



IBM i 7.1 TR6 is enhanced

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Overview

IBM® i 7.1 Technology Refresh 6 (TR6) is updated with usability, integration, and support enhancements.

- IBM i Access Client Solutions consolidates the most commonly used tasks for accessing your IBM i into one simplified location. It is a platform-independent solution that runs on most operating systems that support Java™.
- WebSphere® Application Server V8.5.5 extends the capabilities provided in version 8.5, including significant enhancements to the Liberty profile.
- IBM PureFlex™ System initial orders with IBM i allow the first core of the IBM i operating system to be transferred.
- Native attach of IBM SAN Volume Controller (SVC), IBM Storwize® V7000, and IBM Storwize V3700 with IBM i. This support is in addition to the existing IBM PowerVM® (VIOS) support. This delivers on IBM's prior Statement of Direction. Refer to Software Announcement [ZP13-0021](#), dated February 05, 2013 .

Key prerequisites

For specific hardware requirements, see the IBM i Technology Updates wiki on developerWorks® at

<http://www.ibm.com/developerworks/ibmi/techupdates/hw>

Planned availability date

May 28, 2013

Except:

- June 14, 2013, for IBM i Access Client Solutions (#6288), IBM WebSphere Application Server Express® V8.5.5 (#5912 and #6201), ePoE Entitlement (#6345) on 5761-HAS, and Customer License Relocation to Service Provider (#6493, #V0H9BG, and #V0KFGB)
- June 25, 2013, for IBM i License Transfer for PureFlex (#6489, #6490, #6491, and #6492)
- June 28, 2013, for ePoE Entitlement (#6345) on 5733-RDW

Description

IBM i Access Client Solutions

IBM i Access Client Solutions is the newest member of the IBM i Access family of products. It provides a platform-independent solution that runs on most operating systems that support Java, including Linux™, Mac, Microsoft™ Windows™, and IBM i. IBM i Access Client Solutions consolidates the most commonly used tasks for accessing your IBM i into one simplified location.

Features include:

- 5250 display and printer emulation based on IBM's Host-on-Demand
- 5250 Session Manager support modeled after IBM Personal Communications Session Manager
- Multiple language support for concurrent 5250 emulation sessions on the same client
- View and download printer output from IBM i output queues, including drag and drop support
- Data Transfer similar to IBM i Access for Windows Data Transfer plus support for OpenDocument spreadsheet (*.ods), Excel Workbook (*.xlsx), and other file formats
- Virtual Control Panel with a graphical interface to the IBM i control panel
- 5250 emulation for LAN Console
- Consolidation of hardware management interface configurations, including ASMI, IVM, and HMC
- Simplified installation and distribution

IBM i Access Client Solutions supports IBM i 6.1 and IBM i 7.1. Customers using IBM i 6.1 or IBM i 7.1 can acquire IBM i Access Client Solutions by downloading it from the Entitled Software Support (ESS) website under 5761-SS1 or 5770-SS1. Customers can acquire media by ordering 5761-SS1 or 5770-SS1 refresh feature number 6288.

IBM i Access Client Solutions uses the same IBM i host servers as the other IBM i Access Family products and requires the same IBM i Access Family license (5761-XW1 or 5770-XW1) in order to use the 5250 emulation and Data Transfer features.

IBM i Access Client Solutions - Windows Application Package provides a variety of middleware for using and developing client applications to users running Windows operating systems.

Features include:

- Connectivity to DB2® for i using ODBC, .Net, and OLE DB
- Programming Toolkit for accessing IBM i system objects
- Support for TLS/SSL connections
- AFP printer driver

IBM i Access Client Solutions - Linux Application Package provides an ODBC driver for accessing DB2 for i to users running a Linux operating system.

Features include:

- Full support for 64-bit ODBC data types
- TCP/IP connectivity

For additional information, visit

<http://www.ibm.com/systems/power/software/i/access/solutions.html>

IBM WebSphere Application Server Express V8.5.5 Enhancement (5722-WE2)

WebSphere Application Server V8.5.5 extends the capabilities provided in V8.5, including significant enhancements to the Liberty profile, a highly composable, fast to start, and ultra lightweight profile of the application server that is optimized for developer productivity and web application deployment.

