



ONDEMAND NEWSLETTER

NEWS AND TIPS ABOUT IBM CONTENT MANAGER ONDEMAND 3RD QUARTER 2014

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ADDITIONAL INFORMATION

NEWS

About this Newsletter

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

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

Correspondence related to this bulletin should be directed to odnews@us.ibm.com.

OnDemand for i V7.2 announced and available

OnDemand for i V7.2 was announced on April 29th and is now available. For more information, see IBM US announcement letter [214-186](#).

See also: IBM Canada Ltée Annonce de logiciel [A14-0355](#); IBM Canada Ltd. Software Announcement [A14-0355](#); IBM Asia Pacific Software Announcement [AP14-0180](#); IBM Japan Software Announcement [JP14-0229](#); IBM EMEA Software Announcement [ZP14-0231](#); and IBM Latin America Software Announcement [LP14-0230](#).

Details of new and enhanced functions are included in the Tips - IBM i section of this newsletter.

IBM Insight 2014

IBM Information On Demand is now Insight 2014!

The name of the conference has changed for a reason: It's no longer just about information; it's what you can do with the information.

Insight is the ideal forum to share your experiences and best practices in big data and analytics with more than 13,000 of your peers. Areas of interest will include Information Management, Business Analytics and Enterprise Content Management, plus dozens of business and industry tracks and roadmaps.

Register by July 31, 2014 to save \$600.

Insight 2104 is the place to learn about innovations in Hadoop and stream computing, in-memory technology, database as a service, information integration and governance (IIG) and context computing. During Insight 2014, clients, Business Partners and IBMers will:

- Explore deep dives into technology for databases, database tools, data warehousing, data integration and optimized systems.
- Get up close with stream computing and Hadoop-based systems.
- Learn what's hot in information governance, master data management, information integration, data security and lifecycle management.

[Register early](#) to take advantage of the Super Saver discount and best rates on registration and hotel accommodations.

Updated ICN Redbook available

The redbook *Customizing and Extending IBM Content Navigator* has been updated and is now available on redbooks.ibm.com.

This IBM Redbooks® publication guides you through the Content Navigator platform, its architecture, and the available programming interfaces.

It describes how you can configure and customize the user interface with the administration tools provided, and how you can customize and extend Content Navigator using available development options with sample code.

Customization topics include implementing request and response filters, external data services (EDS), creating custom step processors, and using Content Navigator widgets in other applications.

This book also covers mobile development, viewer customization, component deployment, and debugging and troubleshooting.

IBM Navigator on Cloud

IBM Navigator on Cloud improves productivity and collaboration through an Enterprise Content Management (ECM) solution delivered on the cloud.

Based on IBM Content Navigator, IBM Navigator on Cloud offers a highly extensible and consistent ECM experience platform.

IBM Navigator on Cloud can:

- Empower users virtually everywhere with pervasive mobile and web content collaboration.
- Help users search and act on content more easily and with greater security in a managed and auditable environment.
- Deliver customized content solutions with a flexible cloud model that accelerates time to market.

More information is available on the [IBM Navigator on Cloud web page](#).

OnDemand University revived!!!

Are you new to OnDemand? Have you recently upgraded to Version 9? Do you need formal training? Then we have the answer for you!

At the recent request of IBM, enChoice, Inc. has taken over the OnDemand education by reviving the OnDemand University. All of the materials have been updated to the latest version, with extra modules added for some of the new features.

enChoice is offering custom classes, instructor led online classes; and in the near future, self paced classes. If interested, please contact Michelle Christensen (mchristensen@enchoice.com) or Louise Hawley (lhawley@enchoice.com) or go to www.enchoice.com and check out the news release.

IBM Content Manager OnDemand Workshop in Chicago

Invite your OnDemand customers and prospects to a free IBM workshop!

Whether new to Content Manager OnDemand, an experienced professional, or considering migrating off of an older, less functional repository, your clients need to attend this exciting 3-day event to learn about the following topics from OnDemand development and subject matter experts. All platforms will be included.

