

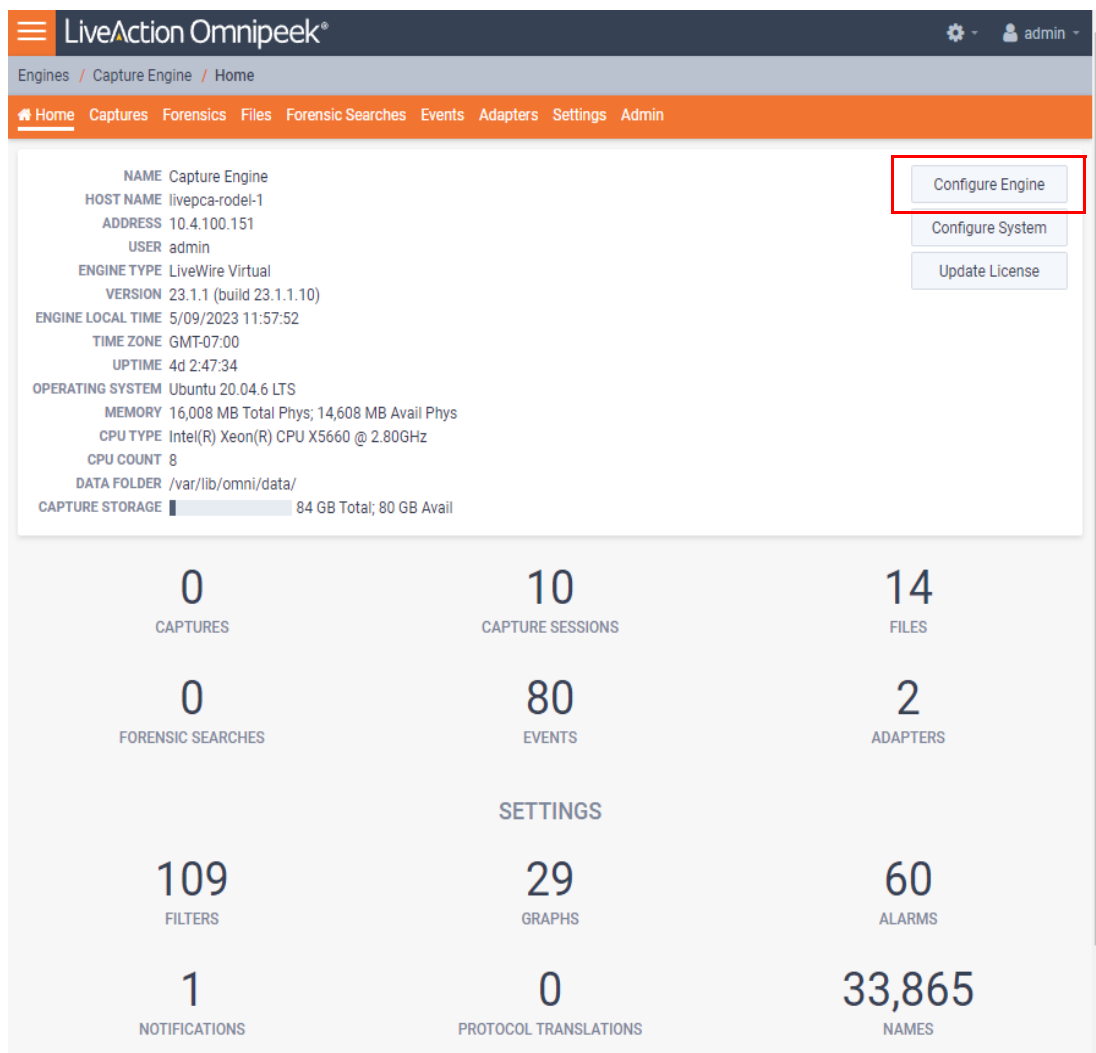
LiveWire Omnipeek Two-Factor Authentication (2FA)

LiveWire Omnipeek supports Two-Factor Authentication (2FA). You must first enable two-factor authentication in LiveWire Omnipeek, and then use an authenticator app (Google Authenticator, Microsoft Authenticator, Authy, Authy Desktop, 1Password, and more) to obtain a two-factor authenticator code to log into Omnipeek.

Enabling 2FA in LiveWire Omnipeek

In LiveWire Omnipeek, you enable 2FA via the *Configure Engine* window.

