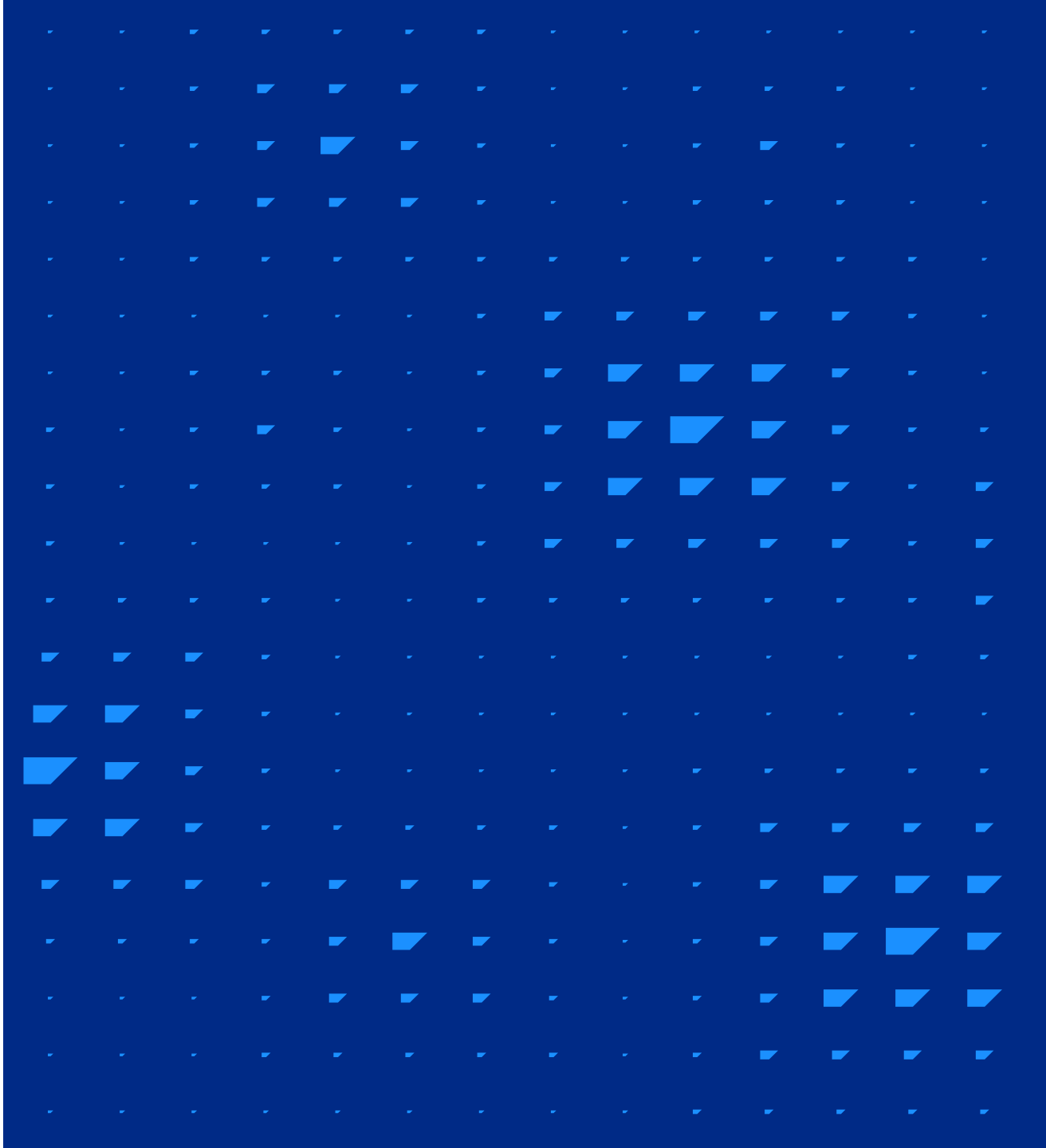


Crypto Asset Expiration and Upcoming Depreciation of Weak Ciphers

Andrew Neave, SAP
Michael Owens, SAP
May 26, 2026



Crypto Asset Expiration and Upcoming Deprecation of Weak Ciphers

Andrew Neave, SAP
Michael Owens, SAP
May 26, 2026

Agenda

- 01** **Crypto Asset Rotation Requirements**
What is changing and when

- 02** **Crypto Asset Messaging and Generation**
Messaging configuration, types, and frequency of messages

