Forcepoint

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Release Notes for Forcepoint F1E v24.11

Use these Release Notes to learn what's new and improved in this Forcepoint F1E release. For more information about this release, see:

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About this release

This document contains important information about this release of Forcepoint F1E. We strongly recommend that you read the entire document to understand the scope of the release.

Compatibility

The build number of Forcepoint F1E Package Builder is 24.11.5696.

The F1E products and versions supported in Forcepoint F1E v24.11 release

Operating System (OS)	F1E Products	Version	Build Number
Windows	Forcepoint DLP Endpoint	Forcepoint DLP v8.9.x or later	24.11.5696
	Forcepoint Web Security Proxy Connect Endpoint	Forcepoint Web Security v8.5.4 or later	
	Forcepoint Web Security Direct Connect Endpoint	Forcepoint Web Security v8.5.4 or later	
	Remote Filtering Client	Forcepoint URL Filtering v8.5.4 or later	
	Forcepoint Endpoint Context Agent	Forcepoint Next Generation Firewall v6.10 or later	
Mac	Forcepoint DLP Endpoint	Forcepoint DLP v8.9.x or later	24.11.0448

Support for latest browsers and operating systems

Browsers and operating systems are tested with existing versions of endpoint solutions when they become available. For a full list of supported browsers and operating systems for each endpoint version, see the Certified Product Matrix.

New features in this release

This version brings the following new capabilities:

- macOS Sequoia support for Web Security (PC/DC).
- macOS Sequoia support for on-premise DLP.
- Following Inline proxy improvements are included:
    - The **Custom Configuration** feature, will allow administrators to broaden the existing configuration capabilities for the inline proxy in endpoint profiles. This requires Forcepoint Security Manager (FSM) 10.3 or newer.
    The **Custom Configuration** tab will appear in the **Endpoint Profile** view of a selected profile in FSM.

        > **Note**
        >
        > Knowledge base articles will be available in the future explaining how to use this feature.

    - You can bulk add domain URLs to the SSL and JS injection bypass lists. This version also supports a larger number of URLs. This requires Forcepoint Security Manager (FSM) 10.3 or newer.
    This feature can save time and improve efficiency by allowing the import of multiple domains at once. To support this, the URL limit has been increased. Also, a search function will be available to help find and add specific URLs.

        For more information, see the *Excluding domains for JavaScript Injection* and *Adding domains to the SSL bypass list* sections in *End User's Guide for Forcepoint F1E*.
    - Support for F1E DLP in inline proxy mode, with third party solutions setting the system Proxy, including the Netskope Agent.

Installing and upgrading Forcepoint F1E

Installing Forcepoint F1E

For information about using the package builder, installing Forcepoint F1E agents, or uninstalling Forcepoint F1E agents, see the Installation and Deployment Guide for Forcepoint F1E.

Restarting an endpoint machine after an install or uninstall

When you install or uninstall Forcepoint F1E agents on your endpoint machines, you might need to restart the endpoint machine to complete the install or uninstall. The following table shows the scenarios where a restart is required when you install or uninstall the v24.11 agent.

Forcepoint F1E agent	Restart required?
Forcepoint DLP Endpoint (Windows)	■ **Install**: Yes ■ **Uninstall**: Yes
Forcepoint DLP Endpoint (Mac)	■ **Install**: No, but an account sign out is required. ■ **Uninstall**: No
Forcepoint Web Security Proxy Connect Endpoint (Windows)	■ **Install**: No ■ **Uninstall**: No
Forcepoint Web Security Proxy Connect Endpoint (Mac)	■ **Install**: No, but an account sign out is required. ■ **Uninstall**: No
Forcepoint Web Security Direct Connect Endpoint (Windows)	■ **Install**: No ■ **Uninstall**: No
Forcepoint Web Security Direct Connect Endpoint (Mac)	■ **Install**: No, but an account sign out is required. ■ **Uninstall**: No
Forcepoint ECA (Windows)	■ **Install**: No ■ **Uninstall**: No

Upgrading Forcepoint F1E

For information about upgrading Forcepoint F1E, see the Upgrade Guide for Forcepoint F1E.

