



Rocket iCluster

Release Notes

Version 8.3.1

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Notices

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Corporate information

Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

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To contact Rocket Software by telephone for any reason, including obtaining pre-sales information and technical support, use one of the following telephone numbers.

Country	Toll-free telephone number
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In addition to using the Rocket Community to obtain support, you can use one of the telephone numbers that are listed above or send an email to support@rocketsoftware.com.

Changes and enhancements in iCluster 8.3.1

This release contains changes and enhancements in the following areas.

System requirements

System requirements have not changed since release 8.3.

For full details on the system requirements, see the "System requirements" section of the *Rocket iCluster Installation Guide Version 8.3* in the [Rocket Documentation Library](#).

Upgrade path

You can only upgrade to iCluster release 8.3.1 directly from iCluster 8.3.

For releases earlier than 8.3, first upgrade to 8.3 and then to 8.3.1.

Deprecated functionality

Deprecated functionality is still in the current release but might be removed in a future release. Review the details for each deprecation, and plan how to manage future changes. In some cases, you might want to discontinue using deprecated functionality.

Deprecated functionality	Description
iCluster Administrator	The iCluster Administrator provides a Java-based alternative to the green screen interface for performing iCluster administrative tasks.
iCluster Mobile Monitor	The iCluster Mobile Monitor performs replication monitoring of an iCluster environment from a smart phone, tablet, or computer that has remote access to the servers where iCluster is installed.

Note: All iCluster administrative and replication monitoring tasks can be performed from the computer green screen interface.

Enhancements

Enhancement	Description
Add option to work with a specific object to execute the WRKOBJ command	When using the WRKCSMON command to display the Full Cluster Status Monitor, the "Work With Object Status" panel now includes option 8 (Work With Objects) to bring up the Work with Objects (WRKOBJ) screen where you can execute the WRKOBJ command. This feature facilitates refreshing and saves time spent in analyzing objects.
Unify the iCluster time format in the event log with the IBM i OS format	The time format in system messages is controlled by three system values: QDATFMT, QDATSEP, and QTIMSEP. iCluster now aligns the time format in the event log with the format of these three system values.
Support SQL object replication on IASP	iCluster now supports the replication of SQL objects on IASP, similar to replication for other objects such as native objects and BSF files.

Enhancement	Description
Enhance the iCluster message when processing a role switch request	iCluster now provides a more meaningful CSI1231 message that includes the group information, indicating which group has been forwarded to process the role switch request.
Support optimization for processing *OUTQ in the sync check process	In order to avoid generating too many job logs, iCluster now uses a maximum number of times to check message queue objects when the sync check is completed.
Enhance the DMACTOOS command with a new option for journaling	The new *JRN option has been added to the RFSHTYPE parameter of the DMACTOOS command. It refreshes only the journal information of objects that are out of sync with the JRN (journaling on target) reason code. The objects will be removed from the list of out-of-sync objects for the group, provided they are not listed as being out of sync for another reason.
MQ V9R2 support	iCluster now supports the MQSeries version MQ V9R2. Supported versions are listed below in the section "MQSeries product version support."

MQSeries product version support

iCluster now supports the following MQSeries product versions:

MQSeries product version in cluster	MQ server version
V9R2M0	9.0.0.8
	9.2.0.0
V9R0M0	9.0.0.8
	9.2.0.0
V8R0M0	9.0.0.8
	8.0.0.9
	9.2.0.0
V7R1M0	9.0.0.8
	8.0.0.9
V5R2M0	9.0.0.8
	8.0.0.9

Fixed issues in iCluster 8.3.1

The following bugs have been fixed in this release.

ID	Description	Components
IC-17747	<p>Hold/Release operations should not be applied on suspended spool files</p> <p>Hold or Release operations now work correctly on suspended spool files.</p>	Command & menu enhancements
IC-17845	<p>Failed to display job log from DMDSPLLOG panel</p> <p>When trying to display the job log from the DMDSPLLOG panel, the display could fail when multiple spooled files generated into the same job. Now, in this situation, a new OMI2938 message tells the user to use the WRKSPLF command to display the job log.</p>	Event log and messages
IC-18108	<p>OMTARGET job ended while retrieving user space data</p> <p>The OMTARGET job no longer ends unexpectedly while retrieving user space data.</p>	Object Engine
IC-18164	<p>DMENDGRP doesn't work well when setting GROUP with *PRIMNODE</p> <p>Running the DMENDGRP command using the parameter GROUP with *PRIMNODE and a BACKUP node now correctly ends only the groups with nodes as defined by both *PRIMNODE and BACKUP.</p>	Command, Data engine
IC-18174	<p>In sync check report, '# failed' is different from number of objects in 'Out of Sync or Unavailable Object List' and 'Attribute Difference Details'</p> <p>The sync check report '# failed' result now matches the number of objects in the 'Out of Sync or Unavailable Object List' and the 'Attribute Difference Details' list.</p>	Sync check, Report
IC-18217	<p>Prevent the SEV40 error CPF9801 reported in DMSTRCST command</p> <p>Running the DMSTRCST command no longer causes the SEV40 error message CPF9801 "Object DMPRODUSER in library *LIBL not found."</p>	Startup, Command
IC-18252	<p>For upgrading ICLUSTER, library in file QACLSRC member STARTUP is still DMCLUSTER</p> <p>When upgrading ICLUSTER to V8.3, the product library name in file QACLSRC member STARTUP is now correctly changed from DMCLUSTER to ICLUSTER.</p>	Installation
IC-18295	<p>Refresh-only group cannot replicate SQL objects when starting</p> <p>A refresh-only group can now correctly replicate SQL objects when starting.</p>	SQL objects replication, Refresh-only group
IC-18331	<p>Cannot change BSF object specifier /QOpenSys/*</p> <p>In a command such as the following, the BSF object specifier /QOpenSys/* is now properly checked for and can be changed.</p> <pre>DMCHGBSF GROUP (<i>group_name</i>) PATH ('/QOpenSys/*') JOURNAL (*GROUP)</pre>	IFS

ID	Description	Components
IC-18332	<p>BSF object specifier /QOpenSys/* can be added several times into group</p> <p>In a command such as the following, the BSF object specifier /QOpenSys/* is now properly checked for and can no longer be added into a group multiple times.</p> <pre>DMADDBSF GROUP (<i>group_name</i>) PATH ('/QOpenSys/*')</pre>	IFS
IC-18339	<p>REORG the keyed physical files while active, fails to replicate</p> <p>When performing a reorganization (via the RGZPFM command) on keyed physical files from the primary node, it can now replicate to the backup node correctly.</p>	Data engine mirroring
IC-18379	<p>CRTCFGOBJ OBJ(GNOUTQ*) OBJTYPE(*DEV) does not work for updating DEV</p> <p>The Create Configuration Objects command, CRTCFGOBJ, now correctly creates configuration objects of type *DEV, device description.</p>	Configuration Objects