IBM Extended Command-Line Interface (XCLI) Utility
Version 5.2.0.a

Release Notes

First Edition (July 2017)

This edition applies to the IBM XCLI Utility version 5.2.0.a software. Newer document editions may be issued for the same version in order to add missing information, update information, or amend typographical errors. The edition is reset to 'First Edition' for every newly released version.

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Overview

IBM® Extended Command-Line Interface (XCLI) utility provides a terminal-based interface for issuing storage system management, monitoring, and maintenance commands from a client computer upon which the utility is installed.

For detailed information about the command-line interface (CLI) commands for a particular storage system, see the CLI Reference Guide of that storage system.

The IBM XCLI Utility software package can be downloaded at any time from the IBM Fix Central website (www.ibm.com/support/fixcentral).

What's new in version 5.2.0.a

Version 5.2.0.a of the IBM XCLI utility is a hotfix that resolves a compatibility issue.

For more information, see Version 5.2 (June 2017).

Compatibility

This section details the compatibility of IBM XCLI utility version 5.2.0.a with storage system versions and operating system versions.

Supported storage systems

Version 5.2.0.a of the IBM XCLI utility supports the following storage system versions:

Storage system	Microcode version
IBM FlashSystem® A9000R	12.0.x - 12.1.x
IBM FlashSystem A9000	12.0.x - 12.1.x
IBM XIV® Storage System (model 281x-A14)	10.2.4.x
IBM XIV Storage System Gen3 (models 281x-114, 281x-214, and 281x-314)	11.1.1 – 11.6.x
IBM Spectrum Accelerate™	11.5.0.x – 11.5.4.x

Supported operating systems

Version 5.2.0.a of the IBM XCLI utility supports the following operating system versions:

Operating system	Bit version / CPU architecture
Microsoft Windows Server 2008	32-bit or 64-bit
Microsoft Windows Server 2012 R1 or R2	64-bit
Microsoft Windows Server 2016	64-bit
Microsoft Windows 7	32-bit or 64-bit

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Operating system	Bit version / CPU architecture
Microsoft Windows 8	32-bit or 64-bit
Microsoft Windows 10	32-bit or 64-bit

Installation notes

This information describes how to install the IBM XCLI utility on Windows.

Double-click the installation file, and follow the instructions on the screen.

Change log

This change log summarizes the changes that were made in recent 5.x code level versions of IBM XCLI Utility.

Note: New functional features of these versions are only briefly summarized. For a detailed summary of the new functional features of a specific version, refer to the 'What's new' section of its individual release notes.

Version 5.2.0.a (July 2017)

Version 5.2.0.a of IBM XCLI Utility resolves the following compatibility issue.

Ticket ID	Description
PUI-13473	**Fixed**: The IBM XCLI utility installation on Windows 10 fails with an error message.

Version 5.2 (June 2017)

Version 5.2 of IBM XCLI Utility updates the supported Java version to 7 update 131, and thereby resolves security issues in the previously supported Java version. In addition, version 5.2 of the IBM XCLI utility introduces an important usability enhancement, as listed in the following table.

Ticket ID	Description
PUI-12222	**Enhancement**: The font size in the XCLI utility window is now customizable. To increase the font size, press **CTRL+**. To decrease the font size, press **CTRL-**.
PUI-12015	**Enhancement**: The supported Java version is updated to 7 update 131. This Java version resolves security issues in the previously supported Java version.

Version 5.1 (November 2016)

Version 5.1 of IBM XCLI Utility introduced a number of security enhancements and resolves a few miscellaneous issues, as listed in the following table.

Ticket ID	Description
UI-265822	**Enhancement**: The direct command line login in the XCLI utility can now be disabled. To disable it:, in the `GUI12\xiv-general.properties` file, do one of the following: • Change the value of the parameter **`xcli_direct_login_enabled`** to **`false`** • Add the string **`xcli_direct_login_enabled=false`** **Note:** Prior to modifying the **`xcli_direct_login_enabled`** parameter, make sure that the XIV GUI is closed. Otherwise, the changes will not be applied. If the direct login is disabled, all direct authentication attempts will fail (command line arguments **`-u`** and **`-p`** are prohibited).
UI-265821	**Enhancement**: If the credentials file is created with the **`--protect`** argument, only the user running the command has read/write permissions to this file. No permissions are granted to any other user.
UI-265820	**Enhancement**: Starting from version 5.1, user passwords are not retained in XCLI or GUI log files.
UI-265819	**Enhancement**: Weak cryptographic algorithms used for obfuscation of user credentials in previous versions have been thoroughly enhanced and strengthened.
UI-265818	**Security enhancement**: User credentials are now required every time when launching the XCLI utility or XIV Top from the XIV GUI.

Limitations

Currently there are no functional limitations in IBM XCLI utility version 5.2.0.a.

Known issues

Currently there are no known issues in IBM XCLI utility version 5.2.0.a.

Related information and publications

You can find additional information and publications related to the IBM XCLI utility on the following information sources:

- IBM FlashSystem A9000R on IBM Knowledge Center (ibm.com/support/knowledgecenter/STJKN5)
- IBM FlashSystem A9000 on IBM Knowledge Center(ibm.com/support/knowledgecenter/STJKMM)
- IBM XIV Storage System on IBM Knowledge Center (ibm.com/support/knowledgecenter/STJTAG)
- IBM Spectrum Accelerate on IBM Knowledge Center (ibm.com/support/knowledgecenter/STZSWD)
- IBM Storage Redbooks® website (redbooks.ibm.com/portals/storage)

Getting information, help, and service

If you need help, service, technical assistance, or want more information about IBM products, you can find various sources to assist you. You can view the following websites to get information about IBM products and services and to find the latest technical information and support.

- IBM website (ibm.com®)
- IBM Support Portal website (ibm.com/storage/support)
- IBM Directory of Worldwide Contacts website (ibm.com/planetwide)
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Use the Directory of Worldwide Contacts to find the appropriate phone number for initiating voice call support. Voice calls arrive to Level 1 or Front Line Support.

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