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News

About this newsletter

This newsletter is designed to keep you better informed about IBM® Content Manager OnDemand on all platforms. The newsletter is published quarterly.

Previous editions of this newsletter can be found in [support item 7024130](#). They are also available on the OnDemand User Group web site under the heading '[Presentations, Newsletters, and such](#)'.

Correspondence related to this newsletter should be directed to darrell.bryant@unicomsi.com.

This newsletter is formatted so that it is easier to read on wide screen devices. Use the full screen viewing option in Acrobat (Ctrl+L) for best results.

Content Manager OnDemand for i V7.4 available

Content Manager OnDemand for i Version 7.4 was announced in April and became available on June 21st. See announcement letter [219-214 \(US\)](#).

Highlights of version 7.4 include:

- New cloud storage option for archive media
- Enhancements to the Content Manager OnDemand component of IBM Navigator for i
- New parameters for the Start Archived Storage Management (STRASMOND) and Start Disk Storage Management (STRDSMOND) commands
- New parameter for the Print Report (PRTRPTOND), Print document (PRTDOCOND), Query document (QRYDOCOND), and Retrieve document (RTVDOCOND) commands

For a list of all the enhancements, see the Knowledge Center topic [What's New in Content Manager OnDemand for i Version 7.4](#). For more details on selected enhancements, see the IBM i tips section of this newsletter.

Content Manager OnDemand education for V10.1

You can easily create a Content Manager OnDemand application definition – but do you understand what you're doing? Take Content Manager OnDemand courses when you first install the product or when new employees join your organization to have a strong understanding of the fundamentals of the system, how to administer it, and its purpose.

Instructor-led

OnDemand University (ODU) instructor-led online training courses from enChoice provide all the benefits of live instruction without the hassle of travel time and costs – students can learn virtually from wherever an internet connection is available.

The following public instructor-led online classes are available for 2019:

- September 23-27, 2019
- November 18-22, 2019

Self-paced

Self-paced online training courses from enChoice are perfect for busy professionals who require flexibility with their class schedules. Classes may be taken anytime, anywhere at the student's own pace. Courses are created and taught in English by certified, IBM-authorized Content Manager OnDemand instructors.

Two self-paced course are available:

IBM Content Manager OnDemand Administration

This is the foundational course for individuals interested in learning about the major functions of the Content Manager OnDemand system. The course starts with a basic overview of the system, and then teaches students how to:

- Create and maintain Content Manager OnDemand objects such as applications, application groups, and folders
- Index, load, and retrieve various types of documents and report files in a Content Manager OnDemand system

IBM Content Manager OnDemand Advanced System Administration

This self-paced course builds on the foundational course by providing system administration concepts for the Content Manager OnDemand solution. It provides students with a thorough understanding of Content Manager OnDemand architecture and system object concepts as well as storage administration, document storage and indexing components such as the PDF Indexer, 390 Indexer and the XML Indexer. The course also covers database configurations, command utilities, server APIs and the Web Enablement Kit (ODWEK).

- To register for any of these classes, visit the [enChoice education page](#) or the [IBM Education website](#), or contact your TechData/Exit Certified, or LearnQuest training coordinator.
- Custom or private remote or onsite classes are also available – simply contact ODU@enchoice.com for more information.

Tips – Cross Platform

Upgrade clients first

A reminder that the V10.1 clients, both Windows and ODWEK, are tested and supported with the V9.5 server.

We recommend that you upgrade your clients before the server so that your users can begin exploiting new function as soon as the server upgrade is complete. There are also numerous administrator client enhancements at V10.1 that can be used with the V9.5 server.

Reference the [Compatibility matrix](#) for the Content Manager OnDemand clients and servers.

Tips – z/OS

z/OS Quick Hits

LE overrides

If you are overriding any LE storage settings such as HEAP on Content Manager OnDemand V9.5 and below, you should stop using those overrides when you install V10.1. Do not override the default LE storage settings in V10.1. V10.1 is the 64-bit enablement for ARSSOCKD. You should only override the new default settings if you have a specific reason to do so.

