



QSystems Management on IBM i 6.1

CCSS Products and IBM's Latest OS Release

Introduction

The QSystems Management suite of products enables you to proactively and efficiently manage your System i environments. The suite comprises the products QSystem Monitor, QMessage Monitor, and QRemote Control.

QSystems Management products are capable of running under the most recent release of the IBM midrange operating system, IBM i 6.1. This document provides instructions that will allow you to successfully employ QSystems Management products on IBM i 6.1.

Product Compatibility Information

All QSystems Management products are compatible with IBM i 6.1 (formerly, i5/OS V6R1). To ensure this compatibility, the correct release levels of the products need to be deployed. Generally, CCSS recommends using the most current releases, as they contain the most recent enhancements.

The following table lists the minimum release levels that will need to be deployed for i 6.1 compatibility:

Product	Version	Release
QSystem Monitor	12	008
QMessage Monitor	6	068
QRemote Control	2	062

The above releases have been optimized for compatibility with IBM i 6. For instance, QMessage Monitor V12R068 fully supports the new data types for message descriptions that were introduced in IBM i 6.1.

i 6.1 Instructions

Overview

CCSS recommends the following procedures with regards to the operation of QSystems Management products on IBM i 6.1. The precise instructions depend on two factors:

- Will an upgrade from an OS release previous to i 6.1 be performed or is i 6.1 the current OS release on that system?
- Have QSystems Management products already been installed in the environment or not?

Depending on those factors, the following actions need to be carried out:

1. If upgrading from a lower OS release: Obtain and install the i5/OS PTFs which IBM recommends in preparation of the OS upgrade.
2. Obtain the latest QSystems Management product releases from the CCSS office or CCSS agent who is your support contact.
3. Install the QSystems Management product releases.
4. If upgrading from a lower OS release: Perform OS upgrade.
5. If upgrading from a lower OS release: Perform the Collection Services “Restart” procedure.

If you follow these instructions, you will be able to fully utilize your QSystems Management products on IBM i 6.1.

Scenario 1: Pre-i 6.1 OS and CCSS products installed

In this scenario, you start from an existing pre-6.1 release of the OS and from an existing installation of QSystems Management products. To successfully operate the products under IBM i 6.1, perform the following steps.

1. Obtain and install the PTFs which IBM recommend as preparation for upgrading your OS to i 6.1. These comprise PTFs for the Base Operating System and for the Licensed Internal Code. A complete list has been published by IBM under Informational APAR II14310, available under:
http://www912.ibm.com/n_dir/nas4apar.nsf/3ba9e01a478de3f4862573db0067acee/6cf800ceaf8376c3862573e70041ec63?OpenDocument
2. Run the Analyze Object Conversion tool for IBM i 6.1. More information on this tool is available in the IBM Systems Information Center, under “i5/OS Information” → “i5/OS and related software” → “Installing, upgrading or deleting i5/OS and related software” → “Reviewing software (PTF) requirements” → [“Installing PTFs and analyzing your system for object conversions”](#). You may also want to read the article [“Tips for Working with the V6R1 Conversion Tool”](#) in the March 2008 online edition of IBM Systems Magazine.
3. Obtain the latest releases for your products from your CCSS office/agent. Upgrade your installed products to those releases, following the instructions in the manual and in the Release Notes. Make sure all monitored physical systems and partitions are upgraded. Note: This steps needs to be performed before the OS upgrade.
4. Upgrade your OS to IBM i 6.1, following IBM instructions.
5. If QSystem Monitor is one of the employed products: Perform the “Collection Services ‘Reset’ procedure”. This procedure corrects problems that sometimes occur when trying to use Collection Services after an i5/OS upgrade. Collection Services are a facility of the operating system which is employed by QSystem Monitor, e.g. to gather Communications Performance information. The “Reset” procedure is detailed in IBM technical document reference number 86257272006F5139, which is available here:
<http://www1.ibm.com/support/docview.wss?uid=nas18800862f0270baf586257272006f5139>
6. If QMessage Monitor is one of the employed products: Determine whether PTF [SI30590](#) is already installed on the i 6.1 system. If it is not installed, obtain and install the PTF. The PTF is associated with licensed program 5761SS1 (OS) and with Cumulative Level C8127610.

Scenario 2: New i 6.1 system, CCSS products installed

This scenario supposes you already have CCSS products installed on a number of pre-i 6.1 systems, to which you want to add a new system or partition running IBM i 6.1.

1. If you are adding a new physical system, not just a new partition, and would like to run QSystems Management products on the new system, please contact your CCS office/agent for licensing options.
2. Obtain the latest releases for your products from your CCSS office/agent.
3. Upgrade your installed products to those releases, following the instructions in the manual and in the Release Notes. Make sure all monitored physical systems and partitions are upgraded.
4. If QSystem Monitor is one of the employed products: Perform the “Collection Services ‘Reset’ procedure” on the i 6.1 system. This procedure corrects problems that sometimes occur when trying to use Collection Services after an i5/OS upgrade. Collection Services are a facility of the operating system which is employed by QSystem Monitor, e.g. to gather Communications Performance information. The “Reset” procedure is detailed in IBM technical document reference number 86257272006F5139, which is available here: <http://www1.ibm.com/support/docview.wss?uid=nas18800862f0270baf586257272006f5139>
5. If QMessage Monitor is one of the employed products: Determine whether PTF [SI30590](#) is already installed on the i 6.1 system. If it is not installed, obtain and install the PTF. The PTF is associated with licensed program 5761SS1 (OS) and with Cumulative Level C8127610.
6. Distribute the software from the existing host to the new system running under IBM i 6.1. If you are adding a new physical system, you will need to have received either temporary passcodes or a permanent passcode for the new system from your CCSS office/agent. Please see the product manuals and Release Notes for details.

Scenario 3: New i 6.1 system, CCSS products not installed yet

In the last scenario you are performing a first-time installation on a system which is already running on IBM i 6.1. This scenario is handled in the same manner as the standard scenarios for installation on pre-i 6.1 OS releases.

1. Obtain the latest releases for your products from your CCSS office/agent.
2. If QMessage Monitor is one of the employed products:
Determine whether PTF [SI30590](#) is already installed on the i 6.1 system. If it is not installed, obtain and install the PTF. The PTF is associated with licensed program 5761SS1 (OS) and with Cumulative Level C8127610.
3. Install the desired products, following the instructions in the manual and in the Release Notes.

Known Limitations

Security Audit Journal “XD” Entries

QMessage Monitor does not currently support the so-called Type 5 format of journal entries. Because of this limitation, a number of entry types for the Security Audit Journal cannot be processed by the Security Audit Journal Monitoring functionality contained in QMessage Monitor. These types include the entry type “XD” (Directory Server Extensions), which was introduced in IBM i 6.1. Entries with that type will be ignored by QMessage Monitor.

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CCSS develops, supports and markets IBM System i performance monitoring and reporting, message management and remote management solutions. An Advanced IBM Business Partner, CCSS develops powerful solutions to support some of the world's most demanding System i environments across many industries including insurance, banking, pharmaceutical and manufacturing. All CCSS solutions are IBM ServerProven.

Existing customers that rely on CCSS's feature-rich solutions include leading organisations such as Volvo, Mattel, Newell-Rubbermaid, The Royal Bank of Scotland, Siemens Medical, RWE npower and Waterstone's. CCSS is headquartered in Gillingham, Kent, UK with key regional headquarters in Raleigh, North Carolina, USA; Bonn, Germany and Makati City, Philippines together with a global agent network spanning Portugal, Brazil, the Netherlands and Sweden. www.ccsstld.com

