on FortiManager Cloud when using the preconfiguration method.
- Provision the FortiGate using FortiZTP.
 - Go to the [FortiZTP portal](#).
 - On the *UNPROVISIONED* tab, do the following:
 - To provision a single FortiGate, click the *Provision* icon.
 - To provision multiple FortiGates, select the checkboxes for the desired FortiGates, then click the *PROVISION* button.
 - Under *TARGET LOCATION* in the *Provision devices* dialog, select *FortiManager Cloud*.

d. Click PROVISION NOW.



3. Reboot the FortiGate. For physical FortiGate devices, you must perform a factory reset.
4. Complete the onboarding of the managed device:
When provisioning with preconfiguration:
 - a. After the FortiGate comes online, the FGFM tunnel is established.
 - b. The auto-link process is performed automatically, and the FortiGate is added as a managed device.
When provisioning without preconfiguration:
 - a. After the FortiGate comes online, FortiZTP will set the FortiManager Cloud serial number on the FortiGate to establish the FGFM tunnel. The FortiGate is added to the *Unauthorized Devices* menu on FortiManager Cloud.
 - b. Authorize the FortiGate to add it as a managed device.



For more information about the use of FortiZTP, see the [FortiZTP Administration Guide](#).



Deprovisioning a device from the FortiZTP portal will not delete the device from FortiManager Cloud. The device must be manually deleted.

Using the FortiManager Cloud & Service portal

After deploying a FortiManager Cloud instance, you can use the FortiManager Cloud & Service portal to view and navigate between instances.

- [Viewing the FortiManager Cloud portal on page 25](#)
- [Providing feedback on page 27](#)

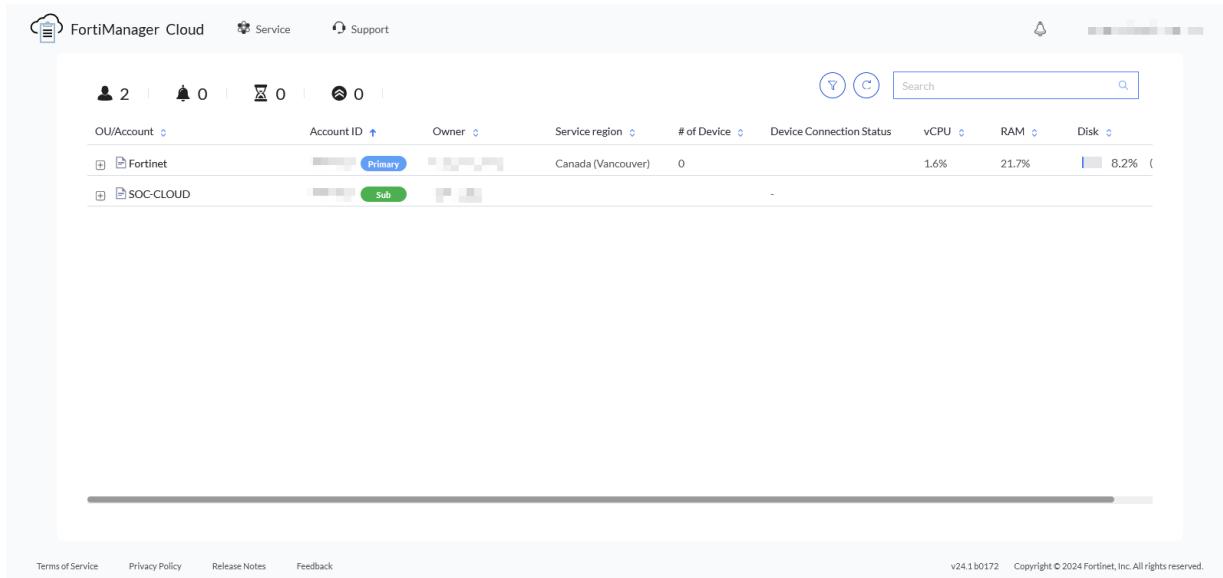
Viewing the FortiManager Cloud portal

After accessing your FortiManager Cloud instance, you can navigate to the FortiManager Cloud portal by opening the toolbar and choosing *Return to Portal*. See [Using the FortiManager Cloud toolbar on page 16](#).

In the FortiManager Cloud portal, you can expand each account and view information about the account and any deployed instances.

To view information about instances:

1. Access the portal. See [Accessing your FortiManager Cloud instance on page 14](#).
The FortiManager Cloud & Service portal is displayed.



The screenshot shows the FortiManager Cloud & Service portal interface. At the top, there are three tabs: 'FortiManager Cloud' (selected), 'Service', and 'Support'. Below the tabs, there are three status indicators: 'OU/Account' (2), 'Account ID' (0), and 'Owner' (0). On the right, there are three icons: 'Search' (magnifying glass), 'Y' (yellow), and 'C' (blue). A 'Search' input field is also present. The main content area displays account details for 'Fortinet' and 'SOC-CLOUD'. For 'Fortinet', the details are: Account ID (Primary), Owner (redacted), Service region (Canada (Vancouver)), # of Device (0), Device Connection Status (green), vCPU (1.6%), RAM (21.7%), and Disk (8.2%). For 'SOC-CLOUD', the details are: Account ID (Sub), Owner (redacted), Service region (redacted), # of Device (redacted), Device Connection Status (redacted), vCPU (redacted), RAM (redacted), and Disk (redacted). At the bottom, there are links for 'Terms of Service', 'Privacy Policy', 'Release Notes', and 'Feedback'. On the right, there is a copyright notice: 'v24.1b0172 Copyright © 2024 Fortinet, Inc. All rights reserved.'