The move from a 31-bit to a 64-bit environment really opens up the available virtual storage right out of the box.

For additional information, see the Content Manager OnDemand for z/OS - [Initial Recommended LE Settings](#)

XML Toolkit no longer used

Just a reminder that the XML Toolkit for z/OS is no longer used in the current releases of Content Manager OnDemand (V9.5 and V10.1) and can be eliminated from all STEPLIB concatenations.

At one time, certain functions required the XML Toolkit for z/OS but that is no longer true. This is in reference to FMID HXML1A0 and datasets hlq.SIXMLOD1.

Any XML executables required by Content Manager OnDemand are now shipped as part of the base product.

Performance APARS

Do you have V10.1 already up and running? Don't miss out on the two performance APARs available in the service stream:

- PI98845 - eliminates overhead for the arsusec exit incurred because of 64/31 bit switching
- PH09636 - improved the loading process, reducing CPU usage

Tips – IBM i – V7.4

Cloud storage option for archive media

Cloud storage is now supported as an archive media for Content Manager OnDemand for i. Cloud support requires the IBM Cloud™ Storage Solutions for i (5733-ICC) licensed program product.

Cloud Storage Solutions for i V1.2.0 with the latest PTFs includes a modern, interactive GUI interface. You can now see all of your storage locations and view the contents of the storage.

Cloud Storage Solution for i V1.2.0 supports the following providers and protocols:

- Amazon AWS S3
- IBM Cloud Object Storage
- IBM Cloud (formerly called IBM Bluemix, Cleversafe, and IBM Softlayer (S3 Protocol))
- Softlayer "Legacy" (Swift Protocol)
- FTP

Notes:

1. When archived data is retrieved from cloud storage, the entire object is retrieved. Contrast this with retrieval from a disk pool where a partial object containing just the data requested is retrieved.
2. The Use compression parameter (CMPRSDTA) should be set to *NO. Archived data has already been compressed by Content Manager OnDemand. Compressing it twice might result in larger files and will use CPU unnecessarily.
3. The Use encryption parameter (ENCRYPTDTA) can be set to *YES if you want the archived data encrypted on the cloud and if it is not already encrypted by Content Manager OnDemand. If the archive data has already been encrypted by Content Manager OnDemand, this parameter should be set to *NO. Configuring Content Manager OnDemand to encrypt your archived data will ensure that it is encrypted regardless of the media used now or in the future.

Content Manager OnDemand component of IBM Navigator for i enhanced

A new option has been added to create and manage cloud storage resources. The design of the Content Manager OnDemand component of IBM Navigator for i has also been updated to reflect a format similar to the operating system components.

You must specify a cloud storage resource name which corresponds to an existing cloud storage resource on your IBM i system that you created by

using the IBM Cloud Storage Solutions for i licensed program product. The type of data (primary or backup) that will be stored to the defined cloud storage resource must also be specified.

When you choose cloud storage for your archive storage media type, you can optionally choose to stage the data back to disk for a number of days after the data has been retrieved from the cloud. If the Stage to disk when retrieved from tape or cloud checkbox is selected, retrieved data is kept on disk for the specified number of days after retrieval. The Stage to disk option can increase retrieval performance significantly if you expect that the archived data, once retrieved from cloud storage, might be retrieved again within the specified time period. After the specified number of days passes, the data remains on disk until the first time the Archived Storage Management (ASM) process is run.

New parameter for the STRASMOND command

The Start Archived Storage Management (STRASMOND) command has a new Trace (TRACE) parameter to facilitate tracing when requested by software support.

Specifying TRACE(*YES) will impact how long STRASMOND runs. A spooled file will be created that contains the trace output. The file name will be QSYSPRT with user data of ASM_TRACE.

New parameter for the STRDSMOND command

The Start Disk Storage Management (STRDSMOND) command has a new Force ASM to end (ENDASM) parameter to enable you to end the Archived Storage Management (ASM) process (which, by default, runs after DSM completes) at a specified time or after a specified number of hours.

Prior to version 7.4, the ENDASM parameter was only available on the Start Archived Storage Management (STRASMOND) command.