Session Highlights

- Why your organization needs Content Manager OnDemand
- What's new in Content Manager OnDemand Version 9
- Trends, Direction and Futures

- Architecture
- Best Practices
- Report Mining Capabilities
- Report Distribution Capabilities
- Enhanced Retention Management
- Full Text Index and Search
- PDF Indexing
- XML Capabilities
- Transforms
- OnDemand and DataCap Capture
- High Availability (HA) and Disaster Recovery (DR)
- Value Added Offerings from our Top Business Partners
- IBM Content Navigator Client and Mobile Device Support
- Migration and Conversion Services to Content Manager OnDemand

Audience

System administrators, IT managers, call center managers, CIO's, CMO's, or anyone interested in understanding the capabilities of Content Manager OnDemand

Cost

These sessions are offered free of charge. Participants are responsible for their own travel expenses.

Chicago, Illinois

July 22-24 from 9:00 AM to 4:00 PM

IBM 71 S. Wacker Drive, 6th Floor
Chicago, IL 60606

[Registration link](#)

Additional Information

For additional information, please contact Bruce Foster - bdfoste@us.ibm.com or Greg Rochocki - rochocki@us.ibm.com.

TIPS – CROSS PLATFORMS

Date field not displayed in the OnDemand Client

Problem

I created a new application, application group, and folder at server version 9.0.0.n with the OnDemand Administrator client version 9.0.0.n. The date fields are not displayed for users with OnDemand end-user clients at version 8.5.0.n.

Cause

The date fields were created with the new internal date format which is not supported by OnDemand clients prior to version 9.0.0.1.

Resolving the problem

Either create date fields with a type of 'Date (old style)' or upgrade the end user OnDemand clients to version 9.0.0.1 or later.

Note that clients include the OnDemand Windows end-user client, ODWEK CGI and Servlet, and ODWEK Java APIs.

This tip is adapted from [support item 1667028](#).

Using different delimiters with ARSDOC

Input to the ARSDOC program can be provided on the command line and in a parameter file. When a parameter file is used, the options and values are delimited by a left and right square bracket. For example, a parameter file for the ARSDOC QUERY function looks similar to the following:

```
arsdoc query -u oduser -p odpasswd -h odserver -v -F parmfile.txt
```

Contents of parmfile.txt:

```
[-f "Credit Card Statements"] [-i "where account = '000-000-000'"]
```

```
[-f "Credit Card Statements"] [-i "where account = '000-000-001'"]
```

Using left and right square brackets as the parameter delimiters works in all cases except when an option value contains a left or right bracket. For example:

```
arsdoc query -u oduser -p odpasswd -h odserver -v -F parmfile.txt
```

Contents of parmfile.txt:

```
[-f "Credit Card Statements"] [-i "where account = '000-000-000' and name =
```

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```
'Republic Bank [North]']
```

```
[-f "Credit Card Statements"] [-i "where account = '000-000-000' and name =  
'Republic Bank [South]']
```

In the example, the name in the SQL string for the -i option contains a left and right bracket. When the parameter file is processed, the requests in the parameter file fail and an error message is displayed. To resolve this issue and to allow any two characters to represent the left and right delimiters for the options, a new keyword must be added to the parameter file. The keyword must be on the first line of the file and looks similar to the following:

```
DELIMS=[ ]
```

In the example, the left delimiter is the left square bracket and the right delimiter is the right square bracket. Any two different characters can be used but they must not be contained in any of the options or values. To resolve the problem described earlier with the left and right square brackets being part of the name in the SQL string, the parameter file can be set up similar to the following using left and right curly braces as the delimiters:

```
arsdoc query -u oduser -p odpasswd -h odserver -v -F parmfile.txt
```

Contents of parmfile.txt:

```
DELIMS={}
```

```
{-f "Credit Card Statements"} {-i "where account = '000-000-000' and name =  
'Republic Bank [North]'"}
```