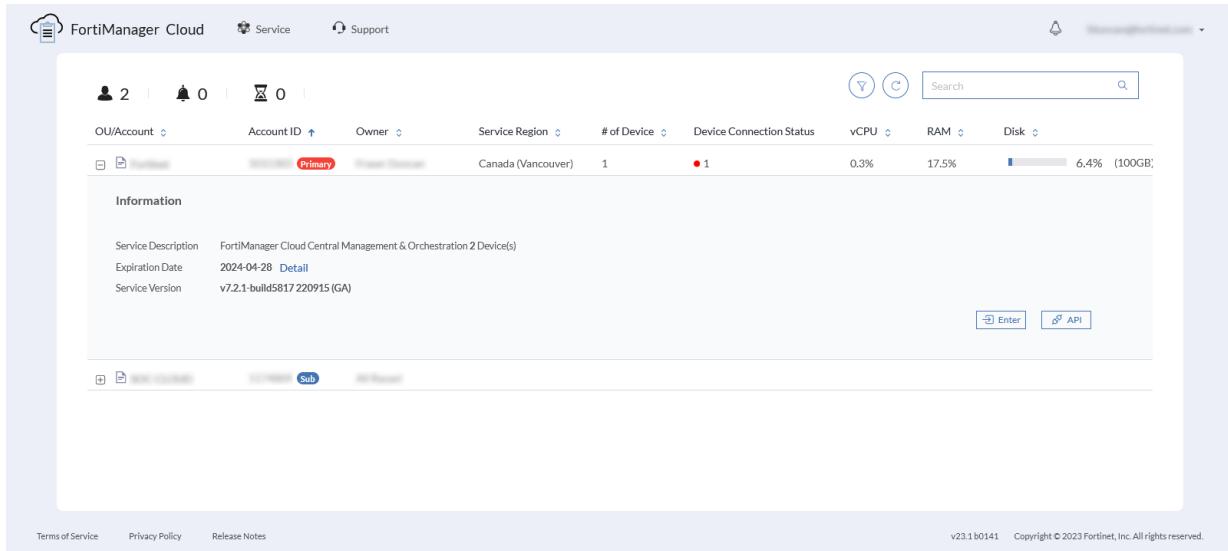
2. Expand an account with no instances deployed.

The account details are displayed. If it is a primary account, you can provision a new instance. See [Deploying a FortiManager Cloud instance on page 9](#).

3. Expand an account with deployed instances.

Information about the VM resources and the instance is displayed.

When a firmware upgrade is available, you can click the upgrade icon  to view additional information about the upgrade, choose upgrade immediately, or schedule an upgrade for later. You can also click *Enter* to access the instance.



The screenshot shows the FortiManager Cloud & Service portal interface. At the top, there are navigation links for 'FortiManager Cloud', 'Service', and 'Support'. Below the navigation is a banner with account statistics: 2 accounts, 0 alarms, and 0 expiring licenses. The main content area displays account details for 'Primary' (Account ID: 1234567890, Owner: Fortinet, Service Region: Canada (Vancouver), # of Device: 1, Device Connection Status: 1, vCPU: 0.3%, RAM: 17.5%, Disk: 6.4% (100GB)). Below this, there is an 'Information' section with service description, expiration date (2024-04-28), and service version (v7.2.1-build5817220915 (GA)). At the bottom of the page are links for 'Terms of Service', 'Privacy Policy', 'Release Notes', and copyright information (v23.1b0141 Copyright © 2023 Fortinet, Inc. All rights reserved).

The following options are displayed:

Dashboard	The top-left includes a dashboard summary of the accounts displayed on the pane: <ul style="list-style-type: none"> Accounts: Displays the number of accounts you can access. Alarms: Displays the number of notifications or alarms that need your attention. Notifications and alarms display in the banner. For alarms, you can also scroll down through the accounts to find an alarm icon on affected accounts. Expiring: Displays the number of licenses that will expire soon.
Filter	Click to view options to filter by license status and quota/storage alarm.
Refresh	Click to manually retrieve the latest license information from FortiCare and refresh the pane. Information from FortiCare is also automatically retrieved on a regular interval.
Account Search	Use to search for accounts. In the <i>Search</i> box, type search criteria, and press <i>Enter</i> . Delete the search criteria, and press <i>Enter</i> to display all accounts again.
Accounts summary in table view	Each account displays as a row with the following columns: <ul style="list-style-type: none"> OU/Account: The OU/Account this instance is configured for. Account ID: The account ID. Owner: The name of the owner. Service Region: The region where the instance is deployed. # of Device: The number of devices connected to the instance. Device Connection Status: The status of connected devices. vCPU RAM Disk

Expand the pane to view additional information:

- *Service Description*: A short description of the FortiManager Cloud service.
- *Expiration Date*: The license expiration date.
- *Service Version*: The FortiManager Cloud version.
- *Enter*: Enter the FortiManager Cloud instance.
- *API*: Open the *User API Helper* pane with information about API usage for FortiManager Cloud.

See also [Viewing the FortiManager Cloud portal on page 25](#).

Providing feedback

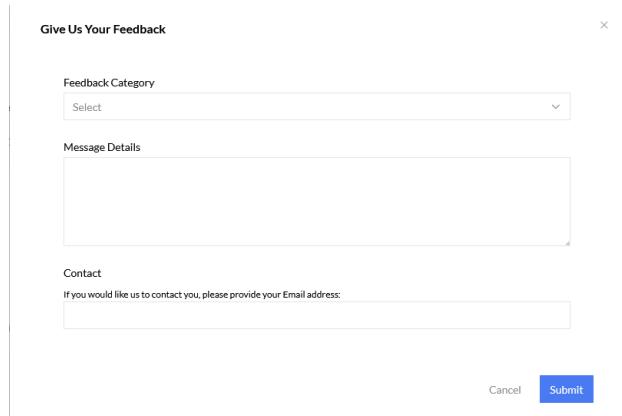
Feedback form

In FortiManager Cloud, you can submit feedback about your cloud experience to Fortinet.

The *Feedback* button is available in the following places:

- The footer on the *FortiManager Cloud & Service* portal.
- The FortiManager Cloud portal account dropdown inside the FortiManager Cloud instance. See [Using the FortiManager Cloud toolbar on page 16](#).

After clicking the feedback button, you will be presented with a feedback dialog where you can provide comments and suggestions.