1. From the Omnipeek *Home* screen, click **Configure Engine**.



The screenshot shows the LiveAction Omnipeek Home screen. The top navigation bar includes 'Home', 'Captures', 'Forensics', 'Files', 'Forensic Searches', 'Events', 'Adapters', 'Settings', and 'Admin'. The main content area displays system information for the 'Capture Engine' and a dashboard of statistics. The 'Configure Engine' button is highlighted with a red box.

NAME	Value
NAME	Capture Engine
HOST NAME	livepca-rodell-1
ADDRESS	10.4.100.151
USER	admin
ENGINE TYPE	LiveWire Virtual
VERSION	23.1.1 (build 23.1.1.10)
ENGINE LOCAL TIME	5/09/2023 11:57:52
TIME ZONE	GMT-07:00
UPTIME	4d 2:47:34
OPERATING SYSTEM	Ubuntu 20.04.6 LTS
MEMORY	16,008 MB Total Phys; 14,608 MB Avail Phys
CPU TYPE	Intel(R) Xeon(R) CPU X5660 @ 2.80GHz
CPU COUNT	8
DATA FOLDER	/var/lib/omni/data/
CAPTURE STORAGE	84 GB Total; 80 GB Avail

Category	Count
CAPTURES	0
CAPTURE SESSIONS	10
FILES	14
FORENSIC SEARCHES	0
EVENTS	80
ADAPTERS	2
SETTINGS	
FILTERS	109
GRAPHS	29
ALARMS	60
NOTIFICATIONS	1
PROTOCOL TRANSLATIONS	0
NAMES	33,865