Enhancements to the Liberty profile in version 8.5.5:

- Certification to the Java EE6 Web Profile, assisting applications leverage standards-compliant programming models.
- Additional programming models such as Web services enable the expansion of Liberty profile applications beyond web applications. New messaging capabilities, including support for Java Messaging Service (JMS) and message driven beans (MDB) and a new single-server message provider.
- Ability to add Liberty features through a new system programming interface, enabling the customization of Liberty profile capabilities to meet your business needs.
- Enhancement to security support, such as federated repositories, custom user registry, and encryption of passwords in server configurations, enables improved security for Liberty application deployments.
- High Performance Extensible Logging (HPEL) for Liberty servers enables better administration and serviceability.
- New Liberty administration features.

IBM WebSphere Application Server is the leading open standards-based application foundation, offering accelerated delivery of innovative applications and unmatched operational efficiency, reliability, administration, security, and control.

WebSphere Application Server - Express is a ready-to-go application foundation for single-server, smaller-scale deployments of dynamic web applications, which can be effortlessly migrated to more advanced versions of the WebSphere Application Server family as business needs change. WebSphere Application Server - Express is limited to single-server implementations.

IBM i License Transfer

For orders of IBM PureFlex System foundations Power® compute nodes, a minimum of one processor core of IBM i, AIX®, or Linux operating system is required with the order. Initial orders of IBM PureFlex System foundations with IBM i are being revised to allow the first IBM i operating system processor core to be either purchased or transferred. The IBM i transfer must meet the eligibility requirements as specified in the IBM i Entitlement Transfer offering. As part of the initial order, the IBM i transfer can include one or more processor cores, a number of IBM i users, and the IBM i Unlimited User entitlement. For more information on the IBM i License Transfer offering and its requirements, refer to the "IBM i Processor and User Transfer" section on

<http://www.ibm.com/systems/support/planning/notices.html>

IBM i licensing for hosted environments

For customers who want to leverage their software investments when outsourcing their IT environments to service providers, IBM announces "Customer Entitlement Relocation to Service Provider." With this offering, existing IBM i customers can relocate their IBM i and eligible LPP entitlements to a service provider of choice. Administrative fees are charged and a required agreement outlining the terms and conditions of the entitlement relocation must be signed by IBM, the service provider, and the customer. For offering details, e-config access code, and a list of eligible software, visit

<http://www.ibm.com/systems/support/planning/notices.html>

Native attach of SVC and Storwize V7000, and V3700 with IBM i

IBM i 7.1 Technology Refresh 6 (TR6) supports native attachment of the IBM SAN Volume Controller (SVC), IBM Storwize V7000, and IBM Storwize V3700 to IBM POWER7® systems. This support is in addition to the existing IBM PowerVM (VIOS) support. VIOS will no longer be required for attaching to these storage devices. This announcement delivers on IBM's prior Statement of Direction. In addition, configurations that do not require a physical switch are also supported.

This native attach support will be available through PTFs by May 31, 2013. For details, refer to

<https://www.ibm.com/developerworks/ibmi/techupdates/hw>

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Program number

IBM i (5770-SS1, 5761-SS1, and 5722-WE2) was previously announced and assigned.

This announcement adds new SS1 and WE2 features.

Program number	VRM	Program name
5770-SS1	7.1	IBM i 7.1
5761-SS1	6.1	IBM i 6.1.1
5722-WE2	7.0	IBM Web Enablement for i

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Publications

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the US) or customer number for 50 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Specified operating environment

Hardware requirements

For specific hardware requirements, see the IBM i Technology Updates wiki on developerWorks at

<http://www.ibm.com/developerworks/ibmi/techupdates/hw>

Software requirements

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

IBM Electronic Support

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge.

- Read about the Electronic Support portfolio of tools

<http://ibm.com/electronicssupport>

- Access the IBM Support Portal

<http://ibm.com/support>

- Access the online Service Request tool

<http://ibm.com/support/servicerequest>

Planning information

- Hardware with POWER7 and POWER7+™ processors will be the last hardware to support IBM i 6.1.
- IBM plans that POWER6® servers running the IBM i release following 7.1 will not natively support the older, slower HSL/RIO-attached I/O drawers. For details, refer to

<http://www.ibm.com/systems/support/i/planning/upgrade>

- Java Developer Kit:

- IBM plans for IBM i 7.1 to be the final release of the i operating system to support IBM Technology for Java 1.4.2 and 5.0. The product options that ship Java 1.4 and Java 5 will not be included or supported in any future releases of the IBM i operating system.
- IBM i 6.1 supports both Java 1.4.2 and Java 5 and newer version of Java . This enables customers to transition to the newer version of Java . IBM plans that releases after IBM i 7.1 will support only Java 6 and later. Applications compiled at Java 5 or older in most all cases will run on the newer version of Java . It is important that you test as appropriate when ever making changes along these lines.