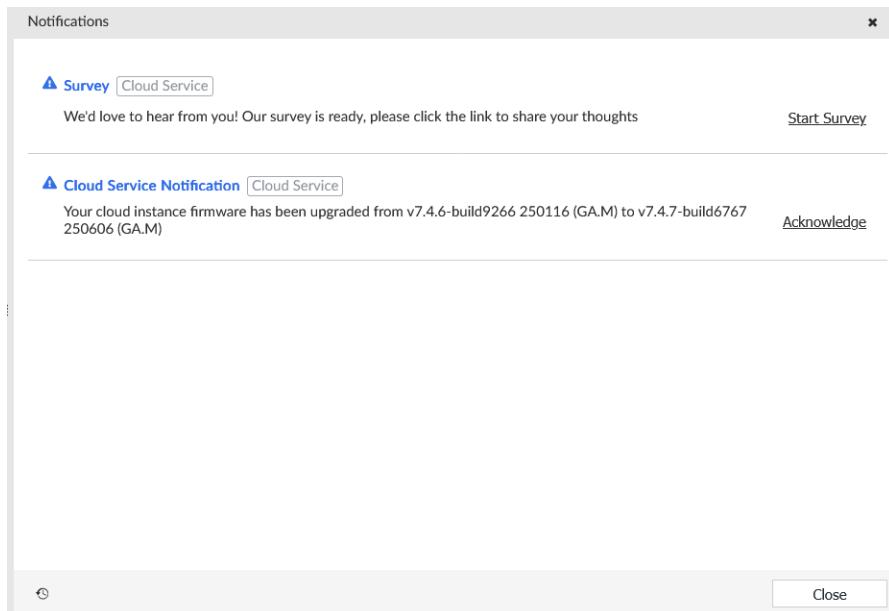


The screenshot shows a modal dialog titled "Give Us Your Feedback". It includes a "Feedback Category" dropdown set to "Select", a "Message Details" text area, and a "Contact" section with an email input field. Buttons for "Cancel" and "Submit" are at the bottom.

FortiManager Cloud survey

Periodically, a FortiManager Cloud survey will be shared through the FortiManager notification menu inviting you to participate in a short survey about your experience with FortiManager Cloud. When available, you can access this survey through the notifications menu and click *Start Survey* to begin.

Using the FortiManager Cloud & Service portal



Using account services

The FortiCare/FortiCloud account offer several services. This section includes the following topics:

- [Adding a secondary account on page 29](#)
- [Modifying a secondary account on page 31](#)
- [Supporting IAM users and IAM API users on page 31](#)

For information about using FortiCloud portal, see the [FortiCloud Account Services](#) page on the [Fortinet Document Library](#).

Adding a secondary account

Only the primary account holder can create secondary account holders in FortiCloud. The secondary account holder can log in to the same instance. Be default, the secondary account holder is assigned the default administrator profile named *Restricted_User*. However, the primary account holder can modify the admin profile for the secondary user.

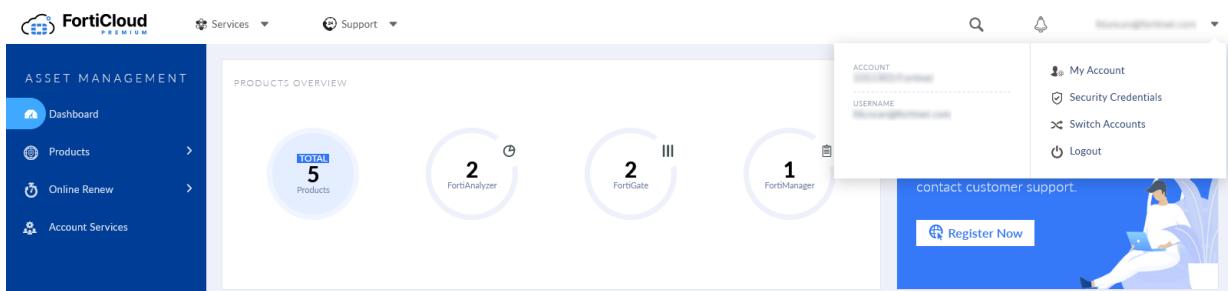
A secondary account allows the Fortinet support team to troubleshoot the FortiManager Cloud deployment.



With FortiManager Cloud 7.0.x and later, you can use the Identity and Access Management (IAM) portal, and you can migrate secondary accounts to the IAM portal. In IAM portal, secondary accounts are called sub users. For information about migrating sub users, see the [Identity & Access Management Guide](#).

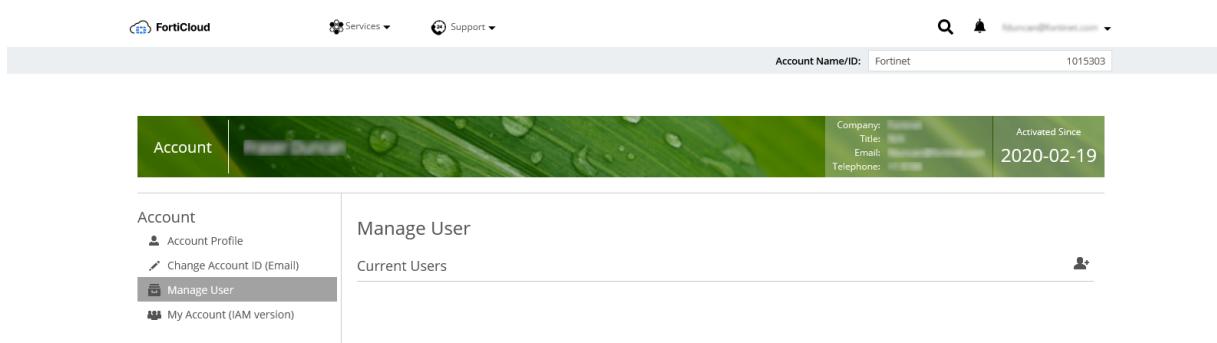
To add a secondary account:

1. Go to FortiCloud (<https://support.fortinet.com/>), and use your FortiCloud account credentials to log in.
2. From the top-right corner, click your login name, and select *My Account*.