You do not need to uninstall earlier Forcepoint F1E versions before installing v24.11 if you are upgrading from the following versions:

■ Forcepoint DLP Endpoint v22.06, v22.12, v23.04, v23.11, v24.04, or v24.07
■ Forcepoint Web Security Endpoint v22.06, v22.12, v23.04, v23.11, v24.04, or v24.07
■ Forcepoint ECA v22.06, v22.12, v23.04, v23.11, v24.04 or v24.07

Restarting the endpoint machine after an upgrade

When you upgrade Forcepoint F1E agents on your endpoint machines, you might need to restart the endpoint machine to complete the upgrade. The following table shows the scenarios where a restart is required when you upgrade from an earlier version of the agent to the v24.11 agent.

Upgrade from	Restart Required?
Forcepoint DLP Endpoint (Windows)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	Yes
Forcepoint DLP Endpoint (Mac)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	No, But an account sign out is required.
Forcepoint Proxy Connect Endpoint (Windows)	

Upgrade from	Restart Required?
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	Yes
Forcepoint Proxy Connect Endpoint (Mac)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	No
Forcepoint Direct Connect Endpoint (Windows)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	Yes
Forcepoint Direct Connect Endpoint (Mac)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	No
Forcepoint ECA (Windows only)	
v22.06 v22.12 v23.04 v23.11 v24.04 v24.07	No

Using Forcepoint F1E

For information about using the Forcepoint F1E software, see End User's Guide for Forcepoint F1E.

Updating your Forcepoint DLP Endpoint message templates

If you use a custom message XML file, you need to add your custom XML file to your installation:

- You can add the custom XML file to the package builder before you create your installation packages. For more information, see the Replacing the Message XML in the Forcepoint Endpoint All-in-One Package Builder Knowledge Base article.

- You can install the custom XML file on the Forcepoint DLP server. For more information, see the "Install the new XML file" section in the Customizing Forcepoint DLP Endpoint client messages Knowledge Base article.

If you have deployed Forcepoint DLP Endpoint v19.06 or later and do not see the new messages for the confirmation dialog box (added in v19.06) or message 10010047 (added in v20.09), you might need to replace the default message template. For more information, see the Updating Confirmation Dialog message files in Forcepoint F1E Knowledge Base article.

Enabling full disk access on macOS

When you install or upgrade Forcepoint DLP Endpoint on an endpoint machine running macOS 11.6 - 11.7.9 (Big Sur), macOS 12.0 - 12.7 (Monterey), macOS 13.0 - 13.6.2 (Ventura), and macOS 14.0 - 14.3.1 (Sonoma), you must enable full disk access (FDA) for the following processes:

- Library/Application Support/Websense Endpoint/DLP/ESDaemonBundle.app
- Library/Application Support/Websense Endpoint/DLP/Websense Endpoint Helper.app
- Library/Application Support/Websense Endpoint/DLP/wsdlpd
- Library/Application Support/Websense Endpoint/EPClassifier/EndPointClassifier

If you are installing Forcepoint DLP Endpoint manually on an endpoint machine, the installation prompts you to enable FDA. See the procedure in the Installation and Deployment Guide for Forcepoint F1E.

For more information about enabling FDA using Jamf, see the Deploying F1E DLP Endpoints on macOS Environments via Jamf Profile Knowledge Base article.

Installing Forcepoint F1E agents and Neo together on an endpoint machine

If you are working with multiple agent installation, refer to the Forcepoint Agent Compatibility Knowledge Base article.

Resolved and known issues

This section lists the resolved and known issues.

