

ControlPoint

Software Version 5.8.0

Support Matrix



Document Release Date: December 2019
Software Release Date: December 2019

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Requirements

This section provides information about the requirements to successfully install and run Micro Focus ControlPoint 5.8.0 and its related components. For questions about any of these requirements, contact Micro Focus Support.

ControlPoint

This section describes the requirements for ControlPoint 5.8.0.

Hardware

This section identifies the hardware that ControlPoint 5.8.0 requires.

ControlPoint database server

The following table lists the minimum hardware requirements for the ControlPoint database server.

Component	Minimum requirement
Processors	<ul style="list-style-type: none">• 64-bit environment<ul style="list-style-type: none">◦ Server class processors with 16 cores, with speeds of 2.5 GHz or better (minimum).
Memory	<ul style="list-style-type: none">• 64-bit environment<ul style="list-style-type: none">◦ 32-GB RAM as a minimum, especially for the server hosting the ControlPoint databases.
Storage	Scale requirements depend on many factors including data sizes, usage patterns, infrastructure, and so on. For a large-scale database server host: <ul style="list-style-type: none">• Use 64-128 GB memory, as 90% of this memory should be allocated to the SQL Server.• Ensure that other services are not located on the same host.
Dedicated hard drives for databases	For optimal performance, adhere to these guidelines: <ul style="list-style-type: none">• Use the fastest performance-quality drives with the best I/O bandwidths available. For improved read and write performance of the ControlPointMetaStore database, Micro Focus recommends the use of an enterprise-level solid-state drive (SSD).

Component	Minimum requirement
	<ul style="list-style-type: none"> • During ControlPoint installation: <ul style="list-style-type: none"> ◦ Place ControlPoint database files on volumes local to the SQL Server installation (<i>Required by SQL Server</i>) ◦ Allocate the ControlPointMetaStore and tempdb databases on their own dedicated hard drive due to high disk usage. ◦ Distribute the ControlPointMetaStore database across multiple drives.

Other ControlPoint servers

The following table lists the minimum hardware requirements for other ControlPoint servers.

Component	Minimum requirement
Processors	<ul style="list-style-type: none"> • 64-bit environment <ul style="list-style-type: none"> ◦ Server class processors with 16 cores, with speeds of 2.5 GHz or more (minimum)
Memory	<ul style="list-style-type: none"> • 64-bit environment <ul style="list-style-type: none"> ◦ 32 GB RAM as a minimum, especially for the server hosting the ControlPoint databases.
Network interface card	1 Gbps

Software

This section identifies the software that ControlPoint 5.8.0 requires.

Application	Requirements
Operating system	<p>One of the following:</p> <ul style="list-style-type: none"> • Windows Server 2019 • Windows Server 2016 • Windows Server 2012 R2 • Windows Server 2012 <p>For more information about these operating systems, see your Windows Server documentation.</p> <p>NOTE: If you upgrade Windows Server, you must then reinstall ControlPoint so</p>

Application	Requirements
	<p>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.</p>
Windows Communication Foundation (WCF)	<p>WCF Services HTTP Activation enabled For more information, see your Microsoft Windows Server documentation.</p>
Internet Information Server (IIS)	<p>One of the following, depending on Windows Server version:</p> <ul style="list-style-type: none"> • IIS 10.0 on Windows Server 2019 • IIS 10.0 on Windows Server 2016 • IIS 8.5 on Windows Server 2012 R2 • IIS 8.0 on Windows Server 2012
IIS features	<p>When configuring the Web Server (IIS) role for the ControlPoint Administration Console, activate the following:</p> <ul style="list-style-type: none"> • Common HTTP Features, including Static Content
IIS modules	<p>To secure ControlPoint using HTTPS:</p> <ul style="list-style-type: none"> • URL Rewrite 2.1
Microsoft .NET Framework	<p>Both of the following:</p> <ul style="list-style-type: none"> • Version 3.5 • Version 4.5
Microsoft Visual C++ Redistributable Packages	<p>All of the following:</p> <ul style="list-style-type: none"> • Microsoft Visual C++ 2017 Redistributable Package • Microsoft Visual C++ 2015 Redistributable Package • Microsoft Visual C++ 2013 Redistributable Package • Microsoft Visual C++ 2010 Redistributable Package • Microsoft Visual C++ 2005 Redistributable Package <p>Included for convenience in the vcredist subdirectories of ControlPoint IDOL packages you create.</p>
Web browser	<p>Required only on servers hosting ControlPoint Data Analysis and IIS:</p> <ul style="list-style-type: none"> • Google Chrome 72 or later
SQL Native Client	<p>SQL Native Client, which is included for convenience in the sqlNativeClient subdirectories of ControlPoint IDOL packages you create.</p>

NOTE: For Connector-related software requirements, see [ControlPoint Connectors](#), on page 9.

Databases

ControlPoint 5.8.0 has the following database requirements.

