

IBM i 7.6

Enhance your security posture leveraging integrated multi-factor authentication



Highlights

Integrated multi-factor authentication

Secure interfaces like SST with MFA

Provides more advanced, easy-to-use tooling for database users

Final table support

In today's era of digital reinvention, Generative AI, mobile, and IoT, IT decisions are more critical than ever before. Choosing IBM i running on IBM® Power® processor-based servers as the foundation for a modern and highly securable hybrid cloud infrastructure means delivering on the promise of these key technologies. Organizations need to know that their infrastructure and business processes will meet the highest service and security levels defined by their business units while being adaptable to handle new business requirements and opportunities.

IBM i 7.6 is the latest release of the IBM i operating system. IBM i 7.6 contains enhancements to many base operating system components and to the licensed program products in the IBM i portfolio. Some of the new capabilities include security enhancements, application development tooling, database enhancements, system administration features, and more. IBM i 7.6 is supported on selected Power servers with the latest generation of processors. Clients using systems with earlier processors need to move to newer Power servers to take advantage of the features in IBM i 7.6.

Subscription-term licensing offers clients easier annual budget planning with predictable and consistent payment options. Software licenses and support are integrated into one subscription price. Annual subscriptions are automatically updated to the latest release, reducing business risks and security vulnerabilities by keeping technology current. With auto-renewal, clients no longer need to worry about losing support or managing new software keys. Clients on older releases can get back on support and current with technology at a lower price point.



Latest IBM i Enhancements

Improved Security Options

There are many improved options to help clients achieve high security compliance levels:

- Integrated multi-factor authentication- The operating system now supports an integrated TOTP option to provide a fully integrated way for users to authenticate to the system using multiple authorization factors
- The Service Tools (SST) interface has been enhanced to support multi-factor authentication even in restricted state
- New QIBM_QSY_AUTH exit point provides an option to extend the integrated multi-factor support to leverage additional factors
- User profile impersonation restriction using a new function usage value- QIBM_RUN_UNDER_USER_NO_AUTH. Ensure specific user profiles can ONLY be used if a proper authentication has been performed. This prevents profiles for being used as a profile for Adoptive usage
- IBM Navigator for i has been enhanced to provide an easy way for users to setup, configure, and manage the MFA support

Improved SQL Database Programming

The SQL language has been extended in IBM i 7.6 to include FINAL TABLE and OLD TABLE support for SQL Data Manipulation Language (DML). Database application developers will benefit from direct and simple programmatic insight into the results of UPDATE and DELETE SQL statements.

Provides More Advanced, Easy-to-Use Tooling for Database Users

IBM® Db2® for i provides additional functions for HTTP requests to publish or consume web services with IBM i 7.6. Db2 for i also provides more advanced, easy-to-use tooling for database engineers in this release. IBM i Services, the strategic method for gaining access to IBM i objects, system information, and much more, is expanding to provide useful SQL-based alternatives to IBM i commands and APIs. Finally, Db2 for i has increased the number of working examples and tools in the SYSTOOLS schema.

Modern Systems Management with Navigator for i

The IBM Navigator for i interface provides secure end-to-end systems management and monitoring capabilities in a modern web-centric interface. Support for the Advanced Job Scheduler, enhanced Performance charts, full MFA management capabilities, as well as being able to leverage the insights from Audit Journals using the new Data Mart, and powerful graphing capabilities to provide proactive management of potential security concerns are all included in this latest release.

For more information

To learn more about IBM i 7.6, contact your IBM representative, IBM Business Partner or visit <https://www.ibm.com/products/ibm-i>.

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IBM Corporation
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Produced in the
United States of America
April 2025

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