

File Director 2018.1

Release Notes

Components in this Release

Component	Version
Appliance Configuration Services	2018.1.0.1
Appliance Plugins	2018.1.0.1
Appliance Text Console	4.3.0.7
Server	2018.1.0.26
Web Client	2018.1.0.2
Web Admin	2018.1.0.7
Windows Client	4.6.59.0

Important Upgrade Information

Windows Client

File Director 2018.x Agent now requires Windows 7 SP1 or above. In addition, Windows 7 SP1 must be updated to support SHA-256.



Note

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

OneDrive Technical Previews

Upgrade to File Director 2018.1 from any technical preview installation is not supported.

New Features

File Director OneDrive for Business Connector Scalability

This release continues to introduce improvements to both the File Director server and Windows client when used with the OneDrive for Business Connector.

Handling of SharePoint Online HTTP 429 “Too Many Requests” messages

We now have an improved mechanism for the handling of Microsoft SharePoint Online HTTP 429 “Too Many Requests” messages.

These messages will occur when a process/user exceeds predefined usage limits and are as a result throttled for a brief period. With this update, when the 429 messages indicate that throttling is in effect, File Director now reduces the rate of requests until throttling messages cease.

Multiple Application ID's

Prior to this release the OneDrive for Business Connector used a single application ID when connecting to the SharePoint Online API. This could result in inefficiencies when trying to retrieve a large number of folder listings from OneDrive, for example. With this release we now allow each node in a cluster to have its own application ID and by doing so improve the efficiency of the connector.

Resumable Uploads

Previously when the upload of a file was interrupted by an event such as the user logging off from their machine, for example, the upload of that file would need to start again. Now, we resume the upload of the file from where it was when the interruption took place.

Notifications set to Off by Default

File Director can be configured to provide notifications to the client when a file, a map point or policy change occurs. Whilst this mechanism still continues to provide value in smaller implementations it can cause performance problems when used at scale. As such, in 2018.1 we have changed the default setting ‘out of the box’ for notifications to be off. It is still possible, if required to configure notifications to be set to on.

Deletion of files whilst Offline

In previous releases users may have experienced an explorer hang if, whilst offline they deleted a file or folder. This was more prominent when a slow connection was being used. In the File Director 2018.1 release we have addressed this scenario to ensure that the end user experience is not impacted.

Internationalization of the Windows Client

In order to improve the end users, experience when interacting with the File Director, the administrator can now configure the Windows client to display messages in the following languages:

- French
- German
- Dutch
- Portuguese Brazilian
- Spanish
- Japanese
- Chinese Simplified
- Chinese Traditional
- Russian
- Italian

Synchronization Status Integration with Ivanti Endpoint Manager (EPM)

To assist the administrator during a scenario such as a Windows 7 to Windows 10 migration, the File Director Windows client now reports when all of the currently logged on user's files are in-sync. This then allows the administrator to make an informed decision as to when the Operating System migration for the user can commence.

Whilst this feature was designed for use specifically with Ivanti Endpoint Manager due to its design it can be used by any tool that is able to collect information from the HKEY_CURRENT_USER Registry Hive.

File Director Auditing Events

Whilst tools such as Splunk and Graylog can still be used to collect information from your File Director appliance(s) with this release, it is now possible to send auditing events to the Ivanti Management Centre. This not only brings File Director in line with the other User Workspace Management (UWM) products but also allows the use of Xtraction for File Director dashboarding and reporting.

In this release the following auditing events are sent to the Management Centre:

ID	Name	Type	Description
9800	Driver initialisation failure	Error	An error has occurred during driver initialisation.
9801	Logging initialisation failure	Error	An error has occurred during logging initialisation.
9802	Mapped drive processing failure	Error	An error has occurred while processing the mapped drive configuration.
9803	Dirty block information missing	Error	Conflicting dirty-block information has been detected for a file.
9804	Process parse tree failure	Error	An error has occurred while generating the parse tree for a process.
9805	Conflict file fail	Error	A user defined conflict format string was detected as being invalid.
9806	Server-side deletion success	Information	A server-side deletion was successful
9807	Server-side deletion success with status	Information	A server-side deletion was successful – provides additional status information.
9808	PST link failure	Error	An unlinked PST file fails to re-link back to the users Outlook profile.
9809	PST link success	Information	An unlinked PST file has been successfully re-linked to the users Outlook profile.
9810	PST unlink failure	Error	A non-local PST file has failed to unlink from the users Outlook profile.
9811	PST unlink success	Information	A non-local PST file has been successfully re-linked to the users Outlook profile.

ID	Name	Type	Description
9812	ILS configuration failure	Error	An error has occurred when the processing the ILS configuration.
9813	Delete request failure	Error	An error occurred while handling a delete request.
9814	Delete request success	Information	A file delete or move operation was successful.
9815	Delete map point success	Information	A map point has been successfully deleted.
9816	Low disk space	Information	Low disk space on the end point.

Bugs Fixed

The following customer support issues have been resolved in this release:

ID	Title
14209	Folders deleted on offline endpoint are redownloaded on network reconnect
14074	DataNow Appliances returning 502 bad gateway
14132	FreeBSD : librsync –collision vulnerability reported with ACAS scan
63765	After upgrading from Windows 10 1607 to 1703, File Director does not work
63820	OneDrive files not syncing (Error 429)
64887	Slow login due to File Director

Known Issues and Limitations

The known issues and limitations are now detailed on 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](#).