



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.

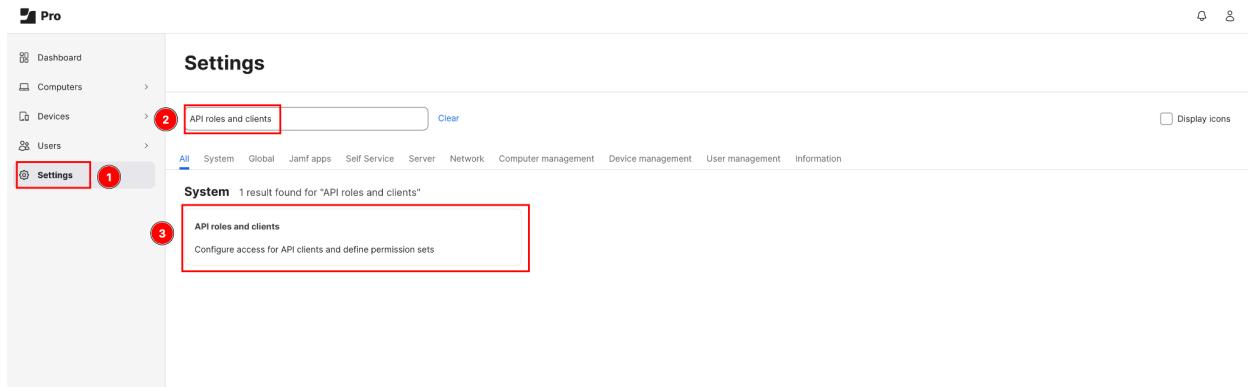
PREREQUISITES

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.

The screenshot shows the 'API roles and clients' page within a 'Pro' interface. The left sidebar includes 'Dashboard', 'Computers', 'Devices', 'Users', and 'Settings' (which is selected). The main content area has a header 'Settings : System' and 'API roles and clients'. It shows a table with the following data:

Role Name	Assigned Privileges	Role ID
API Role 1	API Privilege 1	1
API Role 2	API Privilege 2	2
API Role 3	API Privilege 3	3
API Role 4	API Privilege 4	4

At the top right of the table, there is a red box around the 'New' button.

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

Required

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 granted by Jamf Pro objects, services, and actions