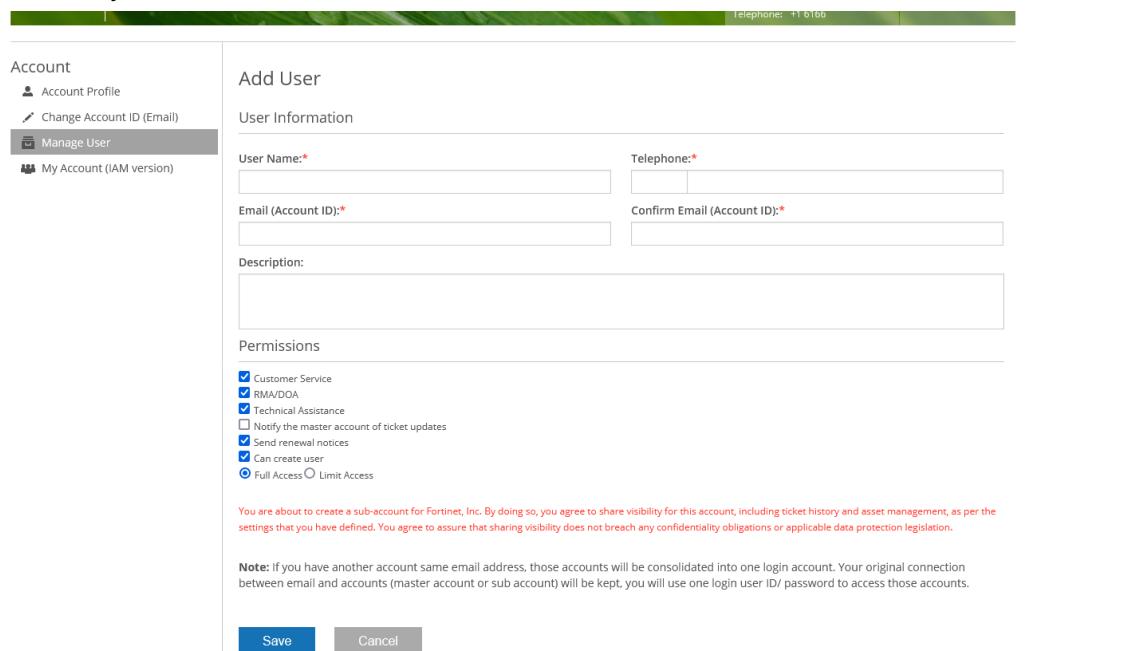
3. Click *Manage User*.
4. Click the new user icon to add a new user.

Using account services



- When creating an account for the Fortinet support team, specify an email for the secondary account, and select *Full Access* or *Limit Access*.

A user with full access has the same access level as a primary account user. A user with limited access can only manage the assigned product serial number and will be unable to receive renewal notices or create additional secondary account users.



- Log in to the personal FortiCare portal. Under FortiManager Cloud section, you will see an account listed as a secondary member.
- Click the entry to expand the view.
 - Click *Enter* to access the system via HTTPS.
 - (Optional) Click *Download New Image* to get the latest firmware version.
- Ask the new user to log in to FortiManager Cloud.

After the new user logs in to FortiManager Cloud, the user is displayed on the *FortiManager Cloud* instance, and the administrator can modify the account. See [Modifying a secondary account on page 31](#).



A secondary account can access the portal thirty days after it expires.

Modifying a secondary account

The new user must log in to FortiManager Cloud for the account to be displayed in the FortiManager instance. When new users log in to the account, they are automatically assigned the default administrator profile named *Restricted_User*.

After the new user has logged in to the account, the primary user or a super user can modify the account.

For information about creating a secondary account, see [Adding a secondary account on page 29](#).

To modify a secondary account:

1. Log in to FortiManager Cloud.
2. Go to *System Settings > Administrators*.
3. Edit the administrator, and assign a different profile.

Supporting IAM users and IAM API users

FortiManager Cloud 7.0.x and later supports user credentials created in the Identity & Access Management (IAM) portal. On FortiCloud, you can create IAM users and IAM API users, and use them with FortiManager Cloud.

For more information about using the IAM portal, see the [Identity & Access Management Administration Guide](#).

See also [Adding IAM users on page 31](#) and [Adding API users on page 34](#).

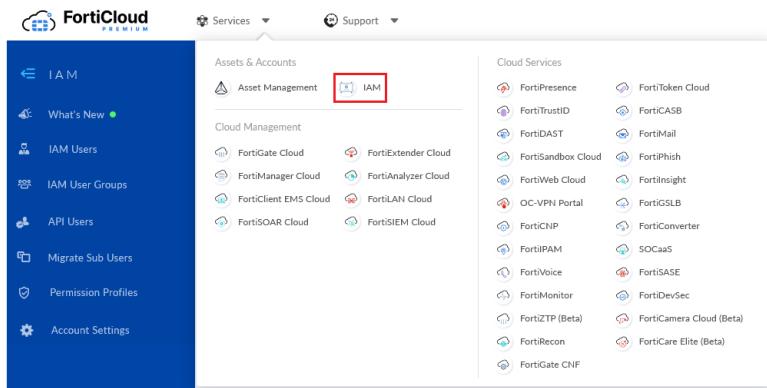
Adding IAM users

FortiManager Cloud supports FortiCloud Identity and Access Management (IAM). You can use the FortiCloud portal to manage users, authentication credentials, and access permissions for FortiManager Cloud.