Application	Requirements
SQL Server	One of the following: <ul style="list-style-type: none">• SQL Server 2017 Enterprise or Standard• SQL Server 2016 Enterprise or Standard, SP 1 and later• SQL Server 2014 Enterprise, SP 2 and later• SQL Server 2012 Enterprise, SP 3 and later

Web browsers

ControlPoint 5.8.0 web applications support the following web browsers:

- Google Chrome 72 or later
- Firefox 65 or later

Micro Focus software compatibility

This section provides information about other Micro Focus software that is compatible with ControlPoint 5.8.0.

IDOL software and connectors

This release includes the IDOL software and connectors included with ControlPoint 5.8.0.

Component	Version	Operating system
Content Engine	12.3.0	Windows
Connector Framework	12.3.0	Windows
Content Manager Connector	12.3.0	Windows
Distributed Connector	12.3.0	Windows
Documentum Connector	12.2.1	Windows
Edge FileSystem Connector	12.3.0	Windows

Exchange Connector	12.2.0	Windows
File System Connector	12.3.0	Windows Includes file shares on CIFS and NFS on NetApp storage, and NTFS.
Hadoop Connector	12.0.0	Windows
IDOL Server	12.3.0	Windows
License Server	12.3.0	Windows
Notes Connector	12.2.1	Windows
Omni Group Server	12.0.0	Windows
SharePoint Remote Connector	12.3.0	Windows

IDOL grammars

ControlPoint 5.8.0 supports the following IDOL grammars:

- **GDPR grammars**
 - Address
 - Date
 - Driving
 - Health
 - MRTD (Machine Readable Travel Document)
 - Name
 - National ID
 - Passport
 - Postal code
 - Telephone
 - TIN (Tax Identification Number)
- **PII grammars**
 - PII Address
 - PII Date
 - PII Driving
 - PII Health
 - PII MRTD (Machine Readable Travel Document)

- PII Name
- PII National ID
- PII Passport
- PII Postal code
- PII Telephone
- PII TIN (Tax Identification Number)
- PII Combined Address
- PII Combined Date
- PII Combined Driving
- PII Combined Health
- PII Combined Name
- PII Combined National ID
- PII Combined Passport
- PII Combined Postal code
- PII Combined Telephone
- PII Combined TIN

For more information about either of these grammars, see the *Micro Focus IDOL 12.3 PII Package* documentation, which contains both sets.

ControlPoint Connectors

This section describes the requirements for connectors used with ControlPoint ControlPoint.

ControlPoint IDOL and connectors

ControlPoint IDOL, Metastore, and connectors, which you install using deployment packages created during ControlPoint installation, have the following software and IDOL license requirements.

Software

Component	Requirements
ControlPoint IDOL packages	Install all of the following components on each target server: <ul style="list-style-type: none">• Microsoft Visual C++ 2017 Redistributable Package• Microsoft Visual C++ 2015 Redistributable Package

Component	Requirements								
	<ul style="list-style-type: none"> • Microsoft Visual C++ 2013 Redistributable Package • Microsoft Visual C++ 2010 Redistributable Package • Microsoft Visual C++ 2005 Redistributable Package • SQL Native Client <p>These items are included for convenience in the <code>vc_redist</code> and <code>sqlNativeClient</code> subdirectories of the deployment package you create.</p>								
Content Manager Connector	<p>Install Content Manager <code>CM_client</code> (and starting with version CM 9.4 also install <code>CM_COMComponents</code>) on all servers that will host the following:</p> <ul style="list-style-type: none"> • Content Manager Connector • ControlPoint Administration Console <p>For installation information, see the <i>Micro Focus Content Manager Installation and Setup Guide</i>.</p>								
Content Manager Connector permissions	<p>Configure the following permissions:</p> <table border="1" data-bbox="456 926 1377 1835"> <thead> <tr> <th data-bbox="456 926 837 982">For the user that...</th> <th data-bbox="837 926 1377 982">Do this...</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 982 837 1465">Runs the Content Manager Connector account</td> <td data-bbox="837 982 1377 1465"> <ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio <p>This user account impersonates the <code>TRIMService</code> account when retrieving items from the Content Manager dataset for indexing into ControlPoint IDOL.</p> <ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user <p>Required to browse a Content Manager type of repository through the ControlPoint Administration Console.</p> </td> </tr> <tr> <td data-bbox="456 1465 837 1709">Runs the ControlPoint Web Application Pool</td> <td data-bbox="837 1465 1377 1709"> <ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio. <p>This user account impersonates the user logged in to ControlPoint in order to retrieve the list of origins from the dataset.</p> </td> </tr> <tr> <td data-bbox="456 1709 837 1835">Runs ControlPoint</td> <td data-bbox="837 1709 1377 1835"> <ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user and has sufficient rights to view the origins. </td> </tr> </tbody> </table>	For the user that...	Do this...	Runs the Content Manager Connector account	<ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio <p>This user account impersonates the <code>TRIMService</code> account when retrieving items from the Content Manager dataset for indexing into ControlPoint IDOL.</p> <ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user <p>Required to browse a Content Manager type of repository through the ControlPoint Administration Console.</p>	Runs the ControlPoint Web Application Pool	<ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio. <p>This user account impersonates the user logged in to ControlPoint in order to retrieve the list of origins from the dataset.</p>	Runs ControlPoint	<ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user and has sufficient rights to view the origins.
For the user that...	Do this...								
Runs the Content Manager Connector account	<ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio <p>This user account impersonates the <code>TRIMService</code> account when retrieving items from the Content Manager dataset for indexing into ControlPoint IDOL.</p> <ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user <p>Required to browse a Content Manager type of repository through the ControlPoint Administration Console.</p>								
Runs the ControlPoint Web Application Pool	<ul style="list-style-type: none"> • Add as a trusted account in Content Manager Enterprise Studio. <p>This user account impersonates the user logged in to ControlPoint in order to retrieve the list of origins from the dataset.</p>								
Runs ControlPoint	<ul style="list-style-type: none"> • Ensure the user is a valid Content Manager user and has sufficient rights to view the origins. 								

