ControlPoint

Software Version 5.6

Support Matrix

Micro Focus®

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Contents

Requirements

This section provides information about the supported hardware and software that you must have to successfully install and run Micro Focus ControlPoint 5.6.

Hardware

Minimum hardware requirements - ControlPoint database server

Component	Requirement
Processors	• 64-bit environment ○ Server class processors with 16 cores, with speeds of 2.5 GHz or better (minimum)
Memory	• 64-bit environment ○ 32-GB RAM as a minimum, especially for the server hosting the ControlPoint databases.
Storage	Your particular scale requirements depend on many factors including data sizes, usage patterns, infrastructure and so on. For large scale database server host you must use 64-128 GB memory, as 90% of this memory should be allocated to the SQL Server. You must also ensure that other services should not be located on the same host. To achieve scale requirements for your ControlPoint environment, contact your Micro Focus Professional Services representative
Dedicated hard drives for databases	Due to high disk usage of the **ControlPointMetaStore** and **tempdb** databases, Micro Focus recommends that you allocate these databases their own dedicated hard drive during installation. Micro Focus recommends the use of the fastest, performance-quality drives with the best I/O bandwidths available. For more information, contact your Micro Focus Professional Services representative. Micro Focus recommends the use of multiple drives for **ControlPointMetaStore** database. For more information, contact your Micro Focus Professional Services representative.

Minimum hardware requirements - other ControlPoint servers

Component	Requirement
Processors	• 64-bit environment

Minimum hardware requirements - other ControlPoint servers, continued

Component	Requirement
	○ Server class processors with 16 cores, with speeds of 2.5 GHz or more (minimum)
Memory	• 64-bit environment ○ 32 GB RAM as a minimum, especially for the server hosting the ControlPoint databases.
Network interface card	1 Gbps

Operating system

ControlPoint 5.6 runs on the following operating systems:

Application	Requirements
Operating system	• Windows Server 2016 • Windows Server 2012 R2 • Windows Server 2012 • Windows Server 2008 R2 **NOTE:** If you upgrade Windows Server, you must then reinstall ControlPoint so the application can verify that required components, such as IIS and the .NET Framework, are still available. If it determines any have changed or are missing, the installation process alerts you to reinstall them. For more information, see your Windows Server documentation.
Windows 2012	On Windows Server 2012, enable Windows Communication Foundation (WCF) Services HTTP Activation. For more information, see your Microsoft Windows Server 2012 documentation.
Internet Information Server (IIS)	• IIS 10.0 on Windows Server 2016 • IIS 8.5 on Windows Server 2012 R2 • IIS 8.0 on Windows Server 2012 • IIS 7.5 on Windows Server 2008 R2 **NOTE:** On Microsoft Windows Server 2008 R2, add the Windows Authentication

Application	Requirements
	Role, which is not installed by default. For more information, see your Windows Server documentation.
IIS	In IIS, when configuring the Web Server (IIS) role for the ControlPoint Administration Console, activate the following features: • Common HTTP Features, including Static Content.
Microsoft .NET Framework	Version 4.5 and later.
Internet Explorer	Version 9 or later, installed on servers with ControlPoint Data Analysis and IIS.
ControlPoint IDOL packages	Install the ControlPoint IDOL packages on a server that has the following products installed: • Microsoft Visual C++ 2005 Redistributable Package • Microsoft Visual C++ 2010 Redistributable Package • Microsoft Visual C++ 2013 Redistributable Package

Databases

Application	Requirements
SQL Server	SQL Server must be accessible from the ControlPoint server. • SQL Server 2016 Enterprise or Standard, service pack 1 and later • SQL Server 2014 Enterprise or Standard, service pack 2 and later. • SQL Server 2012 Enterprise or Standard, service pack 3 and later • Ensure that SQL Server Native Client is installed. **NOTE:** To gain the best performance, Micro Focus recommends that you do not install any other ControlPoint components on the SQL Server. If you are deploying the ControlPoint databases to a server hosting other ControlPoint components, such as connectors, configure SQL Server to limit the resources it consumes. **NOTE:** For large-scale deployments, use Enterprise Edition of SQL Server, as it enables you to split the tables on different files and optimizes the

Application	Requirements
	performance. For Reporting Services, you can use the Standard or Enterprise edition of SQL Server. For SQL Server 2016, the Standard Edition is supported.
SQL Server service packs and updates	For each version and edition of SQL Server, you need to apply all currently-available and pushed updates (critical updates and publicly-pushed individual updates) from Windows Update.
SQL Permissions	The user account that deploys or upgrades the ControlPoint databases must have permissions equivalent to the **sysadmin** default SQL login role. This includes the permission to add, delete and modify jobs SQL Agent jobs, which requires access to the **msdb**. It also includes permission to examine database and filegroup structures, adding new ones as appropriate. After deployment, the permissions of the SQL login account may be then reduced. The minimum required permissions for each of the ControlPoint databases' user is **db_owner**.
SQL Server Agent service	The SQL Server Agent service must be set to start automatically, and the service must be running.
SQL Server Reporting Services	For Reporting Services, you can use the Standard or Enterprise edition of SQL Server.
Read/write permissions on database file paths	The desired paths to place the database file groups must be granted read and write permission appropriately. For more information, see the *Micro Focus ControlPoint Installation Guide*.

