



Integration Guide

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ABOUT THIS DOCUMENT

This document provides step-by-step guidance on how to integrate your Jamf Pro account with Discern Security.

INTRODUCTION

Discern Security platform integrates with Jamf Pro to pull data, providing a holistic view of your cybersecurity posture. Discern retrieves information for the following:

- Computer Groups
- Devices (Computers)
- Ldap Servers
- Mobile Device Applications
- Mobile Devices
- OSX Configuration Profiles
- Patch Policies
- Patch Software Title Configuration
- Policies
- SSO
- User Groups
- Users
- Webhooks

REQUIREMENTS

To proceed with this integration, you must have an **account** in **Jamf Pro** with **required permissions** mentioned below.

REQUIRED PERMISSIONS

To get all the required data from Jamf (Classic/Pro) APIs and to implement the Discern Security recommended remediation actions, you will need to have sufficient Permissions enabled.

Type of Data	API Type	Scope
Computers, LDAP Servers, Mobile Device Apps, Mobile Devices, macOS Configuration Profiles, Policies, Smart User Groups or Static, Users, Webhooks	Classic	Read
Computer Groups, Patch Policies, Patch Software Title Configurations, SSO	Pro	Read Patch Management Software Titles Read SSO Settings Read Push Certificates Read Computers Read Accounts Read Patch Management Settings

NOTE:

- **Classic API:** Authenticate with **username**, **password**, and **domain**. Make sure all required above **scopes** from the linked [docs](#) are granted.
- **Pro API:** Authenticate with **client_id**, **client_secret**, and **domain**. Ensure the previously noted **scopes** are granted.

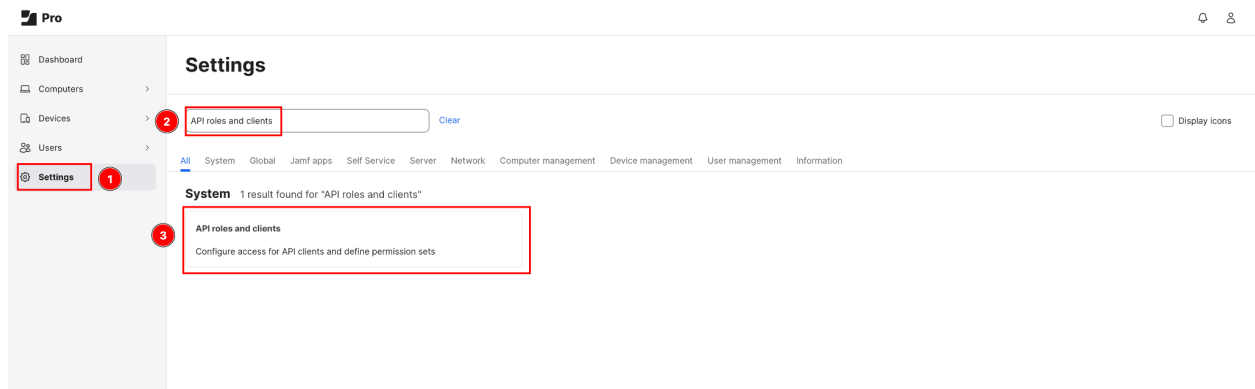
PREREQUISITES

This integration requires access across **Jamf** and the **Discern Security Management Console**

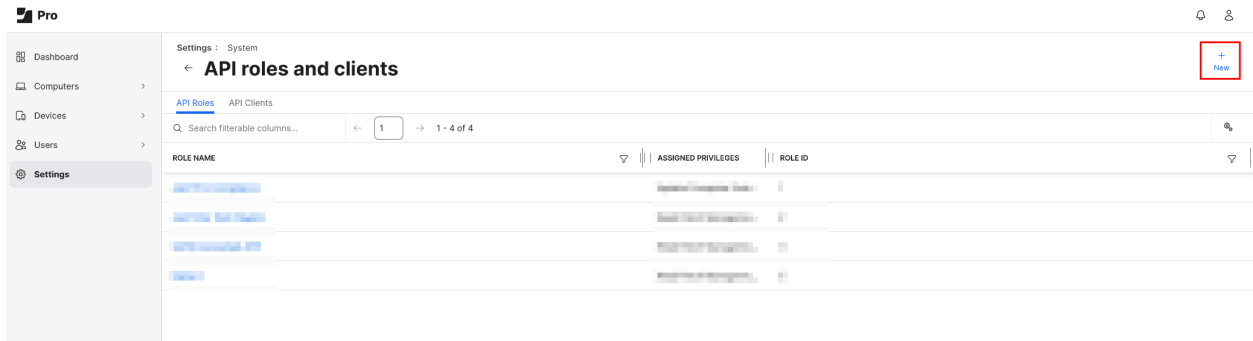
GENERATE CONNECTION DETAILS

HOW TO GENERATE CLIENT ID AND CLIENT SECRET

1. Login to your Jamf account.
2. Click on the Settings from left navigation.
3. Search for “API roles and clients” and open it.