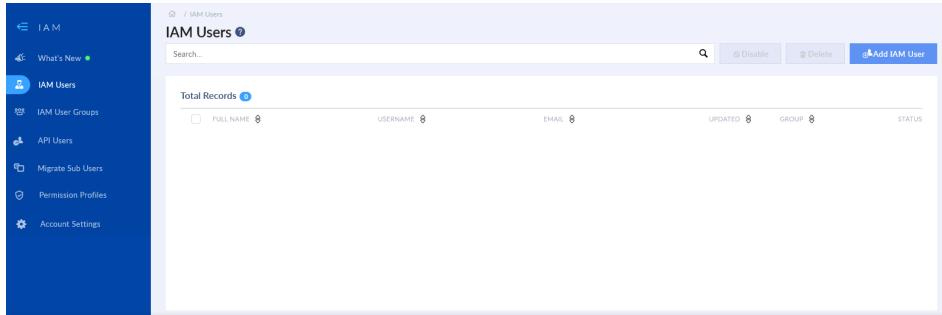
To add an IAM user:

1. Go to FortiCloud (<https://support.fortinet.com/>), and log in.
2. From the Services menu, select *IAM*.

Using account services



The *IAM portal* is displayed.



3. Create a new IAM user.

For more information, see [Adding IAM Users](#) in the *Identity & Access Management (IAM)* guide on the Fortinet Documents Library.

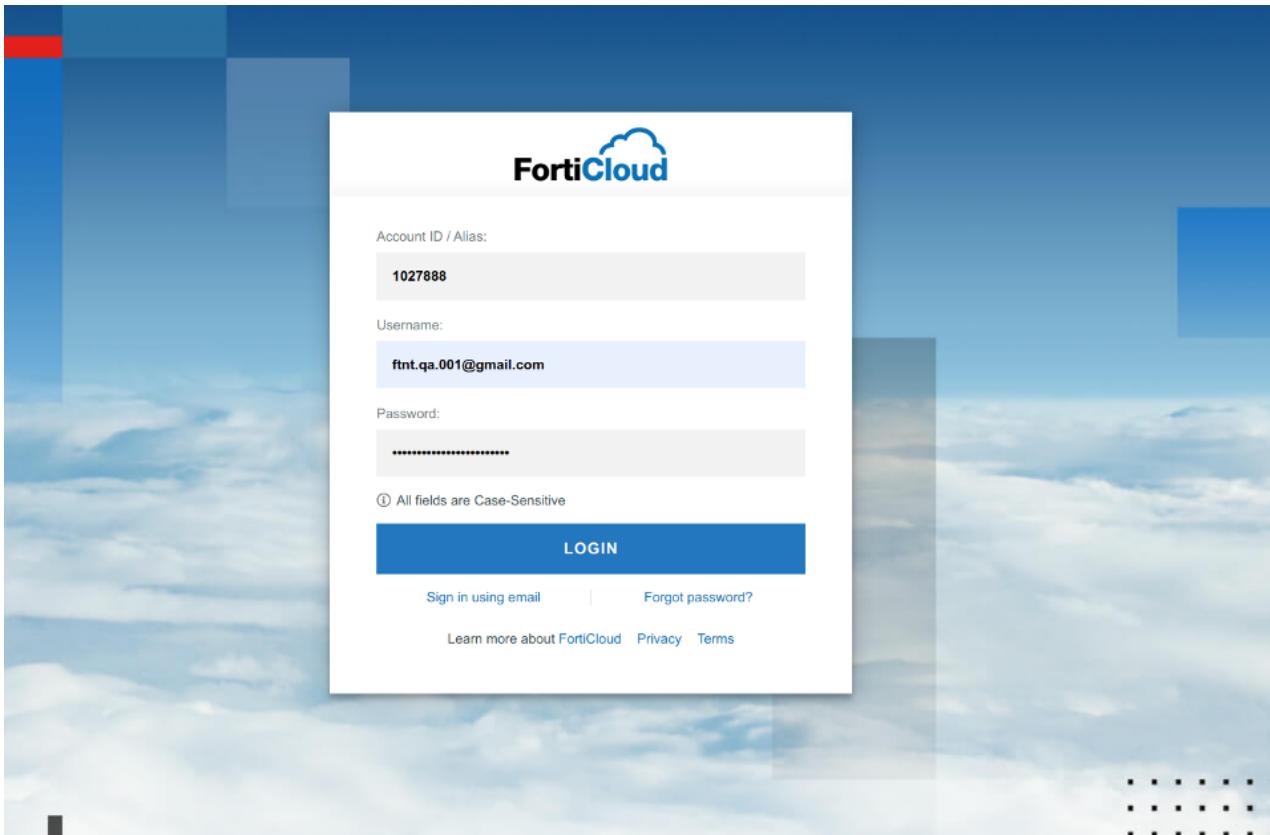
4. Add an IAM user group, and add the user to it.

For more information, see [Adding IAM User Groups](#) in the *Identity & Access Management (IAM)* guide on the Fortinet Documents Library.

5. Generate an IAM user login password.

For more information, see [Generating the password reset link](#) in the *Identity & Access Management (IAM)* guide on the Fortinet Documents Library.

6. The IAM user can use the credentials to log in to FortiCloud.



After logging in to FortiCloud, the IAM user has access to *FortiManager Cloud & Service* portal.

- Enter the FortiManager Cloud instance, and go to *System Settings > Administrators* to view the IAM user.

FortiCloud IAM User Permissions

See the table below for an explanation of how each of the FortiCloud user permissions are associated with a FortiManager admin profile:

FortiCloud User Permission	Associated FortiManager Admin Profile
Admin	Assigned to the <i>Super_User</i> admin profile.
Read-Write	Assigned to the <i>Standard_User</i> admin profile.
Read-Only	Assigned to the <i>Restricted_User</i> admin profile.
Custom	<p><i>Custom</i> users are assigned to the <i>Restricted_User</i> admin profile the first time they log in.</p> <p>A <i>Super_User</i> administrator can assign a new or existing FortiManager admin profile to the user. The new admin profile will be applied to the user when they next log in to FortiManager Cloud.</p>

You cannot change the FortiManager Cloud admin profiles assigned to users using the *Admin*, *Read-Write*, or *Read-Only* FortiCloud user permissions.

Adding API users

API users can access FortiCloud services, including FortiManager Cloud, through the API.