Packaging

Your Proof of Entitlement (PoE) for this program is a copy of a paid sales receipt, purchase order, invoice, or other sales record from IBM or its authorized reseller from whom you acquired the program, provided that it states the license charge unit

(the characteristics of intended use of the program, number of processors, number of users) and quantity acquired.

Information about how you may obtain program services will be provided by the party (either IBM or its authorized reseller) from whom you acquired the program. This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Ordering information

Consult your IBM representative.

Features

IBM i Web Enablement for i (5722-WE2)

No-charge features

IBM Web Enablement for i (5722-WE2)	Feature number
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webSphere Express V8.5.5	5912
ePoE webSphere Express V8.5.5	6201

Remove Keys/ePoEs for Transferred Software (5733-NKY)	Feature number
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EPOE FEATURES

web Enabl i	2711
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IBM i 7.1 (5770-SS1)

Charge features

IBM i 7.1 (5770-SS1)	Feature number
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Customer entitlement relocation to service provider

Base Use OTC per processor	V0H9BG
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No-charge features

IBM i 7.1 (5770-SS1)	Feature number
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Registration features for PureFlex Systems

PureFlex Core	6489
PureFlex Users	6490
PureFlex Unlmted Usr Gp 4/5	6491
PureFlex Unlmted Usr Gp 1/2/3	6492

Customer entitlement relocation to service provider

IBM i Cust Entitle Relocate	6493
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Supply feature

IBM i Access Client Solutions	6288
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Note: Feature 6288 is for physical media only.

IBM i 6.1.1 (5761-SS1)

Charge features

IBM i 6.1.1 (5761-SS1)	Feature number
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Customer entitlement relocation to service provider

Base Use OTC per processor	V0KFBG
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No-charge features

IBM i 6.1.1 (5761-SS1)	Feature number
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Registration features for PureFlex Systems

PureFlex Core	6489
PureFlex Users	6490
PureFlex Unlmted Usr Gp 4/5	6491
PureFlex Unlmted Usr Gp 1/2/3	6492

Customer entitlement relocation to service provider

IBM i Cust Entitle Relocate	6493
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Supply feature

IBM i Access Client Solutions	6288
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Note: Feature 6288 is for physical media only.

IBM Rational® Developer for i V9.0 - AAS (5733-RDW)

No-charge features

IBM Rational Developer for i V9.0 - AAS (5733-RDW)	Feature number
Standard Entitlement	6345

System i® High Availability Solutions Manager V6R1 (5761-HAS)

No-charge features

System i High Availability Solutions Manager V6R1 (5761-HAS)	Feature number
Standard Entitlement	6345

Charge metric

Note: All 5770-SS1, 5761-SS1, and 5722-WE2 PIDs have been previously announced and assigned. This announcement adds SS1 features.

Program name	Part number or PID number	Charge metric
IBM i 7.1	5770-SS1	Per processor core
IBM i 6.1.1	5761-SS1	Per processor core
IBM Web Enablement for i	5722-WE2	N/C

Terms and conditions

The new offering "Customer Entitlement Relocation to Service Provider" requires a signed agreement to establish the terms and conditions associated with relocating entitlements between an originating customer and chosen service provider. For information on how to obtain and use this agreement, refer to

<http://www.ibm.com/systems/support/planning/notices.html>

IBM i Access Client Solution is licensed pursuant to the IBM International Program License Agreement. The License Information number is GC52-1393. The IBM i Access Client Solution's License Information will be available for review on the IBM Software License Agreement website:

<http://www.ibm.com/software/sla/sladb.nsf>

Volume orders (IVO)

Yes. Contact your IBM representative.

System i Software Maintenance applies

Yes

Variable charges apply

No

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

IBM Electronic Services

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type "smitty esa_main", and select "Configure Electronic Service Agent ." In addition, ESA now includes a powerful Web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

<http://www.ibm.com/support/electronic>

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the "symptoms," diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of

exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer's system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM . The customer's business applications or business data is never transmitted to IBM .

More accurate reporting: Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM , problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

Customized support: Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support website at

<http://www.ibm.com/support/electronic>

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent . Reports are available for any system associated with the customer's IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

<http://www.ibm.com/support/electronic>

Prices

For all local charges, contact your IBM representative.

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