

# File Director 4.4

## Release Notes

### Components in this Release

Component	Version
Appliance Configuration Services	4.4.0.4
Appliance Plugins	4.4.0.3
Appliance Text Console	4.3.0.7
Server	4.4.0.64
Web Client	4.4.0.9
Web Admin	4.4.0.6
Windows Client	4.4.156.0

## Important Upgrade Information

### Windows Client

File Director 4.x Agent now requires Windows 7 SP1 or above. In addition, Windows 7 SP1 must be updated to support SHA-256.

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#### Note

For details of Windows 7 SP1 SHA-256 requirements, please refer to the following [community article](#).

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### OneDrive Technical Previews

Upgrade to File Director 4.4 from any technical preview installation is not supported.

## New Features

### Cluster Health Check

File Director now provides information relating to the performance and health of appliances. It is now possible to monitor and report upon a wide range of metrics including:

- Number of threads in use
- CPU Usage
- Memory usage
- Load average
- OneDrive for Business connector performance statistics

This new functionality provides the File Director administrator with the ability - via tools such as Splunk and Graylog - to monitor the health of their appliances and clusters, giving them the insight they need to drive operational performance and ensuring a high level of end user experience.

### Improvements to File Delta Synchronization

With this release File Director now synchronizes the changes (or Deltas) that are made to files asynchronously. This means that files are now synchronized in a more robust, scalable and efficient way improving the end user experience whilst reducing the amount of bandwidth and server resources that are required.

This approach also ensures that uploads are not affected by any issues such as infrastructure timeouts, for example.

### Smart PST Linking

When opening Outlook on a new endpoint for the first time and the Outlook profile is expecting to find a local PST file, the end user will experience an application hang whilst the file is downloaded. This is a scenario that can be common when a user is migrating to Windows 10 from Windows 7, for example.

File Director now offers the ability to unlink any remote Outlook Data Files (PST) before a user opens Outlook on a new endpoint for the first time. This occurs before the desktop has been loaded, ensuring that the end user experience is not affected whilst potentially large PST files download.

Once PST files are downloaded, File Director then performs a relink in the background, ensuring a smooth onboarding process for the end user throughout.

### Removal of the 200 Worker Thread Limit per Server

The introduction of HTTP Persistent Connections also called HTTP keep-alive, or HTTP connection reuse in this release, introduces improved resource management for the File Director server. This has allowed the number of processing threads that are available to each server to be increased from 200 to 400.

The introduction of more threads means that each server can now process more requests at the same time resulting in faster response times to the File Director client.

These changes enhance the user experience when interacting with files that are being managed by File Director.

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## Bugs Fixed

The following bugs have been resolved in this release:

ID	Title
10778	Explorer does not respawn in user session when installed as system (SCCM)
13134	Resumable upload restarts after BAD_SESSION response
13310	SMB1 map point as DFS folder target causes other map points to be marked offline
13465	Veritas Enterprise Vault - DataNow - Error Sync'ing Archived Files
13555	.dataNowFolderUploads_ folders in local cache can cause very high appliance load and instability
14118	Rename of multiple folders over poor connection results in duplication of folders
14140	File Director service stuck on start pending after service restart
14158	Unable to access files on SMB share since upgrade
14182	.url ghost files do not download when double clicked
14183	No post login refresh of desktop
14186	Files missing from Documents Folder with ILS Manual Map Point Configured
14187	OneDrive For Business map point in manual mode fails to open PDF files
14195	Unable to Create External Database Schema from File Director 4.3 Appliance
14196	Unable to Zip Files in certain OD4B backed profile folders
14244	Unable to open Project 2013 files from FD OD4B sync locations

## OneDrive for Business Connector

Updates made to files on map points using any File Director client are synchronized with OneDrive and the changes are evident when accessed using OneDrive for Business clients. However, changes made to files on File Director Map Points using OneDrive for Business clients are not synchronized with File Director desktop and mobile clients.

## Known Issues and Limitations

The known issues and limitations are now detailed on [community.ivanti.com](https://community.ivanti.com).

## Supported Operating System and Technologies

The maintained Operating Systems and Technologies are now detailed in a [maintained platform matrix](#).

## Required Utilities and Components

Component	Required Utilities and Components
Appliance	The File Director appliance must have a minimum of 4GB of RAM and 4 vCPUs. The File Director appliance has virtual hard disks which require up to 50GB of storage. The disks are thin provisioned.

## Further Help and Information

Information about installing, configuring, and using our products is available on our [product help](#).