4. On the API Keys page, Click on the New button available at the top-right of the screen.



5. Enter the Display Name.
6. Select the below permission from the dropdown
 - Read Patch Management Software Titles
 - Read SSO Settings
 - Read Push Certificates
 - Read Computers
 - Read Accounts
 - Read Patch Management Settings
7. Click on the save button.

Pro

Settings : System > API roles and clients

← **New API Role**

Display Name
Display name for the API Role

Discern Security

Privilege documentation Find out which privileges are required for each API endpoint.

Jamf Pro API documentation Classic API documentation

Privileges Privileges to be selected for each API endpoint, settings, and actions.

Read Patch Management Software Titles × Read SSO Settings × Read Push Certificates × Read Computers × Read Accounts × Read Patch Management Settings ×

Cancel Save

8. The system will create the API roles and clients.

Pro

Settings : System

← **API roles and clients**

Display Name Display name for the API Role

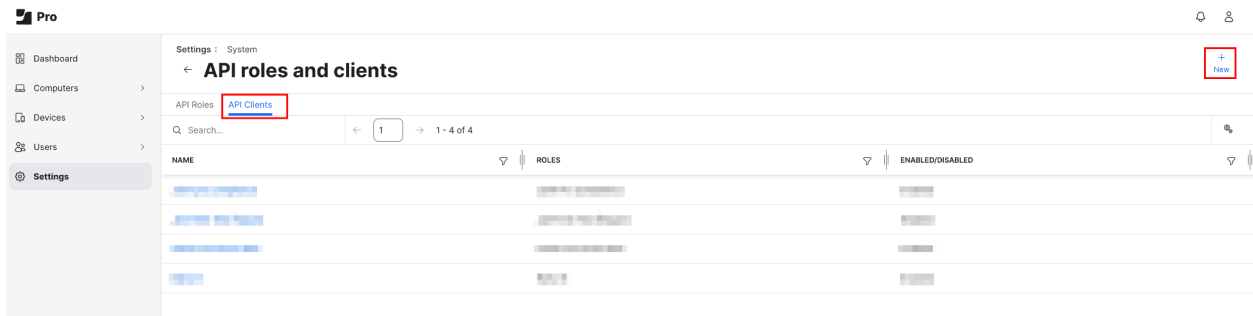
Discern Security

Privileges

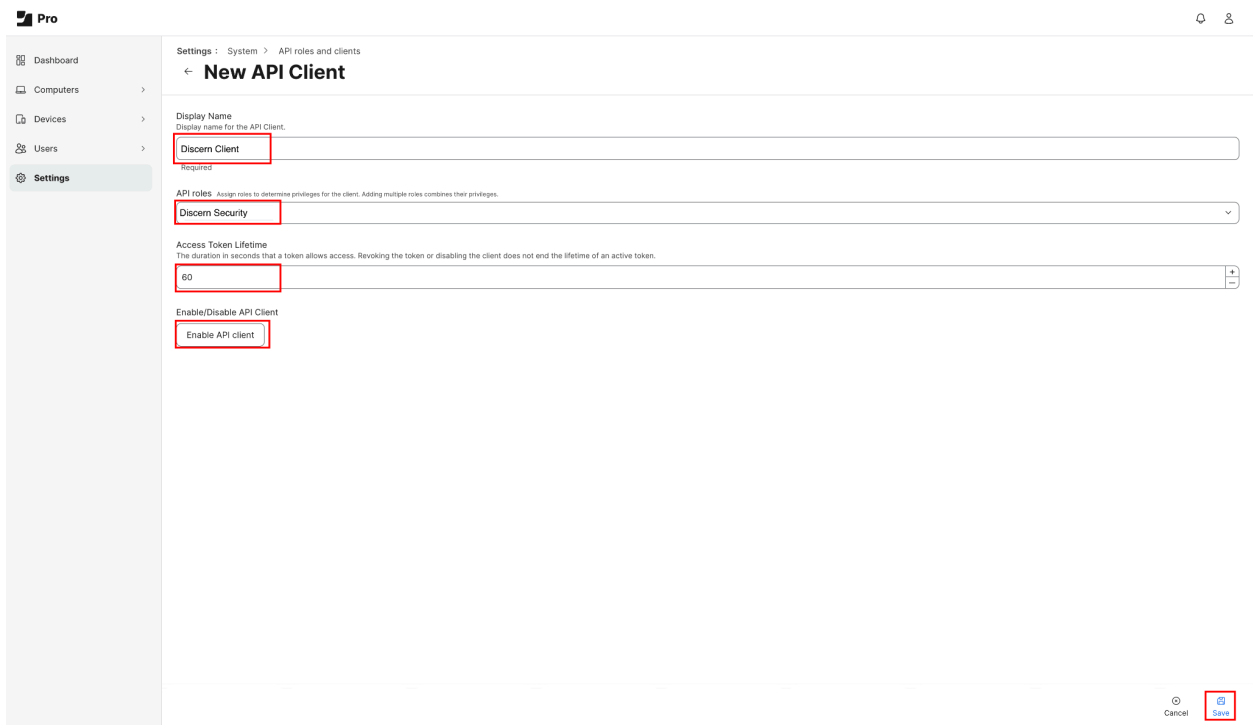
Read Patch Management Software Titles, Read SSO Settings, Read Push Certificates, Read Computers, Read Accounts, Read Patch Management Settings