Resolved Issues for v24.11

Forcepoint DLP Endpoint (Windows)	UEP-76876	Fixed an issue with the inline proxy that was preventing WhatsApp web page loading on some systems.
	UEP-74863	Resolved an issue where multiple incidents were created on performing permit action in websites.
	UEP-78903	Resolved a scenario where a BSOD could occur when a file is moved to a USB and encrypted using a profile key on one device and edited on a different device with a permit (audit) action is triggered.
	UEP-75711	Resolved an issue where the inline proxy would not start correctly if the agent was installed in a custom location.
Forcepoint DLP Endpoint (Mac)	No issues were resolved in this release of Forcepoint DLP Endpoint for Mac machines.	
Forcepoint DLP Endpoint (Windows and Mac)	No issues were resolved in this release of Forcepoint DLP Endpoint for Windows and Mac machines.	
Forcepoint Web Security Endpoint (Windows)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Windows machines.	
Forcepoint Web Security Endpoint (Mac)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Mac machines.	
Forcepoint Endpoint Context Agent (Windows)	No issues were resolved in this release of Forcepoint Endpoint Context Agent for Windows machines.	
Forcepoint One Endpoint package builder	No issues were resolved in this release of Forcepoint One Endpoint package builder.	

Resolved Issues for v24.07

Forcepoint DLP Endpoint (Windows)	UEP-76945	Resolved an issue where sites that were added to the JavaScript injection bypass list were not loading correctly.
	UEP-76097	Now, the Firefox Proxy and PAC settings are no longer locked.
	UEP-75822	Resolved an issue where `fpneonetworksvc.exe` crashed.
	UEP-77155	Resolved an issue where the agent was setting a registry value for Chrome that caused other Chrome extension to be unloaded in certain circumstances.
	UEP-76876	Resolved an issue with the inline proxy that was preventing WhatsApp web page loading on some systems.
	UEP-76914	Resolved an issue where users could uninstall the agent without providing the anti-tampering password.
	UEP-76447	Resolved an issue where the F1E endpoint icon disappeared from the system tray after the first shutdown when RDP Services were not running.
	UEP-77146	Resolved an issue where Outlook crashed in F1E 24.04 when sending email to a distribution list with hidden recipients.
	UEP-76886	Now, F1E DLP blocks the data pasted in the DingTalk application.
	UEP-76274	Resolved an issue where users with DLP endpoint on Windows machines experienced Blue Screen of Death (BSOD) errors due to `cwnep.sys`.
	UEP-78059	Resolved an issue where a lot of `.tmp.QIPT` and `.tmp.WEFS` were getting accumulated in the endpoint machine at `C:\Windows\Temp` and these were not getting deleted automatically.
	UEP-76287	Now, the URLs load correctly.

	UEP-75817	Resolved an issue where customers encountered Secure/ Multipurpose internet Mail Extensions (S/MIME) error in outlook when replying to an existing conversation.
	UEP-76069	Now, Google and Bing searches on the address bar loads after installing F1E 23.11 endpoint with Inline proxy.
	UEP-76482	Resolved an issue where Blue Screen of Death (BSOD) errors occurred due to WsNetFlt.sys with the 23.04 endpoint, potentially caused by a conflict with a third-party application.
Forcepoint DLP Endpoint (Mac)	UEP-76407	Resolved an issue where the Firefox PAC setting got locked on MacOS in browser extension mode.
	UEP-76313	Resolved an issue where the default domain configured in the Endpoint package was not getting applied after installation.
	UEP-76332	Resolved an issue where applications were hanging and not launching in the MAC machines.
Forcepoint DLP Endpoint (Windows and Mac)	No issues were resolved in this release of Forcepoint DLP Endpoint for Windows and Mac machines.	
Forcepoint Web Security Endpoint (Windows)	UEP-75529	Resolved an issue where Firefox was not opening in DLP+DCEP mode.
	UEP-76482	Resolved an issue where users with PCEP 23.04 endpoint on Windows machines experienced Blue Screen of Death (BSOD) errors due to `WsNetFlt.sys`.
Forcepoint Web Security Endpoint (Mac)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Mac machines.	
Forcepoint Endpoint Context Agent (Windows)	UEP-77262	The updated `ssleca` lib files for Windows 32 and Windows x64 are now bundled with F1E.
Forcepoint One Endpoint package builder	No issues were resolved in this release of Forcepoint One Endpoint package builder.	