- 03** **Example: How to Add a Crypto Asset**
Learn how to add PGP Keys to your Fieldglass instance

- 04** **New Enforcement of Strong Encryption Standards**
Learn and prepare your business for stronger security standards

- 05** **Q&A**
Share your questions



Fieldglass Encryption Key Rotation Requirements

Key Rotation



June

- Starting June 1st, enforcement of key expiration dates will occur
- If keys are not updated by the time they expire, integration using these keys will stop functioning after 15 days
- Administrators will be notified when their keys are about to expire to help maintain business continuity
- **Newly autogenerated keys will conform to SAP Fieldglass security standards**
 - If also using Auto Rotate function, you will need to add the new public key to your internal systems to prevent service interruption

Which Assets will Auto Rotate?

| Asset Type | Auto Generate? | Auto Rotate? | Expiration | Info |
|---------------------------------|--|--------------|---|--|
| Symmetric Key (DEK) | Yes | Yes | 6 months – enforcement occurring on or after June 1st 2026 | FG Generated Key – Auto rotation occurs at expiration Customer Key – Key will expire and will need to be manually rotated |
| Pretty Good Privacy (PGP) Key | Yes | No* | 6 months – enforcement occurring on or after June 1st 2026 | *FG Generated Keys and Customer Keys will need to be manually rotated |
| Secure Shell (SSH) Key | Yes | Yes | 6 months – enforcement occurring in or after July 2026 | FG Generated Key – Auto rotation occurs at expiration Customer Key – Key will expire and will need to be manually rotated |
| Public Key Infrastructure (PKI) | Yes (AES-256 wrapped in 2048 bit RSA) | Yes | 6 months – enforcement occurring on or after September 1st 2026 | FG Generated Key – Auto rotation occurs at expiration Customer Key – Key will expire and will need to be manually rotated |

Messaging Configuration

Admin Configuration

Messaging List

[Enable Message](#) [Disable Message](#) 0 Items Selected

| <input type="checkbox"/> | Module | Action | Send t... | Done By |
|--------------------------|--|--------------------------------------|--------------------------------------|---------|
| <input type="checkbox"/> | Encryption Keys and Certificat... <input type="text" value="Encryption Keys and Certificat..."/> | All <input type="text" value="All"/> | All <input type="text" value="All"/> | All |
| <input type="checkbox"/> | Encryption Keys and Certificates | Asset Expiry Alert | Yes | Buyer |
| <input type="checkbox"/> | Encryption Keys and Certificates | Asset Rotation | Yes | Buyer |
| <input type="checkbox"/> | Encryption Keys and Certificates | Asset Expired | Yes | Buyer |
| <input type="checkbox"/> | Encryption Keys and Certificates | Asset Rotation Alert | Yes | Buyer |

Data as of 04:41 PM [Refresh](#) [Download List Data](#)

- Administrators, Configuration Managers, and Crypto Asset Managers will be able to configure messaging in the Admin Menu for the following notifications
 - Asset Expiry Alert
 - Asset Expired
 - Asset Rotation Alert
 - Asset Rotation
- A new recipient type, **Crypto Asset Manager**, will be available for configuration in Configuration Manager

Messaging Configuration – Crypto Asset Manager

[Email Notifications List](#)

Edit Email Notification Details

Asset Category*
PGP

Email Address(es)*
key.manager@yourcompany.com

The field is not PII protected. Do not use a personal email address as a list email address.
Multiple addresses must be separated with a comma(,).