```
{-f "Credit Card Statements"} {-i "where account = '000-000-000' and name  
= 'Republic Bank [South]'"}
```

The DELIMS line is optional. If not specified, the delimiters will be the left and right square brackets. The left and right delimiter cannot be a space and must be different characters. The only acceptable format for the DELIMS keyword is "DELIMS=". The left and right delimiter must immediately follow the equal sign. If more than two characters are provided after "DELIMS=", the other characters will be ignored and no error will be reported.

Notes:

- The DELIMS keyword is supported at server level v9.0.0.n and higher.
- If you are using a CCSID that does not contain the square bracket characters, such as 420 – Arabic EBCDIC, you are required to use the DELIMS keyword.

More information about messages issued when loading data

Question

Why am I getting any of the messages ARS1407W, ARS1408W, ARS1409I, ARS1410W, ARS1411W, and ARS1412E when loading data?

Note that loading data is performed by the ARSLOAD command, and by IBM i commands *Add Report to OnDemand* (ADDRPTOND), *Start Monitor for OnDemand* (STRMONOND), and *Merge Spooled Files* (MRGSPLFOND).

Answer

These messages were added to the data loading process to inform you of potential issues with documents you are loading into OnDemand. If you are receiving any of these messages, there could be potential problems with end user applications trying to retrieve and use these documents.

ARS1407W "Warning: A document with >X< pages and size of >Y< bytes was processed. It is recommended that the application be defined to use large object support when dealing with documents of such size. Although data might be store successfully, it is possible that the data might not be able to be retrieved successfully."

The ARS1407W message indicates that a single AFP, Line Data, or SCS document within the load was larger than the recommended document size of 50MB. Large documents such as this can be broken into smaller segments by using Large Object support. By changing the application to take advantage of Large Object support, you will make these documents easier to navigate in end user client applications, provide more consistent retrieval times, and put less stress on your network. If you do not want to change the setup of the report, the message can be ignored.

ARS1408W "Warning: A document of size >X< bytes was processed. It is not recommended to store documents in OnDemand greater than 50MB in size. Although data might store successfully, it is possible that the data might not be able to be retrieved successfully."

The ARS1408W message indicates that a single PDF or User Defined document within the load was larger than the recommended document size of 50MB. For PDF and User Defined documents there is no way to segment these into smaller segments. Breaking PDF documents into smaller sizes can be accomplished by refining the indexing parameters for the PDF Indexer. This message is to make you aware that the data you are loading might cause some performance issues retrieving, viewing, and navigating these larger documents in end user client applications. These large documents can also impact your network performance. If you do not want to change the setup of the report, the message can be ignored.

ARS1409I "It is recommended that the application compression type be updated from >L,3,4,5,Z< to >OD77< in order to use more efficient and higher compression ratio algorithms."

The ARS1409I message indicates that this application still uses older forms of compression such as LZW12, LZW13, LZW14, LZW15, and LZW16. You get better compression ratios and

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performance by using OD77 compression. These older forms of compression are still supported. If you do not want to change the setup of the report, the message can be ignored.

ARS1410W "Information about the load that is stored in order to support certain features has exceeded the recommended size. The current size is >X< bytes and the recommended maximum size is 100MB. It is recommended that the load be split into a series of smaller loads."

The ARS1410W message indicates that a large metadata file has been created and stored with this load. The metadata file contains the index information that was extracted during this load. This file is used later by end-user applications that support retrieving by Load Id. The size reported in this message is uncompressed. Examples are the ARSDOC commands that use the -X option, or Full Report Browse by the Windows end-user client. Large metadata files such as this are read in as a single buffer for use in retrieving the entire load. The larger this file is, the larger the internal buffer required to hold it. If you want to take advantage of applications or commands that use the Load Id, you must break this report into smaller pieces.

On IBM i, the Load ID is used on the *Remove Report from OnDemand* (RMVRPTOND) and *Print Report from OnDemand* (PRTRPTOND) commands, and at V7.2, on the *Change Policy Level Date* (CHGPLDOND) command.

ARS1411W "Warning: The application group does not have a storage set defined and therefore will default to cache only. It is recommended that the application group have a defined storage set."

The ARS1411W message indicates that the application group does not have a defined storage set and the data being loaded now will be placed in cache. This is the default if no storage set is defined. This might have not been what your intentions were. You might have requirements to store the data on more permanent storage such as Tivoli Storage Manager (TSM). You should update the application group with the desired storage set.

On IBM i, the commands *Add Report to OnDemand* (ADDRPTOND), *Start Monitor for OnDemand* (STRMONOND), and *Merge Spooled Files* (MRGSPLFOND) prevent loading data if a storage set is not specified in the application group.

ARS1412E "The document size of >X< bytes exceeds the maximum size allowed of >2147483647< bytes.

The ARS1412E message indicates that there is a document within the load that exceeds 2GB. OnDemand has established a 2GB limit for a single document. Documents of this size or larger are impossible to navigate in end user applications and impact network performance. This message cannot be ignored. You need to refine your indexing parameters to break the document into smaller pieces. If the data is AFP, Line Data, or SCS, Large Object support can be used.

This tip is adapted from [support item 1677989](#).

TIPS – MULTIPLATFORMS

OnDemand server issues the message ARS0188E and exits

The OnDemand server issues the message "ARS0188E Unable to create thread. The return code is X" and then ends. This might occur when the server is under a heavy load.

Cause

On UNIX platforms, the OnDemand server attempts to create a thread to handle incoming client requests. If the server is unable to create a thread, it will issue this message. The return code is an errno value and can be looked up in errno.h, usually located in the /usr/include/sys directory. The server exits because it can no longer accept client requests.

The most common reason for this error is that the OnDemand server environment is limited in the amount of memory that can be used by the process. Prior to Content Manager OnDemand V8.5, the OnDemand server was process-based and the amount of memory per process was segmented by this architecture. An environment's low memory limits per process were not as restrictive. In Content Manager OnDemand V8.5, the server architecture changed to be a single multi-threaded process. This architecture requires more memory and the per process limits can be too restrictive.

Diagnosing the problem

Issue the command "ulimit -a" as the user who starts OnDemand. The output lists the environment's soft limits that are inherited by the OnDemand server. The output of this command varies by platform, but contains at least this information.

