

File Director 4.2

Release Notes

Components in this Release

Component	Version
Appliance Configuration Services	4.2.0.1
Appliance Plugins	4.2.0.2
Appliance Text Console	4.2.0.1
Server	4.2.0.74
Web Client	4.2.0.10
Web Admin	4.2.0.24
Windows	4.2.20.0

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.



Note

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

What's New?

Product Rename

Over time the features and functionality of DataNow has moved from a file access and sharing product, to a mature synchronization technology uniquely positioned to solve the common IT headaches around migration, break fix and multi endpoint access.

As part of the Ivanti rebrand we felt it was the right time to take the opportunity to rename DataNow with a more descriptive product name. DataNow has been renamed File Director.

Rebrand

File Director has been updated to reflect the new company name of Ivanti (see [here](#) for more details). In addition, components on the endpoint have been updated to reflect these changes.

You may still see references to the 'AppSense' name used in certain areas, such as the Registry or Windows Services. This is to make the transition as least disruptive as possible for existing users of File Director.

New Features

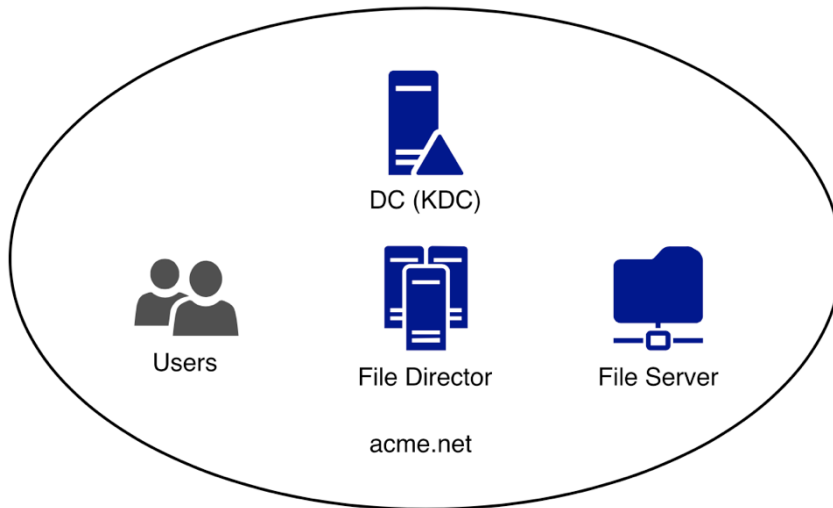
Support for Kerberos constrained delegation in cross realm environments

Credential Guard was introduced in Windows 10 Enterprise and uses virtualization-based security to isolate NTLM password hashes, Kerberos Ticket Granting Tickets, and credentials stored by applications as domain credentials, all so that only privileged system software can access them.

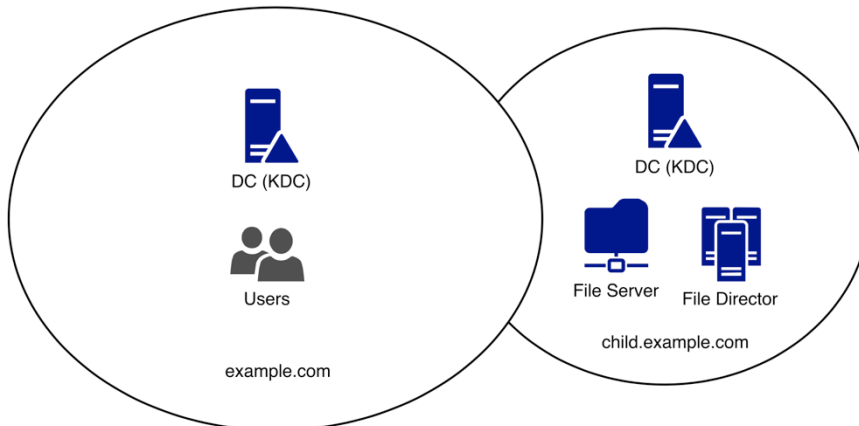
File Director 4.2 now supports constrained delegation with support for crossing realms for customers who have a requirement to use Kerberos authentication in their environment. Assistance on how to configure File Director to support Credential Guard for supported environments can be found in our [product help](#).