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

Cancel

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

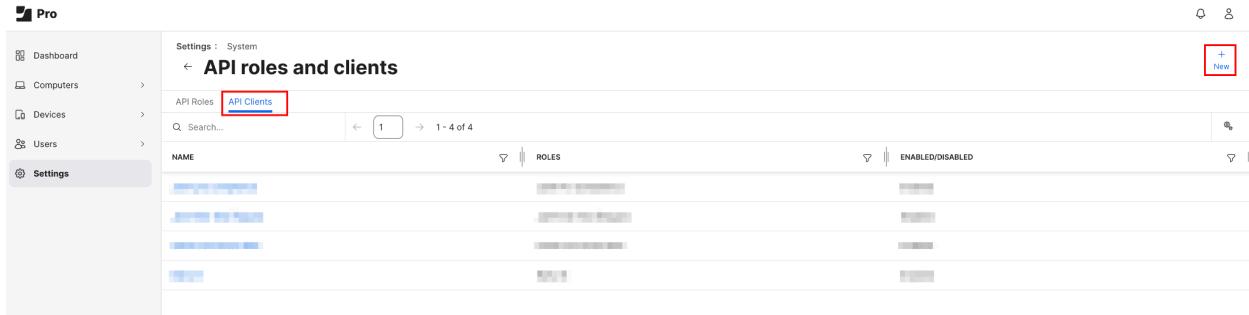
Discern Security

Privileges

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

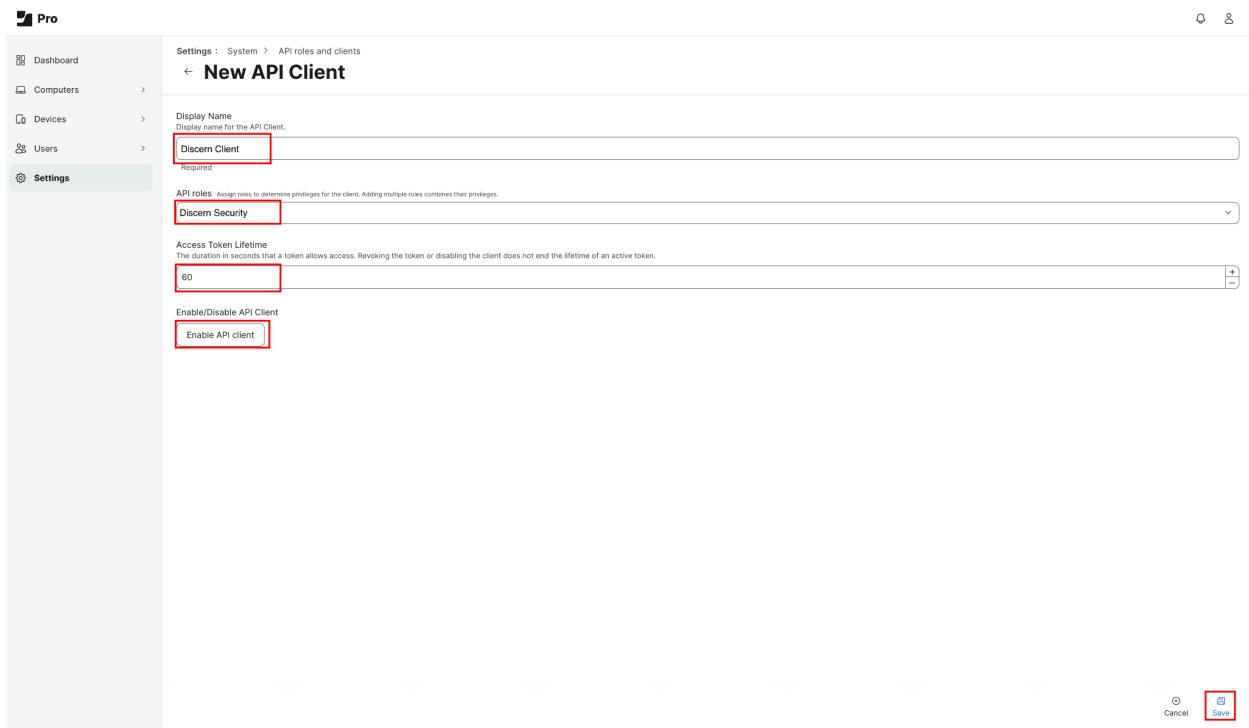
9. Click on the back button and click on the API Clients Tab.

10. Click on the New button.



The screenshot shows the 'API roles and clients' list page. The 'API Clients' tab is selected. A red box highlights the 'New' button in the top right corner. The table lists four API clients with columns for NAME, ROLES, and ENABLED/DISABLED.

