



IBM i enhancements offer new cryptographic features and web enablement functions

Table of contents

1 Overview	8 Technical information
2 Planned availability date	9 Ordering information
2 Description	12 Terms and conditions
7 Program number	16 Prices
8 Publications	17 Order now
	17 Corrections

At a glance

IBM® i is enhanced with:

- New cryptographic function using Elliptical Curve Cryptography Digital Signature Algorithm
- Expanded web enablement function
- New features for ordering IBM i user entitlements
- License transfer for low-end systems

Note: The IBM i license transfer offering does not apply in Japan.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: AE001).

Overview

The following enhancements are available for IBM i:

- The IBM i Solution Edition for Power® 720 4-core server offers a discounted:
 - Users in bundles of five feature
 - Unlimited user feature
- The IBM i Solution Edition for Power 720 6- or 8-core server offers a discounted unlimited user feature.
- The PCIe Crypto Coprocessor No BSC 4765-001 (#4807), PCIe Crypto Coprocessor Gen3 BSC 4765-001 (#4808), and PCIe Crypto Coprocessor Gen4 BSC 4765-001 (#4809) features contain Elliptical Curve Cryptography (ECC) functionality. The Elliptical Curve Cryptography Digital Signature Algorithm is an emerging public-key algorithm to eventually replace RSA cryptography in many applications. ECC is capable of providing digital signature functions and key agreement functions.
- IBM provides an offering that gives clients the ability to pay IBM for the right, in certain situations, to transfer the IBM i operating system from one system serial number to a different system serial number within the same enterprise for IBM POWER5™, POWER6™, and POWER7™ models with IBM i operating system per user pricing.

Note: The IBM i license transfer offering does not apply in Japan.

- IBM Web Enablement for i

Web enablement includes the Express Runtime Web Environments, which can significantly reduce the time necessary to set up and configure your web serving environment on IBM i. The Express Runtime Web Environments reduce the time necessary to install software products and fixes and in many cases, eliminates the need to acquire the needed products and fixes individually. It also automatically configures the web environment for your immediate use.

Planned availability date

February 18, 2011

Description

Reduced price for 5 user feature for Power 720 Solution Edition

New features for ordering IBM i user entitlements are available for the IBM i Solution Edition for Power 720 4-core server. A new discounted feature enables ordering in bundles of five users. Also available is a discounted feature for IBM i unlimited user entitlement.

Reduced price for unlimited user feature for Power 720 Solution Edition

For IBM i Solution Edition for Power 720 6- or 8-core server, a discounted feature for IBM i unlimited user entitlement will be provided.

IBM System i® Cryptographic Device Manager (5733-CY2) and IBM Cryptographic Device Manager for i (5733-CY3)

The PCIe Crypto Coprocessor No BSC 4765-001 (#4807), PCIe Crypto Coprocessor Gen3 BSC 4765-001 (#4808), and PCIe Crypto Coprocessor Gen4 BSC 4765-001 (#4809) features contain Elliptical Curve Cryptography (ECC) functionality. The Elliptical Curve Cryptography Digital Signature Algorithm is an emerging public-key algorithm to eventually replace RSA cryptography in many applications. ECC is capable of providing digital signature functions and key agreement functions. The new CCA functions provide ECC key generation and key management and provide digital signature generation and verification functions compliance with the ECDSA method described in ANSI X9.62 "Public Key Cryptography for the Financial Services Industry: The Elliptical Curve Digital Signature Algorithm (ECDSA)." ECC uses keys that are shorter than RSA keys for equivalent strength-per-key-bit.

Because RSA is impractical at key lengths with strength-per-key-bit equivalent to AES-192 and AES-256, the strength-per-key-bit is substantially greater in an algorithm that uses elliptic curves.

The ECC function is enabled in the following product PTFs:

- For IBM i 6.1: PTF SI42038 for 6.1 IBM System i Cryptographic Device Manager (5733-CY2)
- For IBM i 7.1: PTF SI42037 for 7.1 IBM Cryptographic Device Manager for i (5733-CY3)

When ordering the Crypto Coprocessor features, for IBM i 6.1 customers, 5733-CY2 is automatically added to the order, and for IBM i 7.1 customers, 5733-CY3 is automatically added to the order. Therefore, customers do not need to place a separate order for 5733-CY2 or 5733-CY3; however, customers must acquire and apply the above PTFs to enable the ECC function.

IBM i license transfer

Note: The IBM i license transfer offering does not apply in Japan.

Clients can now pay IBM for the right, in certain situations, to transfer the IBM i operating system from one system serial number to a different system serial

number within the same enterprise for POWER5, POWER6, and POWER7 models with IBM i operating system per user pricing.