Compatibility

ControlPoint and IDOL mapping

Component	Version	Operating System
Content Engine	12.0	Windows
Connector Framework	12.0	Windows
Content Manager Connector	12.0	Windows
Distributed Connector	11.6	Windows
Edge FileSystem Connector	12.0	Windows, RHEL, Suse

Exchange Connector	11.6	Windows
File System Connector	12.0	Windows[1]
Hadoop Connector	12.0	Windows
IDOL Server	12.0	Windows
License Server	12.0	Windows
Notes Connector	12.0	Windows
Omni Group Server	12.0	Windows
Sharepoint Connector Remote[2]	12.0	Windows
Documentum Connector	12.0	Windows

[1]Support includes file shares on: CIFS and NFS on NetApp storage, and NTFS.

[2]Support includes SharePoint 2016.

Connectors

ControlPoint connectors

This section describes the installation requirements for the ControlPoint IDOL and connectors using deployment packages.

For more information on building the ControlPoint connector deployment packages, see the *Micro Focus ControlPoint Installation Guide*.

Prerequisite software

Software requirements - IDOL and ControlPoint connectors

Component	Requirements
ControlPoint IDOL packages	Install the ControlPoint IDOL packages on a server that has the following products installed: • Microsoft Visual C++ 2005 Redistributable Package • Microsoft Visual C++ 2010 Redistributable Package • Microsoft Visual C++ 2013 Redistributable Package • SQL Native Client

Software requirements - IDOL and ControlPoint connectors, continued

Component	Requirements
	The required prerequisite packages are included in the `vcredist` and `sqlNativeClient` subdirectories under the deployment package location.
ControlPoint Content Manager Connector and the Content Manager client software	Install the Content Manager client software on the server hosting the ControlPoint Content Manager Connector. For more information on installing the Content Manager client software, see the *Micro Focus Content Manager Installation and Setup Guide.*
ControlPoint Console server and Content Manager client software	Install the Content Manager client software on the server hosting the ControlPoint Administration Console.
Content Manager permissions	The following permissions are required to set up the Content Manager Connector: - The user running the Content Manager Connector account must be added as trusted account in Content Manager Enterprise Studio. It impersonates the TRIMServices account when retrieving items from the Content Manager dataset for indexing into ControlPoint IDOL. - The user running the Content Manager Connector account must be also present as a valid location in Content ManagerContent Manager. This is needed when you browse a repository of the Content Manager type, through the ControlPoint Console. - The user running the ControlPoint Web Application Pool must be added as a trusted account in Content Manager Enterprise Studio. The ControlPoint Web App pool user impersonates the user logged in ControlPoint to retrieve the list of Origins from the dataset.

IDOL license key

To use IDOL, you must have a valid license key file for the products that you want to use. Contact Micro Focus Support to request a license file for your installation.

The IDOL license key file must be copied to the IDOL License Server.

ControlPoint Edge Filesystem connector

This section provides information on installing the ControlPoint Edge Filesystem connector. The Edge Filesystem connector is used to run Archive policies on documents and files held in Windows and Linux file shares.

Prerequisites for the ControlPoint Edge Filesystem connector

Component	Description
Platform	**Windows:** • Windows 2012 R2 Server or later. • Windows 2016 Server or later. **Linux:** • RHEL 7.2 • SUSE 12
ControlPoint	Installed and ready to use.

Utilities

Remote Analysis Agent and Statistics De-Obfustication

The Remote Analysis Agent and Statistics De-Obfustication utilities are supported on the following Windows operating system versions:

• Windows Server 2008 R2

• Windows Server 2012

The Remote Analysis Agent and Statistics De-Obfustication utilities are supported on a server that has the following software installed:

• Microsoft .NET Framework 4.5.

For more information, see the *Micro Focus ControlPoint Remote Analysis Agent Technical Note*.

Web browsers and plug-ins

One of the following supported web browsers is required to run ControlPoint 5.6:

- Internet Explorer 9 or later

- Google Chrome 41 or later

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