

XIV Management Tools v3.0.1

Release Notes

November 17, 2011

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Overview

IBM XIV Management Tools v3.0.1 contains all the utilities required to manage and monitor your XIV system: IBM XIV GUI for graphic management and control, IBM XIV Top for real time monitoring, and IBM XIV XCLI for CLI access and scripting.

Version 3.0.1 offers support for IBM XIV Storage System Gen3, as well as enhanced GUI functionality and usability and internal updates for XIVTop and XCLI utilities. The Management Tools package can be used to manage all generations of the XIV system from a single console.

For detailed information about the updates see the “New Features and Functions” section below.

For detailed information about the supported XIV system code version as well as the supported platforms for the management tools package, see the “System Requirement” section below

Reference Material

- **IBM Storage XIV system Gen3** release notes
- [IBM XIV Storage System Information Center](#), the IBM XIV documentation website. Includes user guide, reference guides and release notes for the storage system and its host software.
- “[IBM XIV Storage System: Architecture, Implementation, and Usage](#)”, IBM Redbook publication, Jan 2011. This publication describes the architecture and usage of the IBM XIV Storage system, and discusses various aspects of the IBM XIV Management Tools.

System Requirements

IBM XIV Management Tools Platform

OS:	Windows 2000, Windows ME, Windows XP, Windows Server 2003, Windows Vista, Windows 7, Windows 2008
CPU:	32 bit Dual Core or equivalent, 64 bit
OS:	MAC OS X 10.6 with Java version 1.6
CPU:	32 bit Dual Core or equivalent
OS:	Linux (Red Hat 5, SLES 10, SLES 11)
CPU:	x86, x64
OS:	AIX 5.3, AIX 6.1, AIX 7.1
CPU	PPC
OS:	Solaris 9, Solaris 10
CPU:	SPARC, x64
OS	HPUX 11i v2, HPUX 11i v3
CPU	PA-RISC, IA64
HD:	100MB Free
Memory	512MB RAM (1GB RAM and above recommended)
Monitor Resolution:	1024x768 (Recommended: 1024x768 - 1920x1200)

Monitor Color Quality:	24/32 True Color Recommended
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IBM XIV System

R2, R2.1, R2.2:	Code level 10.0.x, 10.1.x, 10.2.x
Gen3	Code level 11.0.x

Installation and Upgrade

Windows:	Download the Windows Management Tools installation file, double click it to start the installer and follow the instructions on the screen
Mac:	Download the MAC Management Tools installation file, double click it to start the installer and follow the instructions on the screen
Linux:	<p>Download the GUI installation package and extract the files in it to a designated directory on your system, using the following command:</p> <pre>tar xzf <filename.tar.gz></pre> <p>Run the following command from your designated directory:</p> <pre>XIVGUI/xivgui</pre>
Solaris, HPUX, AIX:	<p>Download the GUI installation package.</p> <p>In order to unzip the package you will need the GNU Unzip utility (gunzip), available from http://www.gzip.org/.</p> <p>Unzip the package using the following command:</p> <pre>gunzip <filename.tar.gz></pre> <p>Extract the files from the unzipped file to a designated directory on your system, using the following command: tar xvf <filename.tar></p> <p>Run the following command from your designated directory:</p> <pre>XIVGUI/xivgui</pre>

New Features and Enhancements

XIV GUI Version 3.0.1

No new features.

XCLI Version 3.0.1

No new features.

XIV TOP Version 3.0.1

No new features.

Fixes in this Release

XIV GUI Version 3.0.1

1. The GUI now uses an increased timeout value to prevent repeating disconnects in slow network environments [MSM-165064]
2. The options 'Add Pool' and 'Add Mirror' are now enabled for XIV systems version 10.2.1 or lower [UI-165928],[UI-164925]
3. The right-click context menu of a volume will now open for XIV systems version 10.1.0.a or lower [UI- 165918]
4. The option to map a volume is now enabled for LDAP Storage Admin users [UI-165128]
5. The GUI installation will no longer include its JRE folder in the user's path environment variable in order to prevent affecting other java applications which were installed on the computer.
Note that installing 3.0.1 will not remove the XIV GUI 3.0 JRE folder from the path. Removing the JRE folder from the path should be done manually. [UI-165984].

XCLI Version 3.0

No fixes

XIV TOP Version 3.0

No fixes

Known issues and limitations

XIV GUI Version 3.0.1

1. After a module failure, historical statistics data prior to the failure are misleading and erroneous [UI-11723]

Reason: Statistics are collected individually from each module. Therefore, the failed module statistics cannot be collected, even for the time frame when it was available in the past.

Mitigation: None. This issue will be fixed in future versions of the system and the GUI.

2. Some configuration options do not get automatically updated in the GUI when modified on the system through a different management client [UI-3467][CQ-S1011102]

Reason: When the system is managed from several independent management clients (more than one GUI, XCLI etc.), some changes applied to the system configuration or the support configuration, that are made by one of the other management clients, will not be refreshed and reflected in the GUI until it is restarted.

Mitigation: Restart the GUI to view the updated information

3. When running the GUI on a Unix platform in dual screen, the GUI may not respond to the mouse [UI-80712]

Mitigation: disable desktop effects or use a single screen.

XCLI Version 3.0.1

1. In Windows, when using the command `xcli -r <script>` the script file cannot be resolved if provided with a relative path [UI-2455]

Mitigation: Always provide the script file full path

XIV TOP Version 3.0.1

None