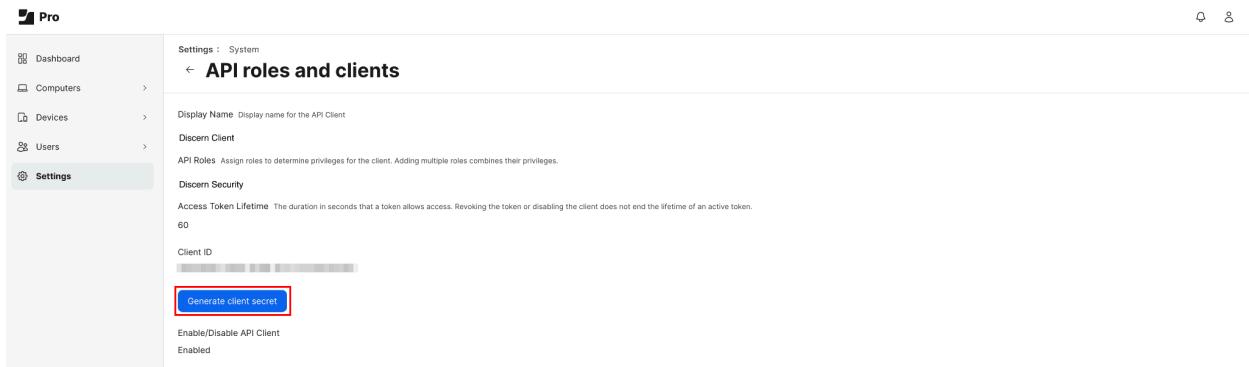
11. Enter a Display Name for the API Client.
12. Select the API roles you created above, In the API roles field.
13. Enter the Access Token Lifetime in seconds. It's important to regularly update the Access Token according to its expiration date.
14. Click on the Enable API client button.



The screenshot shows the 'New API Client' creation form. The 'Display Name' field contains 'Discern Client'. The 'API roles' dropdown contains 'Discern Security'. The 'Access Token Lifetime' field contains '60'. The 'Enable API client' button contains 'Enable API client'. The 'Save' button is highlighted with a red box.

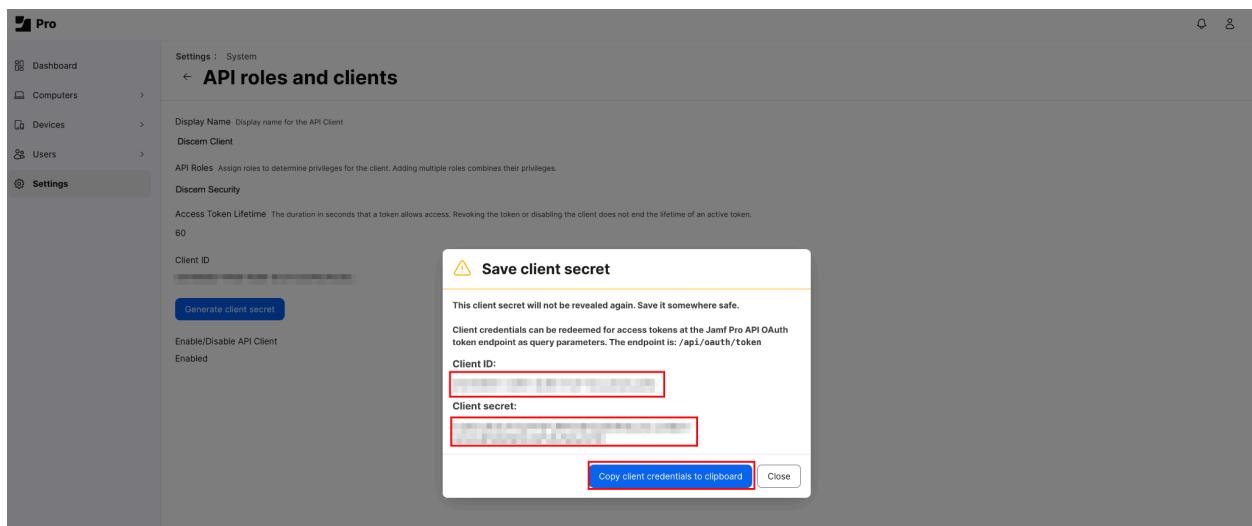
15. Click on the Save button.

16. Click on the Generate client secret button.



The screenshot shows the 'API roles and clients' settings page in Jamf Pro. The 'Generate client secret' button is highlighted with a red box. The page includes fields for 'Display Name', 'API Roles', 'Access Token Lifetime' (set to 60), and 'Client ID' (a redacted string). The 'Generate client secret' button is located below the Client ID field.