Resolved Issues for v24.04

Forcepoint DLP Endpoint (Windows)	UEP-76064	Resolved an issue where the memory usage of `fpneonetworksvc.exe` increased excessively during web file uploads, leading to machine crashes.
	UEP-75815	Resolved an issue where multiple problems occurred when a user copied the `MSTSC.exe` file from the desktop to another server or machine's RDP.
	UEP-75101	Microsoft Edge now loads after the machine with DLP endpoint installed comes out of sleep mode.
	UEP-75383	Resolved an issue where multiple incidents were created on performing permit action, and confirming pop up text in JSInjected websites.
	UEP-74802	Resolved an issue where pasting more than ten keywords into WebEx Chat created multiple duplicate incidents.
	UEP-75822	Resolved the `fpneonetworksvc.exe` crash issue.
	UEP - 76027	User can now open the DLP notification mail as the attachment appears in correct format.
	UEP-75107	Users can now open multiple PDF files from a network path with a long path.
	UEP-75992	When the endpoint is set to monitor mode, the Confirm dialog no longer appears, allowing the transaction.
	UEP-75484	After uninstalling F1E DLP, the Websense Endpoint folder is no longer left behind.
	UEP-75118	F1E User Interface now supports High Contrast mode.
	UEP-74863	Resolved an issue where multiple incidents were created on performing permit action in websites.
	UEP-75041	Resolved an issue where `Wepsvc.exe` crashed in every few minutes.

	UEP-76914	Resolved an issue where users could uninstall the agent without providing the anti-tampering password.
	UEP-74547	Resolved an issue where Endpoint printing was mixing up files between users in a VDI environment.
	UEP-75046	Resolved an issue where the software was unable to analyze the content of attached emails. This limitation occurs because, while regular file attachments are processed as expected, attached emails (including binary .msg files) cannot currently be analysed by the software.
	UEP-74014, UEP-74073, UEP-74940	Resolved an issue where BSOD occurred due to `Cwnep.sys` with 22.12 endpoint.
Forcepoint DLP Endpoint (Mac)	UEP-75696	Resolved an issue where USB device storage exceptions were not functioning as expected on MAC.
	UEP-75681	Now, the Forcepoint log folder is not left behind after uninstallation.
	UEP-73274	`web.telegram.org/k` has been now added to the JavaScipt injection exclude list so that file upload is not blocked.
Forcepoint Web Security Endpoint (Windows)	UEP-75986	Resolved an issue where users with PCEP 23.10 endpoint on Windows machines experienced Blue Screen of Death (BSOD) errors.
	UEP-76291	Resolved an issue where Firefox took several minutes to launch with F1E DCEP running.
	UEP-75529	Resolved an issue where Firefox was not opening in DLP+DCEP mode.
	UEP-72553	Resolved an issue where, when IPv6 was enabled, requests to authenticate for VSCode client build compilation failed 1 out of 10 times.
	UEP-75108	Resolved an issue where internet was not working with F1E PCEP for hybrid customer tenant.

Forcepoint Web Security Endpoint (Mac)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Mac machines.	
Forcepoint Endpoint Context Agent (Windows)	No issues were resolved in this release of Forcepoint Endpoint Context Agent for Windows machines.	
Forcepoint One Endpoint package builder	No issues were resolved in this release of Forcepoint One Endpoint package builder.	

Resolved Issues for v23.11

Forcepoint DLP Endpoint (Windows)	UEP-74998	File contents of ZIP/PPTX data type are now getting detected with the v23.04 agent over the Endpoint Email channel.
	UEP-74549	Resolved an issue where the DLP Endpoint Email channel failed to detect any excel file whose size exceeded 1 MB.
	UEP-73642	The `Dserui.exe` and `ProxyUI.exe` processes of `F1EUI.exe` are now being protected by antitampering.
	UEP-74616, UEP-74496	Resolved an issue where the Confirmation Coaching Dialog box did not include any missing violated content whenever the user upgraded from v22.12 to v23.04.
	UEP-73314	The session number on Azure Virtual Desktop now reflects the correct value of active azure desktop users who logged in.
	UEP-74672	Resolved an issue where the NEP advanced exclusions stopped working in v23.04.
	UEP-74799	Resolved an issue where after installing F1E DLP and restarting machine, the event logs displayed few services crashing and restarting.
	UEP-74715	When a user upgrades to v23.04, the `Wepsvc.exe` file of Enabling Endpoint Bypass feature no longer crashes.