9. Click on the back button and click on the API Clients Tab.

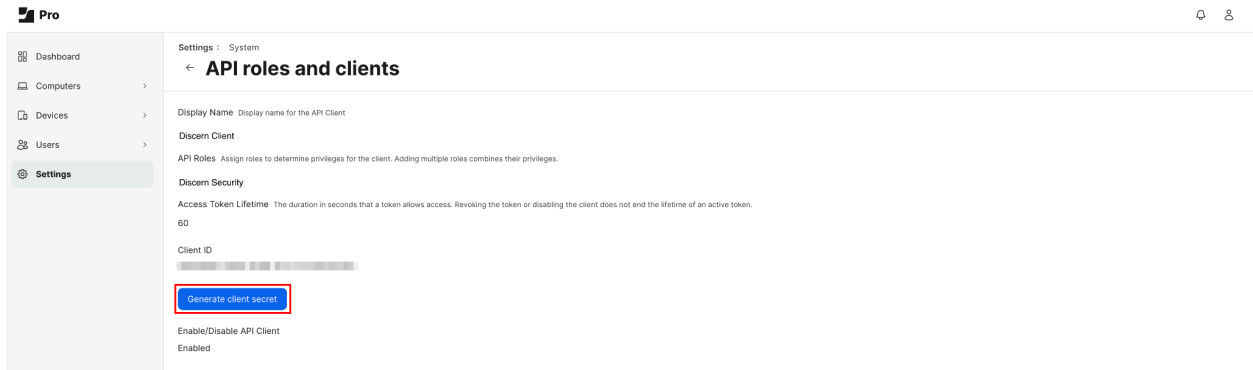
10. Click on the New button.



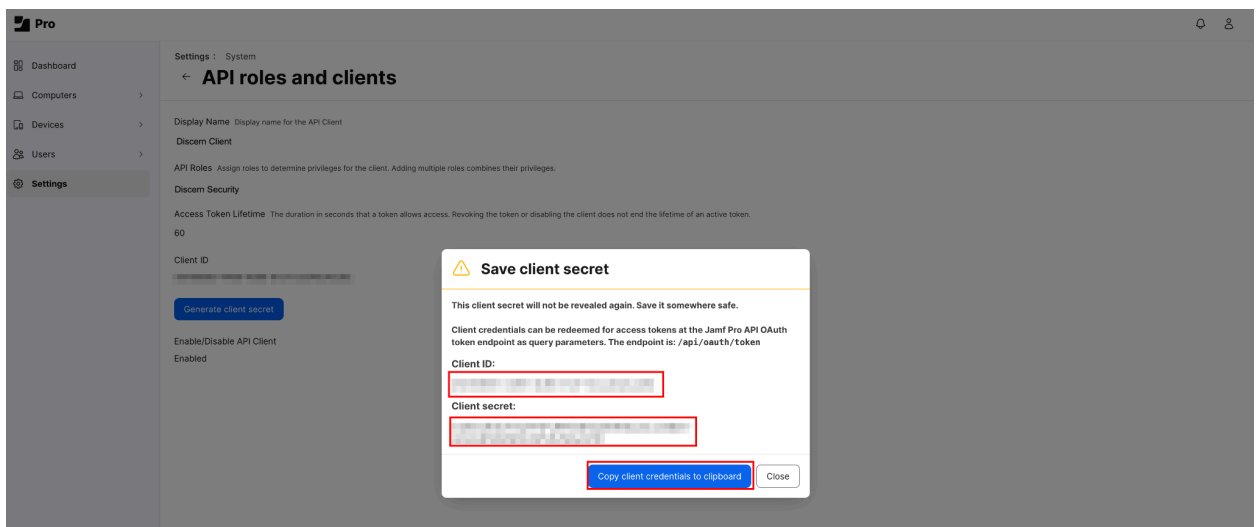
11. Enter a Display Name for the API Client.
12. Select the API roles you created above, In the API roles field.
13. Enter the Access Token Lifetime in seconds. It's important to regularly update the Access Token according to its expiration date.
14. Click on the Enable API client button.