Note: If ASM completes the movement of all eligible data before the specified ending time, it will end before the specified end time or number of hours occurs.

The possible values for the ENDASM parameter are:

*NO

Do not force the ASM process to end. ASM will end when it finishes processing all data that is eligible to move from one migration policy level to the next.

*NBRHRS

The ASM process is forced to end after it runs for the number of hours specified by the NBRHRS parameter. ASM completes the movement of the data that is currently being processed before it ends.

*ENDTIME

The ASM process is forced to end at the time specified by the ENDTIME parameter. ASM completes the movement of the data that is currently being processed before it ends.

New parameter for the PRTRPTOND, PRTDOCOND, QRYDOCOND, and RTVDOCOND commands

The Print Report (PRTRPTOND), Print document (PRTDOCOND), Query document (QRYDOCOND), and Retrieve document (RTVDOCOND) commands have a new Retrieve in load order (RTVLORD) parameter to control which documents are included and in what order the documents are included.

*NO

The pages of the report will be printed, queried, or retrieved, but the original load order is not guaranteed. Pages will be included even if index values have been updated. Only documents to which the user is authorized will be included.

*YES

The pages of the report will be printed, queried, or retrieved in the order in which they were loaded. Only documents to which the user is authorized are included. **WARNING:** When using this option, Content Manager OnDemand cannot retrieve any documents that have index values that have been updated. Do not specify *YES unless you are certain that no indexes have been changed. If you have updated any indexes, use *NO instead.

Other enhancements

See the [Customer Notices and information - IBM i 7.3 website](#) for additional Content Manager OnDemand for i 7.3 enhancements that are available through PTFs and are also included in Content Manager OnDemand for i for IBM i V7.4. These enhancements are related to encryption, managing documents, administering objects, and allowing coexistence of 32-bit and 64-bit clients and/or version 9.5 and 10.1 clients on a single workstation.

On that website, click on the [Content Management OnDemand for i 7.3 Enhancements \(176KB\)](#) link to open the PDF document.

Many of the enhancements described in the PDF document have been the subject of tips in previous issues of this newsletter.

What about V7.3 and V7.2?

Select enhancements available in V7.4 will be ported back to V7.3 and V7.2. Watch future issues of this newsletter for more details.

Tips – IBM i

New parameter for the STRMONOND command

A new keyword, Message logging (LOG), has been added to the Start Monitor (STRMONOND) command. This enhancement is available at V7.2 and higher.

The help for this keyword will be added in a future release, and will read as follows:

Specifies whether the monitor job sends detailed messages to the job log. This can be helpful when implementing a new monitor to ensure that reports are loaded into the expected application groups and applications according to the specified parameters and monitor user exit programs.

*NO

Do not send detailed messages to the job log.

*YES

Send detailed messages to the job log.

Additional Information

Knowledge Centers

Content Manager OnDemand for Multiplatforms [Knowledge Centers](#)

Content Manager OnDemand for z/OS [Knowledge Centers](#)

Content Manager OnDemand for i [Knowledge Centers](#)

Publication Libraries - PDF versions of the documentation

Multiplatform	Version 9.5	Version 10.1	–
z/OS	Version 9.5	Version 10.1	–
IBM i	Version 7.2	Version 7.3	Version 7.4

Product System Requirements

Multiplatform	Version 9.5	Version 10.1	–
z/OS	Version 9.5	Version 10.1	–
IBM i	Version 7.2	Version 7.3	Version 7.4

More Enterprise Content Management web sites

IBM Content Manager OnDemand [Product Overview](#)

[Compatibility Matrix](#) for the Content Manager OnDemand clients and servers

IBM Content Navigator [Product Overview](#)

IBM Software [Support Lifecycle](#) Policies (search for Content Manager OnDemand)

Social Media

Follow [@IBM_ECM](#) on twitter for almost real-time news & updates on Content Manager OnDemand. For more information and links to all social media sites, see [support item 1673183](#).

OnDemand User Group

The primary objective of the [OnDemand User Group](#) (ODUG) is to create an environment and network encouraging the exchange and development of information regarding Content Manager OnDemand and its associated products.

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