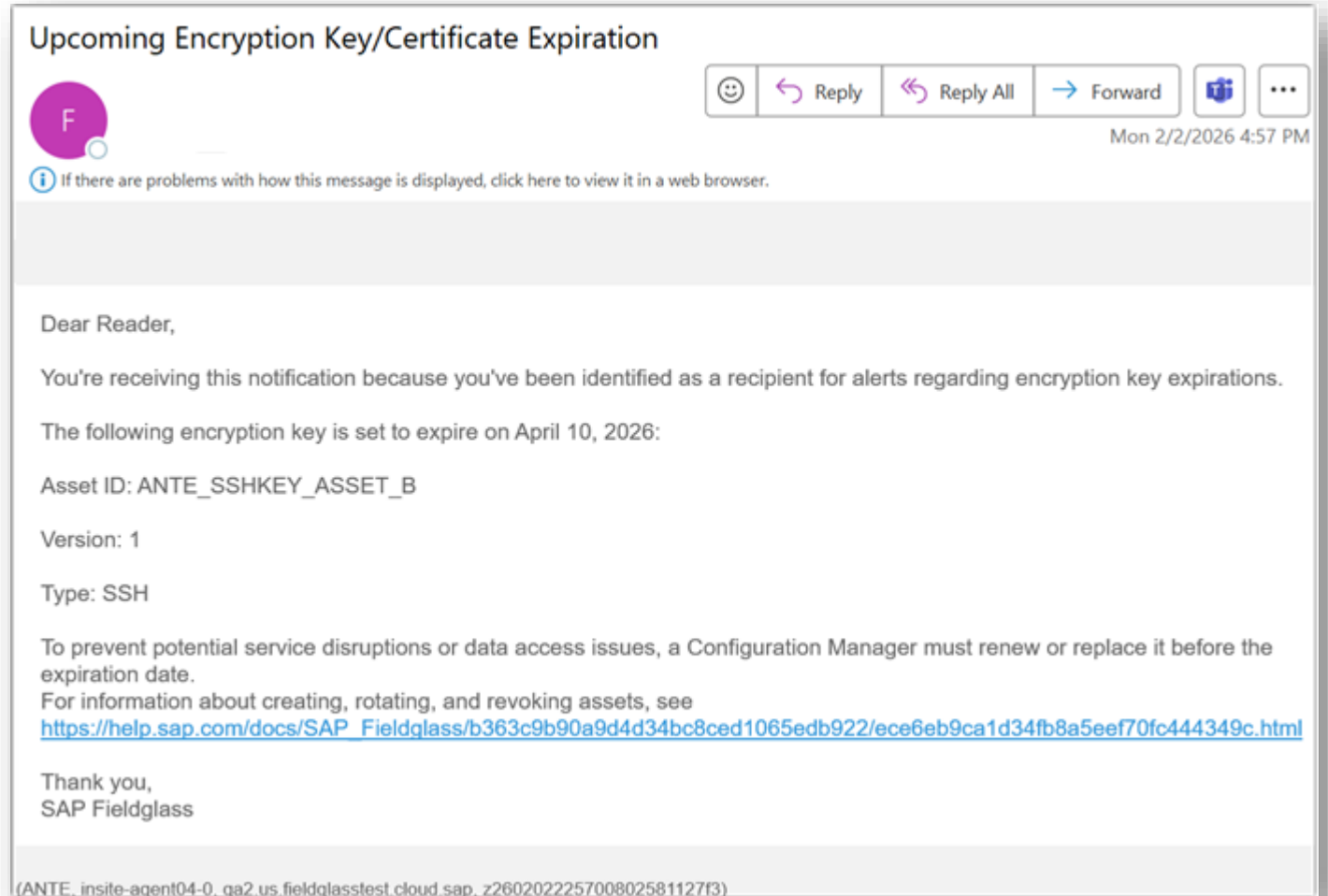
Notification Timing
90 days before asset expires

| Details | |
|---------------------------------|----------------------------------|
| User Type | Buyer |
| Recipient Type | Buyer |
| Module | Encryption Keys and Certificates |
| Action | Asset Expired |
| Send this Message? | Yes |
| Selected Recipients for Message | |
| User | Send Notification? |
| Administrator | Yes |
| Configuration Manager | Yes |
| Crypto Asset Manager | Yes |