15. Click on the Save button.
16. Click on the Generate client secret button.

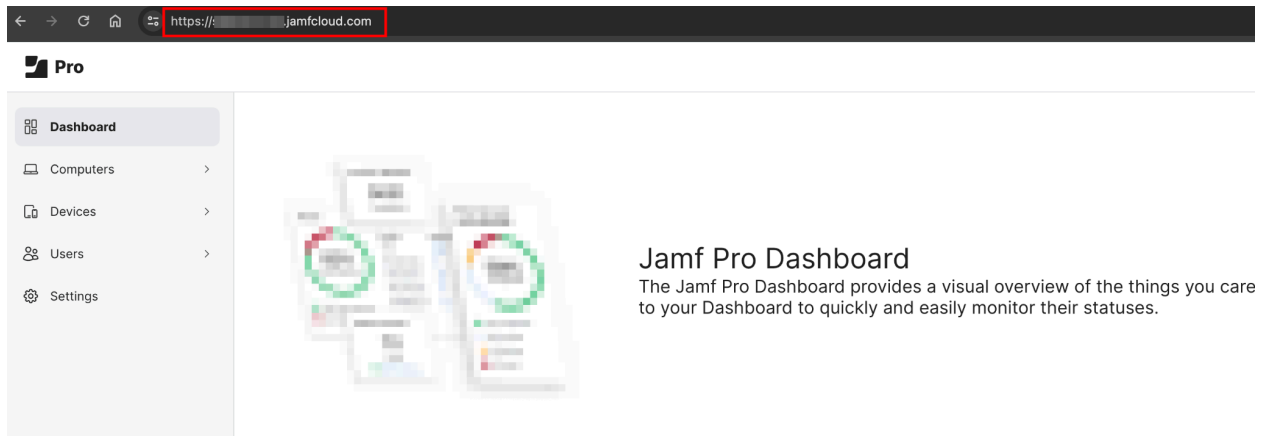


17. Copy and save the Client ID and Client secret to use it while configuring Jamf in Discern.



HOW TO GET DOMAIN NAME

1. Access the Jamf Instance, and capture the URL
2. Copy and save the Domain Name to use it while configuring Jamf in Discern.



REGISTER JAMF PRO IN DISCERN

1. Log in to the [Discern Security website](#).
2. Click **Vendor Integrations** from the **left-side panel**.
3. Search for **Jamf Pro** and click **Register**.
4. Enter your **Jamf Pro username** and **password**.
OR
Enter your **Jamf Pro client_id** and **client_secret**.
OR
Enter your **Jamf Pro username**, **password**, **client_id** and **client_secret**.
5. Provide your **Jamf Pro Domain Name** in the following format:

<https://yourisinstancename.jamfcloud.com/>

6. Select the appropriate **data feeds** for collection by the **Discern Security** platform.
(By default, all data feeds are selected.)

a. Classic API Feeds

- Executive Dashboard
- Configuration Health
- Coverage
- Human Risk
- Threat Exposure
- MITRE D3FEND
- MITRE ATT&CK
- Vendor Integrations**
- Uploads
- Assets
- Reports
- No Code Studio
- Agentic Studio Beta
- Compliance
- Account
- Support Portal
- Help and Support

Vendors

Vendors > Jamf Pro > Setup > Edit Integration

noel+ta@discernsecurity.com
discern root

Unified Endpoint Management (UEM)

Read documentation

Integration Settings

Integration Name :