2. Select *Enable two-factor authentication* and click **Apply**.

LiveAction Omnipeek®

Engines / Capture Engine / Configure

Home Captures Forensics Files Forensic Searches Events Adapters Settings Admin

Engine API Tokens

ENGINE

General

NAME: Capture Engine

IP ADDRESS: Any address
Choose the IP address used with Omnipeek

PORT: 6367

MAX CONNECTIONS: 100

Enable auto discovery

Automatically restart captures

DATA FOLDER: /var/lib/omni/data/ Browse

LOG MAX: 200000

LOG ADJUST: 100000

Security

Enable OS authentication only

Enable third-party authentication

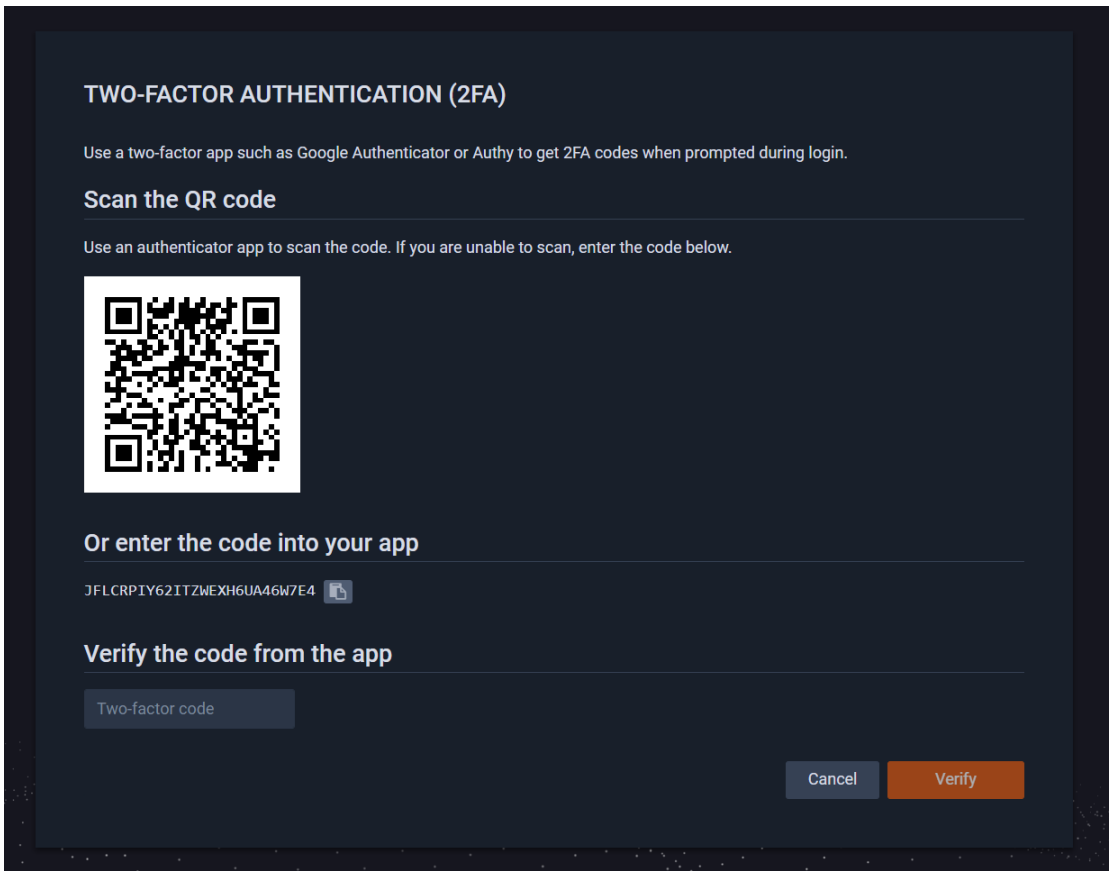
Enable two-factor authentication

Send audit log messages to syslog

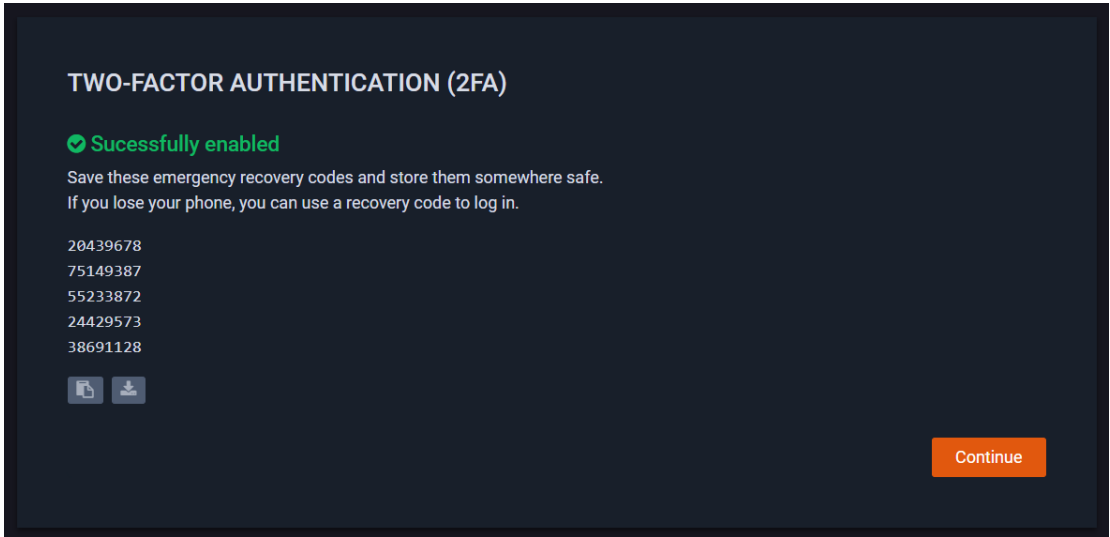
Close

Important! Two-factor authentication applies to all users and all authentication methods. If 2FA is enabled, all users will need to set up 2FA for their own account the next time they log in. If 2FA is disabled, 2FA configuration is removed for all users and they will no longer need to enter a 2FA code the next time they log in. If 2FA is then re-enabled, all users will need to set up 2FA again.

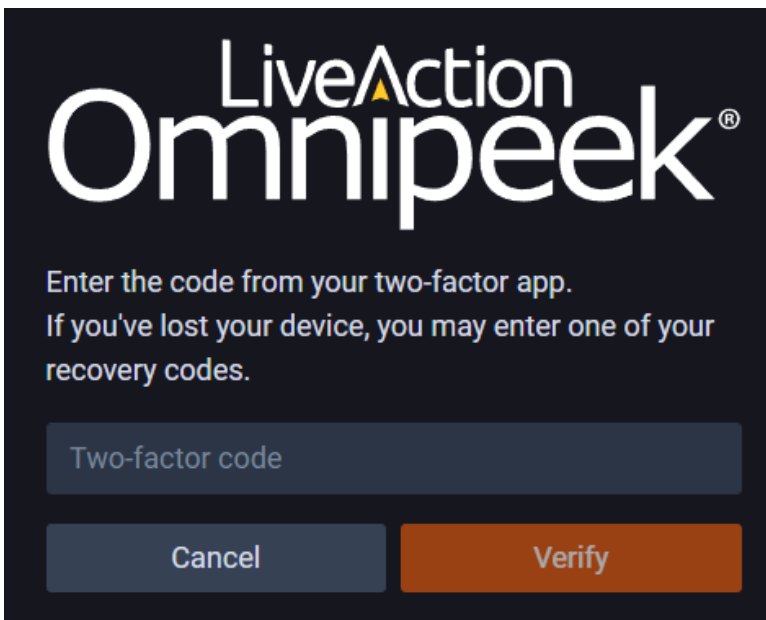
3. After enabling 2FA, the following 2FA setup screen is displayed after you enter your username and password for the first time. An authenticator app is needed to generate codes: Google Authenticator, Microsoft Authenticator, Authy, Authy Desktop, 1Password, and more. Most of these apps are able to scan the QR code, or you can enter the code manually.