	UEP-74986	Resolved an issue where the web traffic gets blocked when the user installs F1E DLP v23.04 and enables inline proxy mode.
	UEP-74876	When Remote Desktop Services is disabled on Windows 11, the endpoint no longer causes performance issues with certain applications and the tray icon no longer disappears.
	UEP-75041	Resolved an issue where the `wepsvc.exe` file kept on crashing every few minutes after the user upgraded to Endpoint v23.04
	UEP-74717	Forcepoint F1E Inline Proxy no longer removes Window's proxy setting script after the service restarts and waits to get its correct configuration from the Forcepoint Security Manager (FSM).
	UEP-73489	Removed the support of 32-bit installer creation using the package builder, since it's no longer supported.
	UEP-74548	SSL bypass list character limit on the Endpoint is now fixed.
	UEP-74997	The PDF printing feature from Chrome browser now blocks all sensitive text when in Inline Proxy mode.
	UEP-75117	Resolved an issue where cut, copy and paste actions were not detected and blocked in Firefox browser.
	UEP-75110	The BSOD error no longer appears after installing the Endpoint Agent while running with Policy PAK software.
	UEP-74718	Resolved an issue where Endpoint LAN exclusions were not working as expected in v23.04.
Forcepoint DLP Endpoint (Mac)	UEP-74667, UEP-74669	Apple Mail Plugin is now compatible with macOS Ventura 13.4 (M1).
	UEP-75023	Resolved an issue where the Apple Mail Plugin was non compatible with macOS Ventura 13.5.
	UEP-74395	EPC and DLP no longer crashes on macOS 13.1 Ventura.

	UEP-74878	Resolved an issue where the internet access got blocked after installing Mac Endpoint Client IB v23.04.
	UEP-74383	Resolved an issue where the macOS network extension for Inline Proxy did not redirect to local host, by adding support for Zscalar compatibility.
	UEP-73290	Incidents on Mac Safari are now getting reported for the sensitive key phrases in the message body of Gmail.
	UEP-75272	Resolved an issue where some apps were not launching from Finder/Dock after a prolonged period of time.
	UEP-74877	F1E DLP 23.04 enables inline proxy if endpoint is disconnected when rebooting after install. This issue is fixed now.
	UEP-74978	Resolved an issue where hooking on email, network and removable media channels was not working as expected on customer environment except with Safari.
Forcepoint Web Security Endpoint (Windows)	UEP-74325	Resolved an issue where the F1E DCEP experienced intermittent service crashes, by improving memory mapping in DCEP.
	UEP-73428	Resolved an issue where users were unable to log into Citrix while connected to VPN with F1E DCEP 22.10 in an IPv6 environment.
	UEP-75103	Accented characters are now getting detected via extension in Firefox browser.
	UEP-72553	Resolved an issue where when enabling IPv6, requests to authenticate for VSCode client build compilation failed 1 out of 10 times.
Forcepoint Web Security Endpoint (Mac)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Mac machines.	
Forcepoint Endpoint Context Agent (Windows)	No issues were resolved in this release of Forcepoint Endpoint Context Agent for Windows machines.	

Forcepoint CASB Endpoint (Windows)	No issues were resolved in this release of Forcepoint CASB Endpoint for Windows machines.	
Forcepoint One Endpoint package builder	No issues were resolved in this release of Forcepoint One Endpoint package builder.	