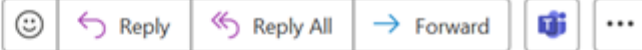
- Assets cannot be created until a Crypto Asset Manager email is defined for that key type
- After configuring the messages in the Admin Menu, Users with Configuration Manager access can then set the Crypto Asset Manager in the **Encryption Keys and Certificates** by clicking the **Manage Email Notifications** button
- The email entered in the **Config Manager > Manage Email Notifications** setting will receive the new notifications for the crypto assets

Key Expiration - Notifications


- Administrators, Configuration Managers, and Crypto Asset Managers will be notified by Fieldglass for expiring keys and keys that expired
- Notifications will occur every 90, 60, 30, 15 days and daily for the last seven days prior to the expiration date
- A banner is also displayed when logging into Fieldglass notifying users of upcoming expiring keys



Upcoming Encryption Key/Certificate Expiration

Mon 2/2/2026 4:57 PM

 If there are problems with how this message is displayed, click here to view it in a web browser.

Dear Reader,

You're receiving this notification because you've been identified as a recipient for alerts regarding encryption key expirations.

The following encryption key is set to expire on April 10, 2026:

Asset ID: ANTE_SSHKEY_ASSET_B

Version: 1

Type: SSH

To prevent potential service disruptions or data access issues, a Configuration Manager must renew or replace it before the expiration date.

For information about creating, rotating, and revoking assets, see https://help.sap.com/docs/SAP_Fieldglass/b363c9b90a9d4d34bc8ced1065edb922/ece6eb9ca1d34fb8a5eef70fc444349c.html


Thank you,
SAP Fieldglass


(ANTE.insite-agent04-0.qa2.us.fieldglasstest.cloud.sap.z260202225700802581127f3)

Auto Rotation - Notifications

- Administrators, Configuration Managers, and Crypto Asset Managers will be notified in advance before a key is auto rotated to ensure business continuity
- A confirmation message is also sent when the auto rotation is completed

Upcoming SSH Key Auto-Rotation on April 02, 2026 – Action Required

 👍 ↩ Reply ↩ Reply All ➔ Forward 📧 ⋮ Tue 2/3/2026 10:03 AM

 If there are problems with how this message is displayed, click here to view it in a web browser.

Dear Reader,

You're receiving this notification because you've been identified as a recipient for alerts regarding SSH key rotation.

The following SSH key is set to be automatically rotated on April 02, 2026:

Asset ID: ANTE_SSHKEY_ASSET_B
Version: 2
Type: SSH

What this means for you:

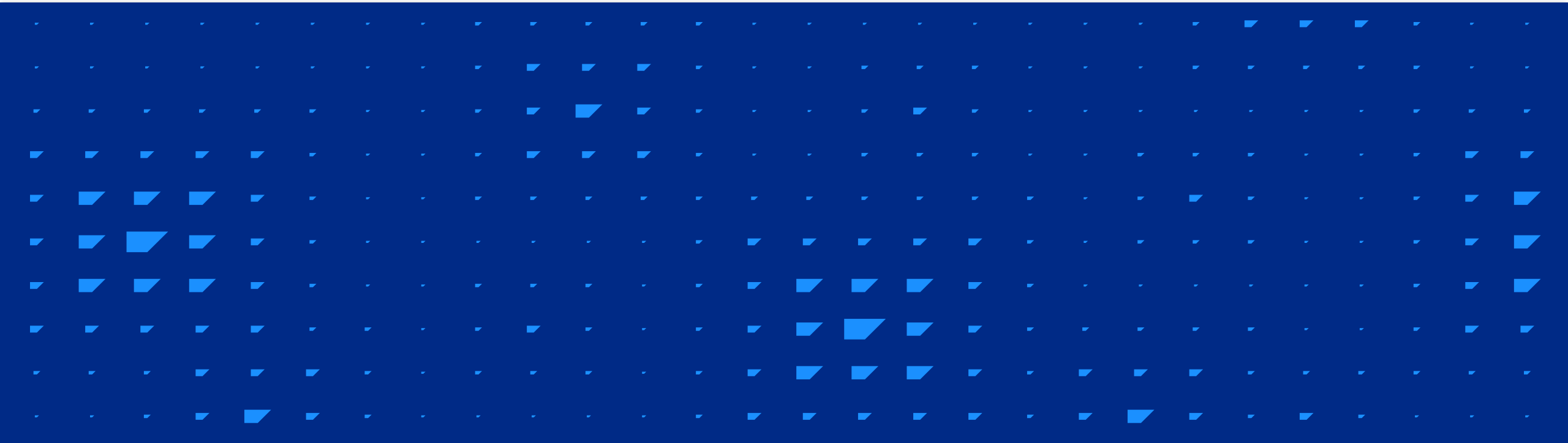
- A new SSH key will be generated in SAP Fieldglass during the rotation process.
- Your Configuration Manager must update all SAP Fieldglass endpoints and any customer-managed SFTP servers that currently use the existing key to the newly generated key after rotation.