The four most common customer environments supported in 4.2 are:

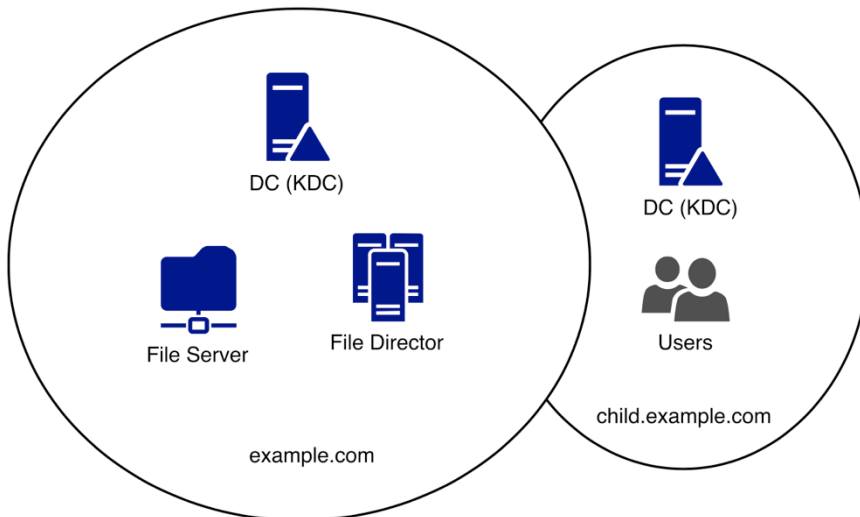
Users, endpoints and pre-authentication account and storage in the same domain



Users and endpoints in example.com, file servers and pre-authentication in trusted child domain child.example.com

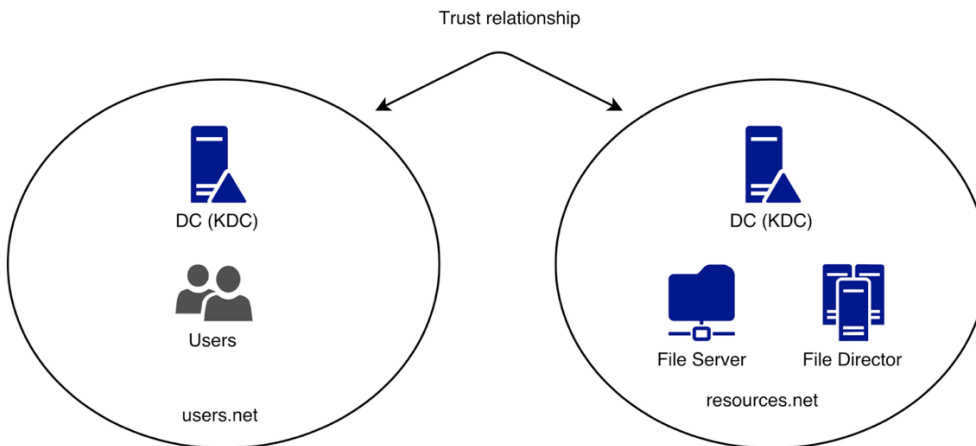


File servers and pre-authentication example.com with users and endpoints in trusted child domain child.example.com



Users and endpoints in forest users.net with file servers and pre-authentication account in forest resources.net

For the configuration below, Active Directory must be setup in a 2-way transitive trust to allow Kerberos tickets to be utilised across realms.



Capability to toggle TLS 1.0

PCI compliance required us to disable SSL v3/TLS 1.0 in File Director. As outlined in [this](#) Microsoft support article configuring endpoints to default to a secure protocol (TLS 1.1 or TLS 1.2) requires the implementation of registry settings and potentially an update. Customers that are unable to implement this change can now toggle TLS 1.0 on in File Director 4.2.

In the File Director web admin console, navigate to *Configuration > Advanced*. TLS 1.0 support can be enabled for endpoints in the *TLS 1.0 (for legacy clients)* pane. Note that when enabled this is done across the cluster.

Ivanti recommends turning off TLS 1.0 support as soon as all legacy endpoints in the environment are updated or replaced.

Bugs Fixed

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

Problem ID	Title
13132	DataNow fails to login with Credential Guard enabled
13506	DataNow slows access in non-managed locations
14002	Map points intermittently offline
14012	Outlook hangs with DataNow enabled
14027	DataNow issues with Kerberos \ CAC authentication
14038	DataNow NTLM SSO on XenDesktop Session Reconnect
14045	DataNow Logged out user gets green icon with red X

The following bugs have been resolved in this release:

ID	Title
225907	Windows Defender causes BSOD when unzipping a file containing lots of .EXE files in a DataNow managed area
228878	File continually being uploaded
230332	Permanent "Logging onto DataNow server..." message on logging in

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.



Note

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

Further Help and Information

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