```
>ulimit -a
time(seconds)      unlimited
file(blocks)       unlimited
data(kbytes)       unlimited
stack(kbytes)      4194304
memory(kbytes)     unlimited
coredump(blocks)   unlimited
nofiles(descriptors) unlimited
threads(per process) unlimited
processes(per user) unlimited
```

Resolving the problem

The values to note in the output of the ulimit command are data, stack, memory, and nofiles. The OnDemand server's ability to handle load are restricted by these values. The IBM recommendation is to set them to "unlimited" to allow the OnDemand server to access all the available physical memory resources on the system. You can do this by updating the limits values for the user that starts the OnDemand server. The method used to update the limits varies by platform. You can also update the values from the command line by using the ulimit command itself.

If this does not solve the problem, you will need to install more physical memory.

This tip is adapted from [support item 1618982](#).

TIPS – z/OS

OnDemand for z/OS Quick Hits

Change in FTP site

When uploading data to IBM support, if you're using ftp.emea.ibm.com, change your JCL to use ftp.ecurep.ibm.com

Start using 64-bit Java at your convenience

If you have completely upgraded to OnDemand V8.5 or higher, it's time to switch to 64 bit Java.

HEAP info

After installing the corresponding PTF for APAR PI10044, do not override HEAP settings unless you perform the tuning exercise again. If you have this line in your ARS.CFG file, remove it:

```
ARSMVS_ARSADMIN_LEOPTS=HEAPP(ON)
```

How fast is OAM?

Issue the command `f arsockd,d,oam` to display the status of the OAM threads. Then subtract the start and stop times.

For example:

```
F ARSSOCKD,D,OAM
ARS0375I 13.21.14 DISPLAY OAM
DB2      DB1A      PLAN CBRIDBS   GENERAL      8 SLOW      1
TCB@     STATUS COLLECTION/OBJECT
007CE6B0 IGDE     ARS.COLLECT
                JJA.L57.FAA*
                START=13.16.59.963 STOP=13.17.00.021
007CE408 IGST     ARS.COLLECT
                JJA.L57.FAA1
                START=13.16.39.001 STOP=13.16.39.009

007CE160 IG
007CAE88 IG
007CABE0 IG
007CA938 IG
007CA690 IG
007CA3E8 IG
007CA140 IS
```

The RESOURCE DD statement

Question

Why am I seeing the message "ARS5446I Open failed for AFP resource file – RESOURCE"?

Answer

This message only appears when using the OS/390 Indexer, and there is no DD statement for an AFP resource file. AFP resources can be in-stream in the input file or they can be in an external file that is specified in a separate DD statement.

If there is no external resource file, you can change your ARSLOAD jobs that use the OS/390 Indexer to have the following DD statement:

```
...  
//SYSOUT DD SYSOUT=*  
//CEEDUMP DD SYSOUT=*  
//INPUT DD DISP=SHR,DSN=HLQ.F00.TEXT  
//RESOURCE DD DUMMY <<<add this statement
```

A RESOURCE DD DUMMY statement lets the OS/390 Indexer know there is no separate RESOURCE file.

If the //RESOURCE DD is not present in the JCL, you will receive the informational message ARS5446I.

More information can be found in the OnDemand Knowledge Centers. Links to the Knowledge Centers are available on the last page of this Newsletter.

TIPS – IBM I

Highlights of OnDemand for i V7.2

Highlights of the Content Manager OnDemand for i V7.2 release include the following:

Support for full text search

Full text search is an optional feature that enables content that is not easily identified by regular indices to be quickly and efficiently stored and retrieved. Full text search creates an optimal index of all the words within a document and enables rapid search and retrieval against that index. It works with the OnDemand Windows end-user client, IBM Content Navigator, and customer-written applications.

Some highlights of full text search are:

- You can perform wildcard searches, fuzzy (or similar) searches, proximity searches, and Boolean searches, just to name a few.
- All types of spooled files can be full text indexed. For example SCS, AFP, and SCS-Extended, plus PDF documents and user defined data such as MS Office, xml, and text files. Note that image files such as BMP and TIFF cannot be full text indexed.
- Documents can be added to the full text indexing queue at load time, or can be added to the queue later using the ARSDOC FTI_ADD command.
- The full text indexing process (known as the FTS Exporter) can be run on the IBM i system or on another OnDemand server.
- The full text index server runs on a Windows, Linux, or UNIX server.

More information can be found in the white paper [Best Practices for Content Manager OnDemand Full Text Search](#).

PDF Indexer changes

The following enhancements and changes were made to the PDF Indexer at V7.2.

- PDF indexing time has been reduced up to 75%.
- Hexadecimal triggers used with the PDF indexer must now be coded in ASCII instead of EBCDIC. Existing applications will fail during indexing until the triggers are changed.

For example, the trigger 'Page 1' specified using EBCDIC hex is this:

```
TRIGGER1=UL(5.40,1.92),LR(6.00,2.07),*,X'D781878540F1'
```

The trigger needs to be changed to this ASCII hex value:

```
TRIGGER1=UL(5.40,1.92),LR(6.00,2.07),*,X'506167652031'
```

- The Portable Applications Solutions Environment (PASE) is a prerequisite for the PDF Indexer and for Content Manager OnDemand for i at V7.2. PASE is included with the operating system and is installed as 5770SS1 option 33.

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Password stash file support has been added to IBM i commands

Password stash file (an encrypted file used to store userids and passwords) support has been added to the following IBM i commands: *Add Report to OnDemand* (ADDRPTOND), *Start Monitor for OnDemand* (STRMONOND), and *Merge Spooled Files* (MRGSPLFOND).

When the STASHFILE parameter is specified on these commands, the ARSLOAD userid and password from the stash file are used.

Using stash files, loading between different IBM i systems while using IBM i operating system security integration is now supported. See [support item 7014901](#).

A stash file can be also used by these commands: ARSDOC, ARSLOAD, and ARSXML at server version 9.0.0.x and higher on both V7.1 and V7.2.

More information can be found in the OnDemand Newsletter - 2nd Quarter 2013, and in the V7.2 Knowledge Center. A link to the Knowledge Center is available on the last page of this Newsletter.

Hold threshold support has been added to IBM i commands

Hold threshold support has been added to the following IBM i commands: *Start Disk Storage Management* (STRDSMOND) and *Remove Report from OnDemand* (RMVRPTOND).

Hold threshold support provides the capability to better manage your document storage requirements when using the optional Enhanced Retention Management feature.

Change Policy Level Date command now supports specification of a report ID

The *Change Policy Level Date* (CHGPLDOND) command now supports specification of a report ID (also known as load ID). You can now change the policy level date on an individual load.

Archive Storage Manager reports are now stored in the System Log

Archive Storage Manager reports are now loaded into OnDemand for easier access and long-term storage. You can now find your storage management messages and reports from both DSM and ASM in the System Log. Several notes about this support:

- ASM starts the server if it is not already running, so that the reports can be loaded.
- Requires the instance profile to be added to instance if not already present.
- Uses message number 777.
- The ASM report is contained within the message document.

OS/400® Indexer enhanced

The OS/400 Indexer now supports indexing up to 378 character-wide spooled files to expand indexing capabilities for very wide reports.

- Note that the *Print Text for OnDemand* (PRTTXTOND) command only supports up to 371 characters. This means that your triggers, fields, and indexes must be located within the first 371 characters of your spooled file.

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Create Instance for OnDemand (CRTINSTOND) change

To improve performance, all new instances are created with the System Log message exit disabled. If you need to enable the exit, edit the ARS.CFG file for that instance.