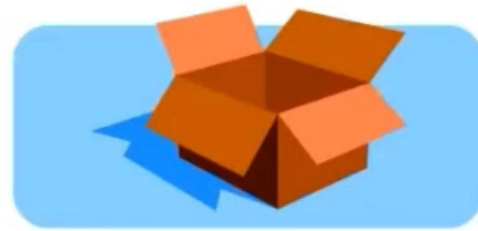
Please ensure these updates are completed promptly to avoid any disruption in connectivity or automation workflows.

For information about creating, rotating, and revoking assets, see https://help.sap.com/docs/SAP_Fieldglass/b363c9b90a9d4d34bc8ced1065edb922/ece6eb9ca1d34fb8a5eef70fc444349c.html

Thank you,
SAP Fieldglass

Demo – How to Add New Keys in SAP Fieldglass





There's no data

Recently Viewed

Encryption Keys and Certificates

Configuration Tools

Category

Allowed IP Addresses

Restrict access to the application by setting up a list of allowed IP addresses.

Actions

API Application Keys

Generate and manage license keys and users for API applications.

Integration Tools

API Monitor

View all API requests made by the company.

Analytics

App Activity Subscriptions

Manage subscriptions to application activities.

Publish/Subscribe Framework

BTP Business Rules Payload

Business Rules

Business Rules Payload Configuration

Company Configuration



Hi, Fieldglass!

Welcome to the Self-Service Dashboard.