- 4. After verifying with a correct code from an authenticator app, the 'Sucessfully enabled' screen is displayed along with emergency recovery codes (provided in case your phone or authenticator app settings are lost). Store these emergency recovery codes in a safe place.



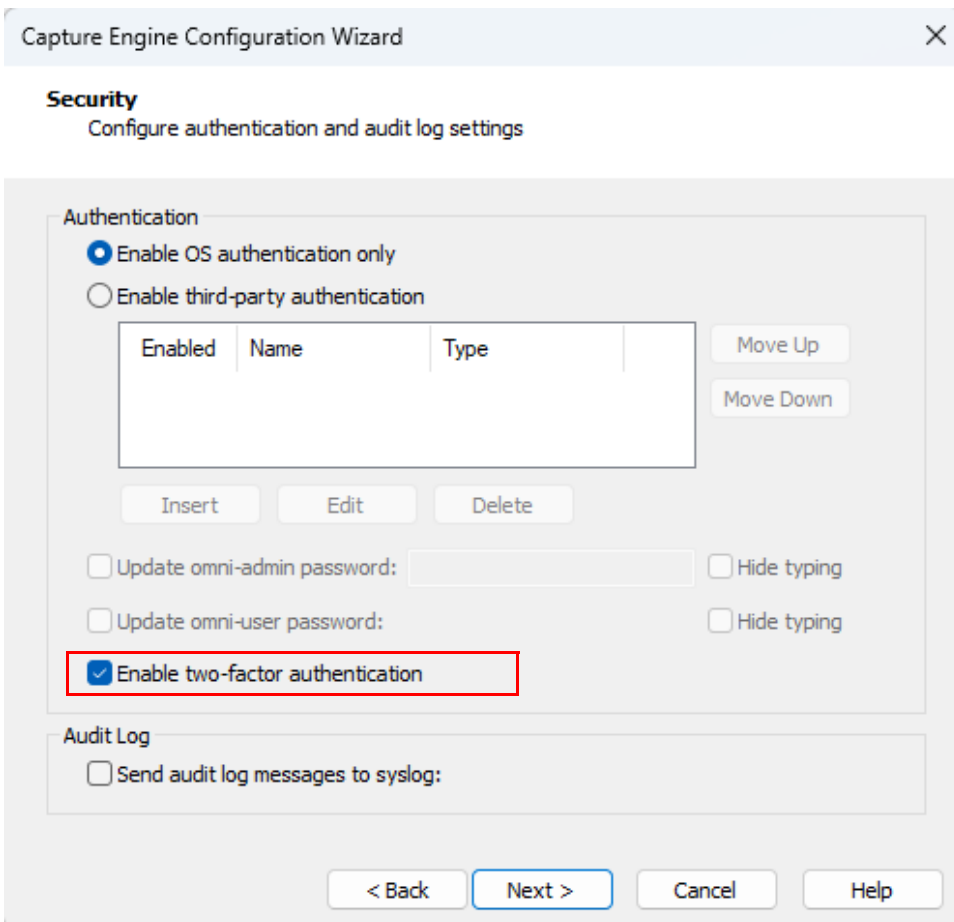
- 5. At the next login, a 2FA code will be required after entering your username and password.



6. Enter the two-factor code without any spaces, and click **Verify**.

Windows Support

2FA settings can be enabled or disabled in Windows via the *Capture Engine Configuration Wizard*; however, the first-time user setup must be completed via LiveWire Omnippeek, as described in [Enabling 2FA in LiveWire Omnippeek](#) on page 1.



Windows Login

To connect to LiveWire via Omnipeek Windows or the Capture Engine Manager, you must append the 2FA two-factor code to the password at the login dialog. There is no separate interface to enter the two-factor code.

Connect

Engine

Host: 10.4.100.151

Port: 6367

Credentials

Domain:

Username: admin

Password: ●●●●●●●●

Save my password

Connect Cancel Help