```
# DISABLE OR ENABLE THE SYSTEM LOG EXIT POINT
# - SET TO 1 TO DISABLE THE CALL OF THE ARSLOG EXIT PROGRAM
# - SET TO 0 TO ENABLE THE CALL OF THE ARSLOG EXIT PROGRAM
ARS_DISABLE_ARSLOG=1
```

The System Log message exit can also be disabled for existing instances after upgrading to server version 9.0.0.x on both V7.1 and V7.2.

Additional functions available at V7.2

The following functions, which were added to V7.1 via PTFs, are also available in V7.2.

Administration

- The Content Manager OnDemand component is supported in IBM Navigator for i. IBM Navigator for i is the new browser based interface for administering your IBM i system.
 - ♦ The Content Manager OnDemand component supports all of the administrative tasks currently available in the OnDemand Archive plugin of System i Navigator, but requires no special software on the user's workstation. At V7.1 the Content Manager OnDemand component was named OnDemand Administration.
 - ♦ Note that for sample data to be downloaded to the graphical indexer, software must be installed. More information can be found in the OnDemand Newsletter - 3rd Quarter 2013.
- Folder field names and descriptions can be defined in multiple languages. More information can be found in the OnDemand Newsletter - 3rd Quarter 2012.
- The Find Once and Use Load Default or Propagation options are now supported by the graphical indexer for use with the OS/400 Indexer. More information can be found in the OnDemand Newsletter - 4th Quarter 2012.
- Spooled file selection has been enhanced in the OnDemand Administrator client. You can now specify the User Data, Form Type, Job name, or File name attributes, either separately or together, to produce a smaller list of spooled files from which to select. More information can be found in the OnDemand Newsletter - 4th Quarter 2012.
- You can now set the number of spooled files searched when retrieving a list of spooled files from the Select File panel of the OnDemand Administrator client. More information can be found in the OnDemand Newsletter - 4th Quarter 2012.
- Query restrictions now support defined macros. More information can be found in the OnDemand Newsletter - 1st Quarter 2013.

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- Query restriction SQL strings can be built using a graphical user interface. To improve the usability of entering query restrictions, a new option has been added to the OnDemand Administrator client that allows the user to build the SQL string using a graphical user interface. More information can be found in the OnDemand Newsletter - 1st Quarter 2013.
- An XML schema validation function has been added to the ARSXML batch administration API support by using ARSXML VALIDATE.

Clients

- IBM Content Navigator now supports Content Manager OnDemand for i. More information on IBM Content Navigator can be found on ibm.com.
- The OnDemand Windows end-user client now supports updating index values. More information can be found in the OnDemand Newsletter - 4th Quarter 2012.
- Exporting of search hit lists and documents directly to .csv file format is now possible when using the OnDemand Windows end-user client.
- The Java Line Data Viewer applet jar file is now timestamped so that it no longer expires.
- The Java Line Data Viewer applet now supports logical views, local print options, print line count, and color selection.
- The Java APIs include support for Folder fields in multiple languages.
- Multiple Java APIs have been added to increase availability of document details such as page count, document size, document code page, and page rotation.

Indexers

- The OS/400 Indexer and PDF Indexer now support up to 128 fields and 16 triggers.
- The PDF Indexer now supports float triggers. More information can be found in the OnDemand Newsletter - 2nd Quarter 2013.
- The PDF Indexer can now use metadata within a PDF document to create indexes. The entire document will be indexed as one group. The names of the metadata fields will be used as the index names.

Server

- New Date and Date / Time field types eliminate internal OnDemand date limitations. More information can be found in the OnDemand Newsletter - 1st Quarter 2013.
 - ♦ The new Date and Date / Time field types require the use of OnDemand V9 clients. See the Tips – Cross Platforms section of this newsletter for more information.