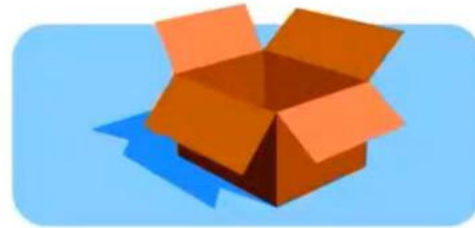
Connector Catalog

New ▾

Integration Activity

Time Frame

Last 24 Hours ▾



There's no data

Recently Viewed

Encryption Keys and Certificates

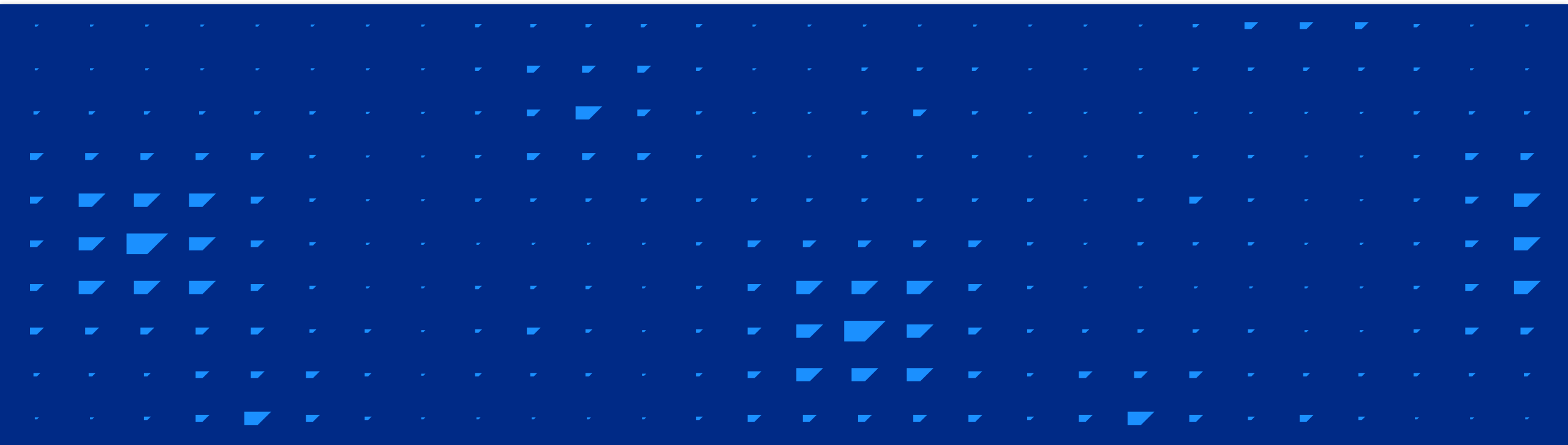
Configuration Tools

Category

All ▾



New Enforcement of Strong Encryption Standards



New Requirements for Key Strength



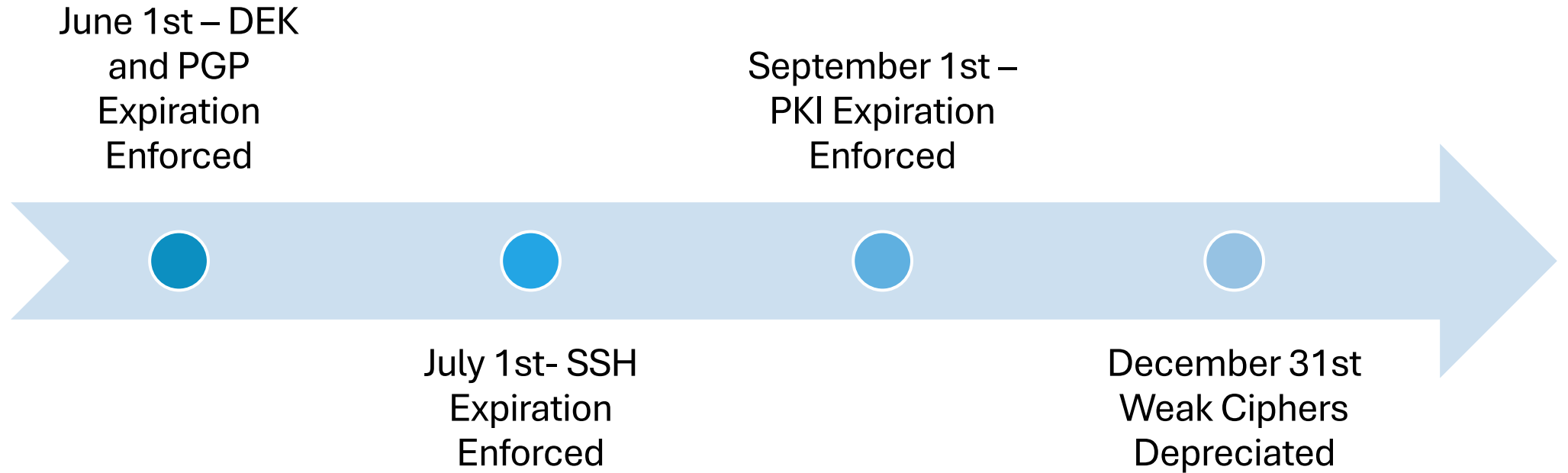
December

- Beginning on December 31st, 2026 weak keys meeting the following conditions will no longer be supported
 - CAST 128-bit encryption
 - An RSA key size below 2048-bit
- Customer-generated weak keys that meet these conditions will continue to be supported until December 31st, 2026, through manual generation only

Next Steps

- Verify your internal systems and integrations can support these stronger encryption standards before SAP Fieldglass enforces key expiration starting on June 1st
 - If your systems and integrations currently do not support the stronger encryption standard, you can continue to use your own weak keys until December 31st, 2026
- Be prepared to stop using CAST 128-bit encryption and or RSA keys with sizes below 2048-bit by December 2026

Timeline



Thank you.

Andrew Neave
Michael Owens
SAP Fieldglass