In order to send API requests to FortiManager Cloud, you must first obtain an access token from FortiCloud using OAuth 2.0. You can use the access token to generate a session ID which is required to send an JSON API request to FortiManager.

To use the FortiManager Cloud API:

1. Create an API user in FortiCloud and download your API credentials. See [Adding an API user](#) in the FortiCloud Account Services documentation for instructions on how to add API users.
2. Obtain an access token from FortiCloud using your credentials. See [Accessing FortiAPIs - Authentication and authorization](#) for information on authentication and authorization for FortiAPIs.
3. Use the access token to get a FortiManager Cloud API session ID using the `https://<FortiManager_cloud_url>/p/forticloud_jsonrpc_login/` endpoint.

HTTP Method	POST
Endpoint	<code>https://<FortiManager_cloud_url>/p/forticloud_jsonrpc_login/</code>
Request Body	<pre>{ "access_token": "<access token obtained in step 2>" }</pre>
Response example	<pre>{ "session": "ykF3W6G8CfZv+xeCsZBC00n6P0TEbs0*****" }</pre>

4. Send API requests to the `https://<FortiManager_cloud_url>/jsonrpc` endpoint with the session included in the body.

For example:

HTTP Method	POST
Endpoint	<code>https://<FortiManager_cloud_url>/jsonrpc</code>
Request Body	<pre>{ "method": "get", "params": [{ "url": "/sys/status" }], "id": 1, "verbose": 1, "session": "ykF3W6G8CfZv+xeCsZBC00n6P0TEbs0*****", }</pre>



The FortiManager Cloud API uses session-based authentication. The number of simultaneous API sessions allowed for an API user is controlled by the user's max login setting. By default, this setting is set to 20.

```
config system admin user
    edit <user>
        set login-max 20
```

Supporting external IdP users

External IdP user support enables users to log into FortiManager Cloud with their company-provided user credentials using a third-party SAML identity provider.

For more information on managing external IdP roles and users for cloud products, see the [FortiCloud Identity & Access Management \(IAM\)](#) user guide.

Using multiple roles with external IdP users

For more information on external IdP users for FortiCloud, see [External IdP roles](#).

Logging in as an external IdP user with multiple roles:

1. When logging in as an IdP user that has multiple roles, the account selection page is displayed allowing users to select which instance to access.

External IdP users can have multiple roles assigned to a single FortiManager Cloud instance.

The screenshot shows the FortiManager Cloud login process. On the left, a 'Welcome Back!' screen displays a federated login for 'fazcloud_fac' with the username 'idp-multi1'. It features a photo of a woman working at a desk. On the right, a 'Select a Role to Proceed' dialog box is open, listing roles for account '1691225' under company 'Faz'. The roles are: 'idp_admin', 'idp_custom', 'idp_readwrite', 'idp_admin', 'idp_custom', 'idp_admin', and 'idp_readwrite'. Each role is associated with the account ID '1691225' and the company 'Faz'.

ACCOUNT ID	COMPANY	ROLE NAME
1691225	Faz	idp_admin
1691225	Faz	idp_custom
1691225	Faz	idp_readwrite
1691226	Faz	idp_admin
1691226	Faz	idp_custom
1691228	Faz	idp_admin
1691228	Faz	idp_readwrite

2. After selecting an instance and role, the portal will use the associated role for the login.

The screenshot shows the FortiAnalyzer Cloud Device Manager. At the top, there are navigation links for 'FortiAnalyzer-Cloud', 'Add Device', and 'Device Group'. A search bar and a 'Device Manager' filter are on the left. The main area displays a summary with a green circle showing '20 Devices' and a grey circle showing '400 GB'. Below this is a table with columns: Device Name, Platform, HA Status, Description, Firmware Version, Serial Number, Last Log Time, and Status. The table lists 20 FortiGate-VM64 units, all in 'Up' status. The bottom right corner shows a user profile for 'idp-multi1@fazcloud_fac'.

3. Click *Switch Roles* or *Return To Portal* in the FortiManager Cloud toolbar to return to the FortiAnalyzer Cloud role selection page. On the role selection page, you can select another account and role.

The screenshot shows the FortiManager Cloud role selection page. On the left, there's a 'Welcome Back!' message with 'FEDERATED LOGIN fazcloud_fac' and 'USERNAME idp-multi'. Below this is a 'ThirdParty' button. The main area has a 'Make a Selection to Proceed' header and a search bar. A list of accounts is shown, each with an 'Edit' icon. The list includes:

- faz 1691225/faz01@faz.ca | idp_admin
- faz (Current Account) 1691225/faz01@faz.ca | idp_readwrite
- faz 1691225/faz01@faz.ca | idp_custom
- faz 1691226/faz02@faz.ca | idp_custom
- faz 1691228/faz04@faz.ca | idp_admin
- faz 1691228/faz04@faz.ca | idp_readwrite

Logging in as an external IdP user with multiple roles in an Organizational Unit:

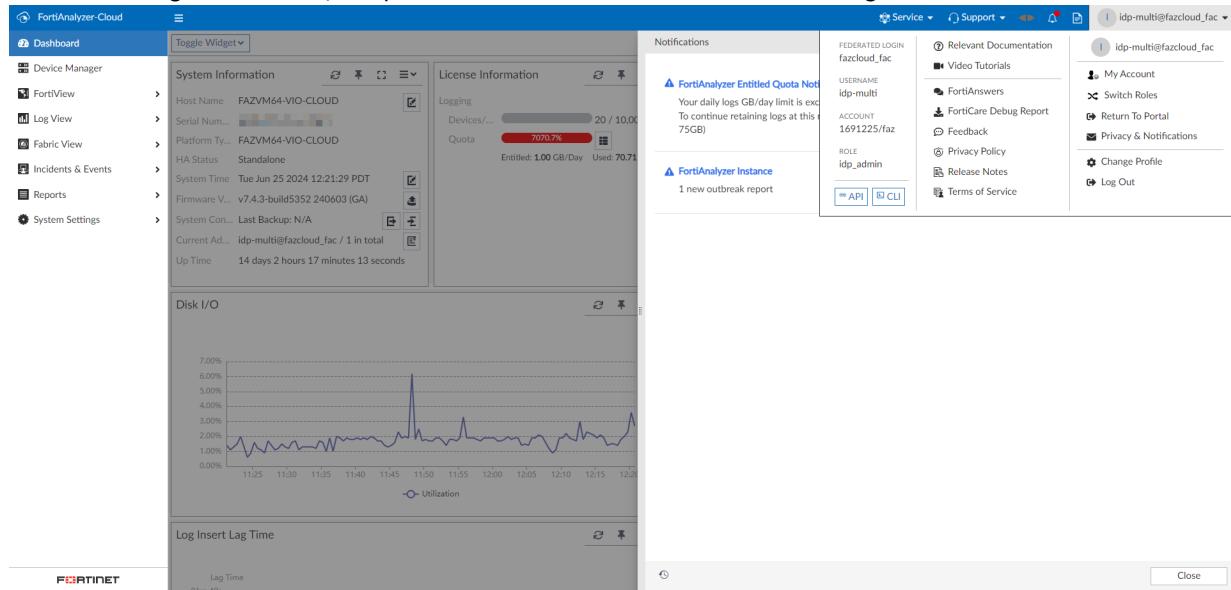
1. When logging in as an external IdP user with multiple roles in an Organizational Unit (OU), the account selection page is displayed allowing you to select an instance, role, and OU.

The screenshot shows the FortiManager Cloud account selection page. On the left, there's a 'Welcome Back!' message with 'FEDERATED LOGIN fazcloud_fac' and 'USERNAME idp-multi'. Below this is a 'ThirdParty' button. The main area has a 'Select a Role to Proceed' header and a search bar. A list of accounts is shown, each with an 'Edit' icon. The list includes:

- 1691225 Faz idp_admin
- > 1691225 Faz idp_admin_ou
- 1691225 Faz idp_custom_match
- > 1691225 Faz idp_custom_match_ou
- > 1691225 Faz idp_custom_res_ou
- 1691225 Faz idp_READONLY
- > 1691225 Faz idp_READONLY_ou
- > 1691225 Faz idp_readwrite_ou
- 1691226 Faz DTCA_CFG_NetEng_FortiCloud_NE_Opera

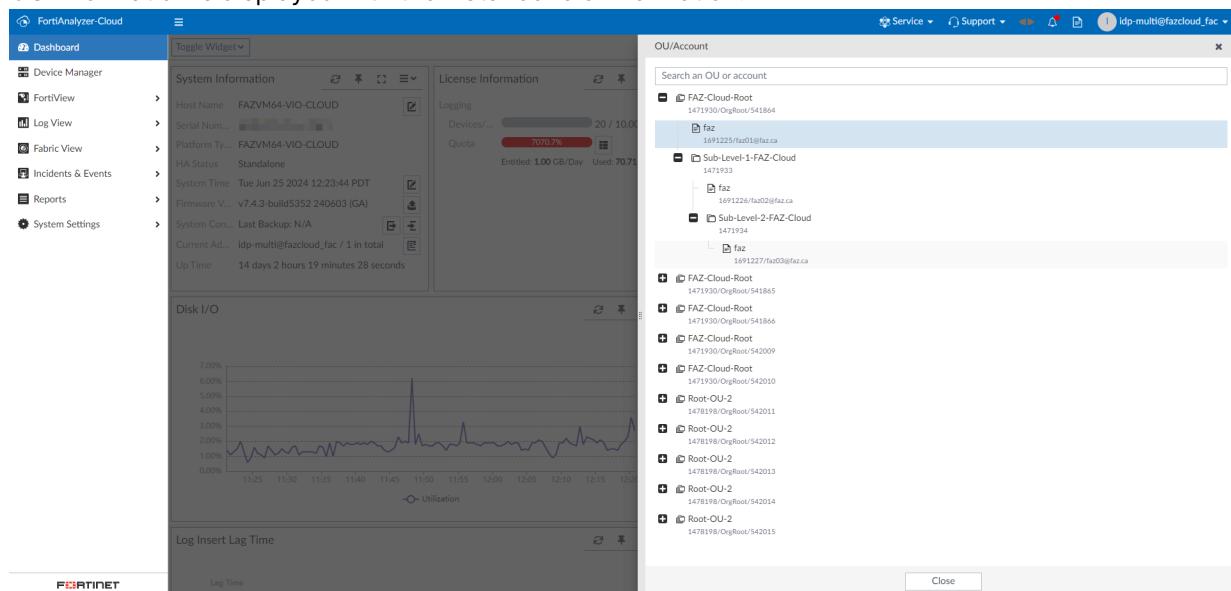
Using account services

2. After selecting an instance, the portal will use the selected role for the login.



The screenshot shows the FortiAnalyzer Cloud dashboard. The left sidebar includes 'Device Manager', 'FortiView', 'Log View', 'Fabric View', 'Incidents & Events', 'Reports', and 'System Settings'. The main area displays 'System Information' (Host Name: FAZVM64-VIO-CLOUD, Serial Num.: [REDACTED], Platform Type: FAZVM64-VIO-CLOUD, HA Status: Standalone, System Time: Tue Jun 25 2024 12:21:29 PDT, Firmware Version: v7.4.3-build5352 240603 (GA), System Configuration: Last Backup: N/A, Current Admin: idp-multi@fazcloud_fac / 1 in total, Up Time: 14 days 2 hours 17 minutes 13 seconds) and 'License Information' (Logging: Devices/... 20 / 10.0X, Quota: 7070.7%, Entitled: 1.00 GB/Day, Used: 70.71%). A 'Notifications' box shows a quota warning and one new outbreak report. The right sidebar shows 'FEDERATED LOGIN fazcloud_fac', 'USERNAME idp-multi', 'ACCOUNT 1691225/faz', 'ROLE idp_admin', and links for 'API' and 'CLI'. The user is logged in as 'idp-multi@fazcloud_fac'. The bottom right has a 'Close' button.