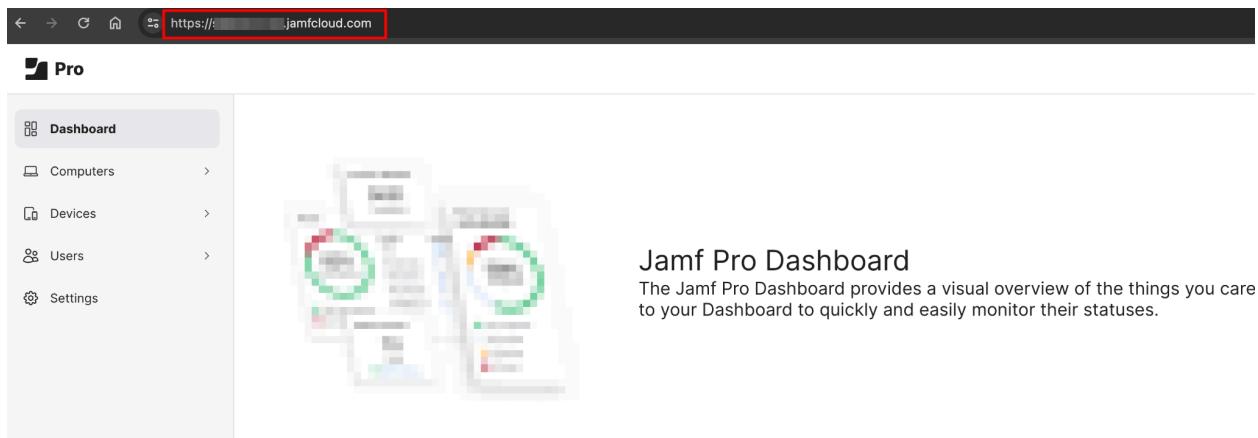
17. Copy and save the Client ID and Client secret to use it while configuring Jamf in Discern.



The screenshot shows a 'Save client secret' dialog box. It contains a warning message: 'This client secret will not be revealed again. Save it somewhere safe.' It also states: 'Client credentials can be redeemed for access tokens at the Jamf Pro API OAuth token endpoint as query parameters. The endpoint is: /api/oauth/token'. The 'Client ID' and 'Client secret' fields are highlighted with red boxes. At the bottom, there is a 'Copy client credentials to clipboard' button, which is also highlighted with a red box, and a 'Close' button.

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.



Jamf Pro Dashboard

The Jamf Pro Dashboard provides a visual overview of the things you care to your Dashboard to quickly and easily monitor their statuses.

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://yourinstancename.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

Integration Settings

Integration Name: Jamf Classic

Username: discernsecurity.com

Domain Name: discernsecurity.com

Data Feeds

Name	Status	Last Run	Next Run	Actions
Computers	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
LDAP Servers	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
Mobile Device Applications	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
Mobile Devices	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
OSX Configuration Profiles	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
Policies	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
User Groups	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
Users	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run
Webhooks	Scheduled	2025-10-27 14:40	2025-10-27 14:42	Run