Jamf Classic

Username :

discernsecurity.com

Password :

Domain Name :

discernsecurity.com

Edit Integration

Delete Integration

Data Feeds

Run All

<input type="checkbox"/>	Name ↑↓	Status ↑↓	Last Run ↑↓	Next Run ↑↓	Actions
<input checked="" type="checkbox"/>	Computers	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	Laptop Servers	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	Mobile Device Applications	Scheduled	---	27 Oct 2025, 14:42	
<input checked="" type="checkbox"/>	Mobile Devices	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	OSX Configuration Profiles	Scheduled	---	27 Oct 2025, 14:42	
<input checked="" type="checkbox"/>	Policies	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	User Groups	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	Users	Scheduled	---	27 Oct 2025, 14:40	
<input checked="" type="checkbox"/>	Webhooks	Scheduled	---	27 Oct 2025, 14:40	

b. Pro API Feeds

- Executive Dashboard
- Configuration Health
- Coverage
- Human Risk
- Threat Exposure
- MITRE D3FEND
- MITRE ATT&CK
- Vendor Integrations**
- Uploads
- Assets
- Reports
- No Code Studio
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- Compliance
- Account
- Support Portal
- Help and Support

Vendors

Vendors > Jamf Pro > Setup > Edit Integration

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Unified Endpoint Management (UEM)

Read documentation

Integration Settings

Integration Name :

Jamf Pro

Domain Name :

discernsecurity.com

Client ID :

discernsecurity.com

Client Secret :

Edit Integration

Delete Integration

Data Feeds

Run All

<input type="checkbox"/>	Name ↑↓	Status ↑↓	Last Run ↑↓	Next Run ↑↓	Actions
<input checked="" type="checkbox"/>	Computer Groups	Scheduled	---	27 Oct 2025, 14:43	
<input checked="" type="checkbox"/>	Patch Policies	Scheduled	---	27 Oct 2025, 14:43	
<input checked="" type="checkbox"/>	Patch Software Title Configurations	Scheduled	---	27 Oct 2025, 14:43	
<input checked="" type="checkbox"/>	SSO	Scheduled	---	21 Oct 2025, 16:35	

c. Classic & Pro API Feeds

Vendors
Vendors > Jant Pro > Setup > Edit Integration

discernsecurity.com


Edit Integration Delete Integration

Data Feeds Run All

✓	Name	Status	Last Run	Next Run	Actions
✓	Computer Groups	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Computers	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Laptop Servers	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Mobile Device Applications	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Mobile Devices	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Ons Configuration Profiles	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Patch Policies	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Patch Software Title Configurations	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Policies	Scheduled	---	27 Oct 2025, 14:43	▶
✓	SSO	Scheduled	---	27 Oct 2025, 14:43	▶
✓	User Groups	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Users	Scheduled	---	27 Oct 2025, 14:43	▶
✓	Webhooks	Scheduled	---	27 Oct 2025, 14:43	▶

7. Click **Create Integration**.

8. Wait a few moments, then verify that the integration was successful and the jobs are running as expected.



Executive Dashboard

Configuration Health

Coverage

Human Risk

Threat Exposure

MITRE D3FEND

MITRE ATT&CK

Vendor Integrations

Uploads

Assets

Reports

No Code Studio

Agentic Studio Beta

Compliance

Account

Support Portal


Help and Support

Vendors

Vendors > Jamf Pro > Setup > Edit Integration

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discern root

Back



Jamf Pro

Unified Endpoint Management (UEM)

Read documentation

Integration Settings

+ New Integration

Integration Name :

Jamf Pro

Domain Name :

discernsecurity.com

Client ID :

discernsecurity.com

Client Secret :

Edit Integration

Delete Integration

Data Feeds

Run All

<input type="checkbox"/>	Name ↑↓	Status ↑↓	Last Run ↑↓	Next Run ↑↓	Actions
<input checked="" type="checkbox"/>	Computer Groups	<div>Scheduled</div>	--:--	27 Oct 2025, 14:43	<div></div>
<input checked="" type="checkbox"/>	Patch Policies	<div>Scheduled</div>	--:--	27 Oct 2025, 14:43	<div></div>
<input checked="" type="checkbox"/>	Patch Software Title Configurations	<div>Scheduled</div>	--:--	27 Oct 2025, 14:43	<div></div>
<input checked="" type="checkbox"/>	SSO	<div>Scheduled</div>	--:--	21 Oct 2025, 16:35	<div></div>

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