Resolved Issues for v23.04

Forcepoint DLP Endpoint (Windows)	UEP-71230	Windows DLP Contained files stored in %TEMP% are now automatically deleted.
	UEP-72222	EP Email doesn't get blocked anymore when the sensitive content is removed from the email.
	UEP-71592	File now gets scanned whenever it gets accessed via a modal dialog.
	UEP-73431	Product Code in setup.ini now matches with the product code present on the Endpoint.
	UEP-73560	`DLPOfficeAddin.xml` gets correctly validated now when it is uploaded to O365.
	UEP-72854	Customer custom application is now working when DLP Agent is installed, and Anti Tampering is enabled.
	UEP-72356	When a file gets encrypted on USB and is deleted, it no longer gets saved in USB Drive Recycle bin in plain text.
	UEP-72369	Serial number now gets reported correctly for SanDisk Extreme USM mass storage device.
	UEP-72323	Source file path details are now reported correctly in the incident for removable media channel.
Forcepoint DLP Endpoint (Mac)	UEP-73005	User interaction is no longer required for uninstalling Forcepoint Neo NE App.
Forcepoint Web Security Endpoint (Windows)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Windows machines.	

Forcepoint Web Security Endpoint (Mac)	No issues were resolved in this release of Forcepoint Web Security Endpoint for Mac machines.	
Forcepoint Endpoint Context Agent (Windows)	No issues were resolved in this release of Forcepoint Endpoint Context Agent for Windows machines.	
Forcepoint CASB Endpoint (Windows)	No issues were resolved in this release of Forcepoint CASB Endpoint for Windows machines.	
Forcepoint One Endpoint package builder	No issues were resolved in this release of Forcepoint One Endpoint package builder.	

Known Issues

Forcepoint DLP Endpoint (Windows)	UEP-79096	When the encrypt message option is selected in the security settings, emails are blocked and not sent, even if they do not contain sensitive keywords.
	UEP-81023	On Windows 11 only, printing is not consistently blocked on the print channel via the browser.
	UEP-78723	The inline Proxy does not function on VDI environments unless the Forcepoint Network Proxy service is set to automatically run.
	UEP-76064	The memory usage of the process `fpneonetworksvc.exe` can significantly increase during web file uploads, potentially leading to system crashes that may require a machine restart.

	UEP-74980	When installing F1E on Windows Server 2022, the installation may get interrupted if the Windows Installer RDS Compatability state is not set to **Enabled**. This setting is found under **Computer Configuration** > **Administrative Templates** > **Windows Components** > **Remote Desktop Services** > **Remote Desktop Session Host** > **Application Compatibility**. When this policy is set to **Enabled**, the F1E installation will run without interruption.
	UEP-69796	In some cases, elevation prompts are shown when copying a file to a USB drive. After unplugging and reconnecting the USB, copying the same file again triggers the elevation prompt.
Forcepoint DLP Endpoint (Windows and Mac)	UEP-81073	After removing the third party PAC from the FSM Free-form configuration (FSM 10.3 or newer), users can experience website access issues with a 'connection failed' error caused by caching of the PAC. A system restart resolved the issue.
Forcepoint Web Security Endpoint (Windows)	UEP-75953	After upgrading to v23.04, the customer encounters an issue where the diagnostics tool displays a failed status for the 'Download profile for cloud' step for non-admin users.
Forcepoint Web Security Endpoint (Mac)	UEP-80964	The tray icon does not disappear as expected when the service is stopped.
	UEP-81339	There is an issue, where the settings configured in the FSM with the inline proxy enabled e.g. Set System Proxy are still getting applied even when the mode is set back to browser extension mode. To resolve this, switch to inline proxy mode (no need to save yet) and disable the settings you do not want to apply when in browser extension mode e.g. uncheck the Set System Proxy option, then set the mode back to browser extension and save the settings.

	UEP-80917	Firefox bypasses PC while using an external proxy, this can be prevented using an MDM.
Forcepoint Endpoint Context Agent (Windows)	NA	Forcepoint ECA does not resolve the user completely in the following two situations: ■ ICMP: When the network traffic is sent over the ICMP system process, Forcepoint ECA cannot resolve the user ID. ICMP is a Windows system process from which user processes (such as ping) request service. ■ SMB: When the user ID is carried inside the SMB protocol, Forcepoint ECA cannot resolve the user name. SMB is a protocol that carries the user ID on the application layer. SMB carries the user name inside the protocol but Forcepoint ECA extracts the user name only from the Windows operating system, not from the SMB protocol headers.
Forcepoint One Endpoint package builder	No known issues exist in this release of Forcepoint One Endpoint package builder.	