b. Pro API Feeds

Integration Settings

Integration Name: Jamf Pro

Domain Name: discernsecurity.com

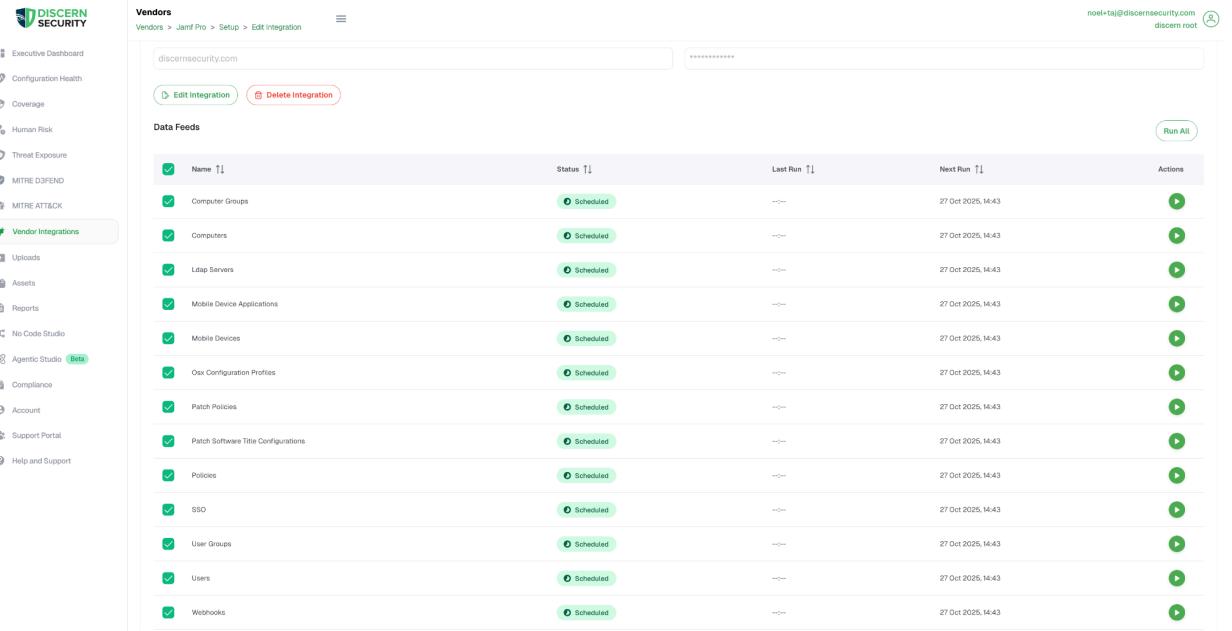
Client ID: discernsecurity.com

Client Secret: (redacted)

Data Feeds

Name	Status	Last Run	Next Run	Actions
Computer Groups	Scheduled	2025-10-27 14:43	2025-10-27 14:43	Run
Patch Policies	Scheduled	2025-10-27 14:43	2025-10-27 14:43	Run
Patch Software Title Configurations	Scheduled	2025-10-27 14:43	2025-10-27 14:43	Run
SSO	Scheduled	2025-10-21 16:35	2025-10-21 16:35	Run

c. Classic & Pro API Feeds



The screenshot shows the Discern Security vendor integration setup page for Jamf Pro. The left sidebar includes links for Executive Dashboard, Configuration Health, Coverage, Human Risk, Threat Exposure, MITRE D3FEND, MITRE ATT&CK, Vendor Integrations (selected), Uploads, Assets, Reports, No Code Studio, Agentic Studio (Beta), Compliance, Account, Support Portal, and Help and Support. The main content area shows a table of data feeds:

Name	Status	Last Run	Next Run	Actions
Computer Groups	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Computers	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Ldap Servers	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Mobile Device Applications	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Mobile Devices	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Os Configuration Profiles	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Patch Policies	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Patch Software Title Configurations	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Polices	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
SSO	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
User Groups	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Users	Scheduled	27 Oct 2025, 14:43	27 Oct 2025, 14:43	
Webhooks	Scheduled	27 Oct 2025, 14:43	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.



DISCERN SECURITY

- [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

[Back](#)



Jamf Pro
Unified Endpoint Management (UEM)

[Read documentation](#)

noel+taj@discernsecurity.com 

Integration Settings

Integration Name : Domain Name :

Client ID : Client Secret :

[Edit Integration](#) [Delete Integration](#)

Data Feeds

Name ↑↓	Status ↑↓	Last Run ↑↓	Next Run ↑↓	Actions
Computer Groups	Scheduled	--:--	27 Oct 2025, 14:43	
Patch Policies	Scheduled	--:--	27 Oct 2025, 14:43	
Patch Software Title Configurations	Scheduled	--:--	27 Oct 2025, 14:43	
SSO	Scheduled	--:--	21 Oct 2025, 16:35	

[Run All](#)