Component	Requirements
Documentum Connector	<p>Obtain .Jar files that the Documentum connector requires.</p> <p>The ControlPoint installation and upgrade processes require you to place these files in a specific location. For information or help obtaining these files, contact the Documentum Support team.</p>
Exchange Connector	<p>Install Exchange client software on all servers that will host the Exchange Connector.</p> <p>ControlPoint supports the following versions of Microsoft Exchange, each updated with its most recent service pack:</p> <ul style="list-style-type: none"> • Microsoft Exchange Online • Microsoft Exchange 2019 • Microsoft Exchange 2013 • Microsoft Exchange 2010
Notes Connector	<p>Install Notes client software on all servers that will host the Notes Connector.</p>
SharePoint Remote Connector	<p>Enable Windows Identity Foundation (WIF) 3.5 on all servers that will host the SharePoint Remote Connector.</p> <p>ControlPoint supports the following versions of SharePoint, each updated with its most recent service pack:</p> <ul style="list-style-type: none"> • SharePoint Online • SharePoint 2019 • SharePoint 2016 • SharePoint 2013 • SharePoint 2010

IDOL license

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.

IDOL Connectors NiFi support

To add an XML repository to ControlPoint using IDOL libraries through NiFi, a server with the following components is required.

Component	Description
NiFi software	Apache NiFi 1.9.0

Component	Description
	The <i>NiFi System Administrator's Guide</i> , available on the Apache NiFi website, identifies all NiFi system requirements and provides information about how to install, configure, and use NiFi.
Microsoft Visual C++ Redistributable Packages	Microsoft Visual C++ 2017 Redistributable Package

ControlPoint Edge Filesystem connector

The Edge Filesystem connector runs Archive policies on documents and files held in Windows file shares. The requirements for this connector are listed in the following table.

Component	Description
Operating system	Any of the following: <ul style="list-style-type: none"> Windows 2019 Server Windows 2016 Server Windows 2012 R2 Server
Microsoft .NET Framework	Both of the following: <ul style="list-style-type: none"> Version 3.5 Version 4.5
ControlPoint	Installed and configured

Utilities

This section identifies the requirements of ControlPoint 5.8.0 utilities.

Remote Analysis Agent and statistics de-obfuscation

This utility has the following software requirements.

Software	Requirement
Operating system	One of the following: <ul style="list-style-type: none"> Windows Server 2019

Software	Requirement
	<ul style="list-style-type: none"> Windows Server 2016 Windows Server 2012 R2
Microsoft .NET Framework	Both of the following: <ul style="list-style-type: none"> Version 3.5 Version 4.5

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

Ports

ControlPoint 5.8.0 components require specific TCP/IP ports. If your environment uses a firewall, ensure the ports in the following table are open so ControlPoint can use them.

Component	Port
OGS Server	4057
OGS Service	4059
MetaStore	4500
MetaStore Service	4502
IDOL Server	9000
IDOL Index	9001
IDOL Service	9002
IDOL Component : Category	9020
IDOL Component : Community	9030
IDOL Component : Agent Store	9050
IDOL Component : DAH	9060
IDOL Component : DIH	9070
IDOL Component : View	9080
Distributor Connector Server	7000
Distributed Connector Service	7002
File System Connector Server	7200

Component	Port
File System Connector Service	7202
Content Manager Connector Server	7300
Content Manager Connector Service	7302
Documentum Connector	7900
Documentum Service	7902
Exchange Connector Server	7600
Exchange Connector Service	7602
SP Remote Connector Server	7800
SP Remote Connector Service	7802
License Server	20000
Content Server	32000
Content Index	32001
Content Service	32002

Virtualization products

Micro Focus recommends that you use physical servers for the ControlPoint environment, especially for SQL Server.

Other software coexistence

The following software requires special consideration in a ControlPoint environment:

- **Antivirus software**

There are adjustments you can make to prevent antivirus software from impacting ControlPoint performance of ControlPoint host machines. For more information, see the *Micro Focus ControlPoint Installation Guide*.

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