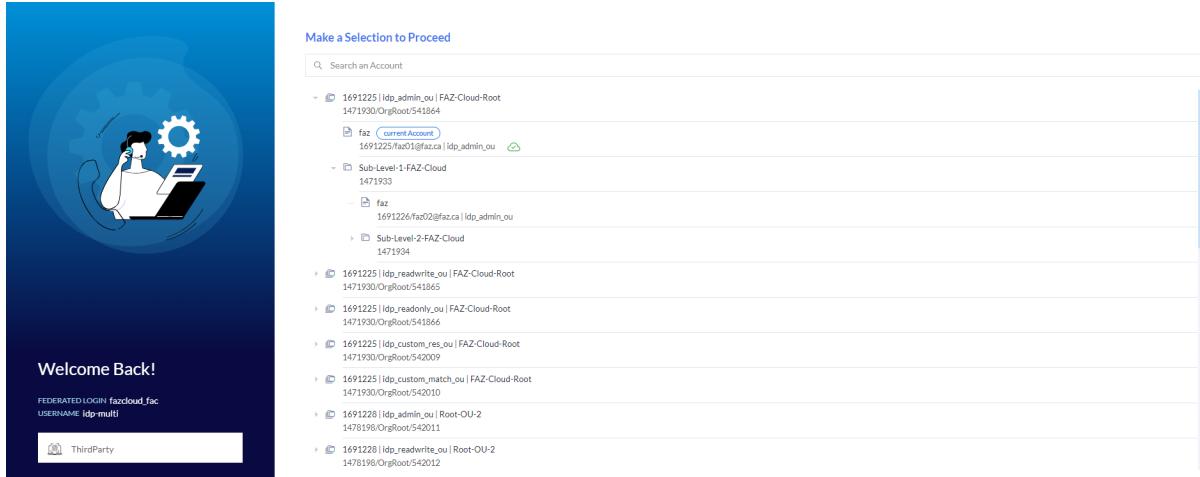
3. OU information is displayed with the instance role information.



The screenshot shows the FortiAnalyzer Cloud dashboard. The left sidebar includes 'Device Manager', 'FortiView', 'Log View', 'Fabric View', 'Incidents & Events', 'Reports', and 'System Settings'. The main area displays 'System Information' (Host Name: FAZVM64-VIO-CLOUD, Serial Num.: [REDACTED], Platform Type: FAZVM64-VIO-CLOUD, HA Status: Standalone, System Time: Tue Jun 25 2024 12:23:44 PDT, Firmware Version: v7.4.3-build5352 240603 (GA), System Configuration: Last Backup: N/A, Current Admin: idp-multi@fazcloud_fac / 1 in total, Up Time: 14 days 2 hours 19 minutes 28 seconds) and 'License Information' (Logging: Devices/... 20 / 10.0X, Quota: 7070.7%, Entitled: 1.00 GB/Day, Used: 70.71%). A 'Disk I/O' chart and 'Log Insert Lag Time' chart are also present. The right sidebar shows 'OU/Account' with a search bar and a list of entries: FAZ-Cloud-Root (1471930/OrgRoot/541864), faz (1691225/faz01@faz.ca), Sub-Level-1-FAZ-Cloud (1471933), faz (1691226/faz02@faz.ca), Sub-Level-2-FAZ-Cloud (1471934), faz (1691227/faz03@faz.ca), FAZ-Cloud-Root (1471930/OrgRoot/541865), FAZ-Cloud-Root (1471930/OrgRoot/541866), FAZ-Cloud-Root (1471930/OrgRoot/542009), FAZ-Cloud-Root (1471930/OrgRoot/542010), Root-OU-2 (1478198/OrgRoot/542011), Root-OU-2 (1478198/OrgRoot/542012), Root-OU-2 (1478198/OrgRoot/542013), Root-OU-2 (1478198/OrgRoot/542014), and Root-OU-2 (1478198/OrgRoot/542015). The user is logged in as 'idp-multi@fazcloud_fac'. The bottom right has a 'Close' button.

4. Click *Switch Roles* or *Return To Portal* to return to the FortiManager Cloud role selection page. On the role selection page, you can select another role or OU to use for login.

Using account services



The screenshot shows a search results page for account services. The title "Make a Selection to Proceed" is at the top. A search bar contains the placeholder "Search an Account". Below the search bar is a list of account entries, each with a small icon, a unique ID, a name, and a description. The entries are as follows:

- 1691225 | idp_admin_ou | FAZ-Cloud-Root
1471930|OrgRoot/541864
↳ **faZ** (Current Account)
↳ 1691225|fa01@faZ.ca|idp_admin_ou
- 1691226|fa02@faZ.ca|idp_admin_ou
↳ Sub-Level-1-FAZ-Cloud
1471933
↳ faZ
1691226|fa02@faZ.ca|idp_admin_ou
- 1691226|fa02@faZ.ca|idp_admin_ou
↳ Sub-Level-2-FAZ-Cloud
1471934
- 1691225|idp_readwrite_ou | FAZ-Cloud-Root
1471930|OrgRoot/541865
- 1691225|idp_READONLY_ou | FAZ-Cloud-Root
1471930|OrgRoot/541866
- 1691225|idp_custom_res_ou | FAZ-Cloud-Root
1471930|OrgRoot/542009
- 1691225|idp_custom_match_ou | FAZ-Cloud-Root
1471930|OrgRoot/542010
- 1691225|idp_admin_ou | Root-OU-2
1478198|OrgRoot/542011
- 1691225|idp_readwrite_ou | Root-OU-2
1478198|OrgRoot/542012

On the left side of the interface, there is a sidebar with the following text:
Welcome Back!
FEDERATED LOGIN: fazcloud_fac
USERNAME: idp-multi
ThirdParty



www.fortinet.com

Copyright© 2026 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's Chief Legal Officer, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.