 - ♦ The Time field type is deprecated and removed. Existing application groups using the Time field type continue to work. New application groups *can not* be created with a Time field.

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- Additional language support for alphabetic month names in dates has been added to the load process. For more information see [support item 7028684](#).
- Support has been added for Secure Sockets Layer (SSL). For more information see [support item 7041973](#).
- The format of the Load ID (also known as the Report ID) has been enhanced to include the date in a timestamp format, and to include the application ID. See the next tip in this newsletter for more information.
- A new DECFLOAT data type has been added. The DECFLOAT data type supports a decimal floating-point value. Precision of both 16 and 34 digits can be specified.
- User security enhancements have been added for user proxy, last login, and password limits and restrictions when using OnDemand security.
- User login messages in the System Log include additional information about the client connection. This information includes platform, command, and version information.
- Compatibility with Content Management Interoperability Services (CMIS) has been added.
- Use IBM System Dashboard for Enterprise Content Management to proactively identify and resolve potential performance problems before they occur.

Load ID changed at server version 9.0.0.x

The format of the Load ID (also known as the Report ID) has changed at server version 9.0.0.n. The Load ID is used on the *Remove Report from OnDemand* (RMVRPTOND) and *Print Report from OnDemand* (PRTRPTOND) commands, and at V7.2, on the *Change Policy Level Date* (CHGPLDOND) command. The Load ID is also supported by many of the ARSDOC commands, for example ARSDOC GET.

At server version 8.5.0.n and lower

The format of the Load ID is agid-pnid-snid-load_id-start_date-end_date, where:

agid – Application group identifier

pnid – Primary node identifier

snid – Secondary node identifier

load_id – Unique identifier for each load with the application group

start_date – Starting segment date in the internal date format

end_date – Ending segment date in the internal date format

For example: 5344-3-0-42FAA-16253-16254

At server version 9.0.0.n and higher

The format of the Load ID is agid-pnid-snid-load_id-start_ts-end_ts-aid, where:

agid, pnid, snid, and load_id as previously described

start_ts – Starting segment time stamp in YYYYMMDD000000 format

end_ts – Ending segment time stamp in YYYYMMDD000000 format

aid – Application identifier

For example: 5344-3-0-56FAA-20140715000000-20140716000000-5345

Partial Load ID

A partial Load ID can be specified on any of the commands that support a load ID parameter. The partial Load ID can be used at any server version and any IBM i release level.

The partial load ID includes the following:

Application group identifier

Primary and secondary node identifiers

Load identifier within the application group

Zeros for the starting and ending dates or timestamps

The application identifier can be omitted or represented by -0.

At server version 8.5.0.n or lower: 5344-3-0-56FAA-0-0

At server version 9.0.0.n or higher: 5344-3-0-56FAA-0-0 or 5344-3-0-56FAA-0-0-0

ADDITIONAL INFORMATION

Additional information about IBM Content Manager OnDemand can be found at the following web sites.

Knowledge Centers

OnDemand for Multiplatforms [Knowledge Centers](#)

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

OnDemand for i [Knowledge Centers](#)

Publication Libraries - Containing all PDF versions of the documentation

OnDemand for Multiplatforms Version 9.0 [Publication Library](#)

OnDemand for Multiplatforms Version 8.5 [Publication Library](#)

OnDemand for z/OS Version 9.0 [Publication Library](#)

OnDemand for z/OS Version 8.5 [Publication Library](#)

OnDemand for i Version 7.2 [Publication Library](#)

OnDemand for i Version 7.1 [Publication Library](#)

Product System Requirements

OnDemand for Multiplatforms Version 9.0 [System Requirements](#)

OnDemand for z/OS Version 9.0 [System Requirements](#)

OnDemand for i Version 7.2 [System Requirements](#)

More OnDemand Web Sites

OnDemand [Product Overview](#)

[Compatibility Matrix](#) for the OnDemand Clients and Servers

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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