This offering allows a client to transfer IBM i processor and IBM i user entitlements from one machine to another within the same end user's enterprise under certain qualifying conditions as set forth by the offering's terms and conditions. The IBM i operating system user entitlements that can be transferred include IBM i Users, Unlimited Users, IBM i Unlimited Collaboration Users, and IBM i External Access. This transfer may occur between similar or different machine types as outlined below. This capability will enable the transition of IBM i processor and user entitlements for situations such as server replacement, server consolidations, load rebalancing, and lease expirations. These selected transfers can help provide investment protection for the IBM i operating system entitlements. This new processor and user entitlement transfer capability is supported by the e-configurator.

Eligible products:

- IBM i V5 (must be at i 5.4) (5722-SS1)
- IBM i V6 (5761-SS1)
- IBM i V7 (5770-SS1)

Eligible donor servers: IBM i license entitlements must reside on the following POWER5, POWER6, or POWER7 models:

Previously announced eligible donor groups:

Group 1:

- System i 550 (9406-550)
- Power 550 (9409-M50, 8204-E8A)
- Power 560 (8234-EMA)
- Power 750 (8233-E8B)
- Power 740 (8205-E6B)
- Power 730 (8231-E2B)

Group 2:

- System i 570 (9406-570, 9406-MMA)
- Power 570 (9117-MMA)
- Power 770 (9117-MMB)

Group 3:

- System i 595 (9406-595)
- Power 595 (9119-FHA)
- Power 780 (9179-MHB)
- Power 795 (9119-FHB)

New eligible donor groups:

Group 4:

- System i 515 (9407-515)
- Power 520 (9407-M15, 8203-E4A) 1-core processors
- JS12 (7998-60X)
- Power 710 (8231-E2B) 4-core processors
- Power 720 (8202-E4B) 4-core processors
- PS700 (8406-70Y)

Group 5:

- System i 525 (9406-525)
- Power 520 (9408-M25, 8203-E4A) 2- and 4-core processors
- JS22 (7998-61X)
- JS23/JS43 (7778-23X)
- Power 710 (8231-E2B) 6- and 8-core processors
- Power 720 (8202-E4B) 6- and 8-core processors
- PS701/PS702 (8406-71Y)

Eligible receiving servers: The following POWER6 and POWER7 models are eligible receiving systems:

Previously announced eligible receiving groups:

Group 1:

- Power 550 (9409-M50, 8204-E8A)
- Power 560 (8234-EMA)
- Power 750 (8233-E8B)
- Power 740 (8205-E6B)
- Power 730 (8231-E2B)

Group 2:

- System i 570 (9406-MMA)
- Power 570 (9117-MMA)
- Power 770 (9117-MMB)

Group 3:

- Power 595 (9119-FHA)
- Power 780 (9179-MHB)
- Power 795 (9119-FHB)

New eligible receiving groups:

Group 4:

- Power 520 (9407-M15, 8203-E4A) 1-core processors
- JS12 (7998-60X)
- Power 710 (8231-E2B) 4-core processors
- Power 720 (8202-E4B) 4-core processors
- PS700 (8406-70Y)

Group 5:

- Power 520 (9408-M25, 8203-E4A) 2- and 4-core processors
- JS22 (7998-61X)
- JS23/JS43 (7778-23X)
- Power 710 (8231-E2B) 6- and 8-core processors
- Power 720 (8202-E4B) 6- and 8-core processors
- PS701/PS702 (8406-71Y)

Transfer requirements:

- License transfers can be done within groups 1, 2, and 3 or within groups 4 and 5. Transfers are not supported from groups 1, 2, or 3 to or from groups 4 or 5 or vice versa.
- An Electronic Proof of Entitlement (ePoE) must exist for the entitlement to be transferred.
- The donor server must have been installed for a minimum of one year in the same end user's enterprise as the receiving server.
- The donor server must be at level IBM i 5.4, i 6.1, or i 7.1. Transfers are not supported for systems at i5/OS® V5R3, or earlier.
- Software Maintenance is required on the donor system to be eligible for transferring software licenses.
- Both the donor machine and the target machine must be at the same version and release levels.
- For group 4 and 5 systems, because there are no base licenses included with the systems at no additional charge, all processor entitlements are eligible for transfer.
- Cannot be used in conjunction with Move Up to Power program.
- Clients must pay IBM an administrative charge for transfers and must also pay for processor group price differences if moving to a different processor group for these IBM i transfers.
- Within groups 4 and 5, one administrative charge covers the transfer of a processor entitlement or user entitlements. For one administrative charge, clients can transfer 1) a processor entitlement and user entitlements, or 2) a processor entitlement, or 3) just user entitlements.
- The user entitlements that can be transferred include:
 - Per 5 users or per 10 users
 - Unlimited Users
 - IBM i Unlimited Collaboration Users
 - IBM i External Access

Clients may have acquired the IBM i Unlimited Collaboration Users entitlement or the IBM i External Access entitlement on a donor system. In addition, clients may have acquired either a quantity of IBM i Users or the IBM i Unlimited Users but not both. The types of user entitlements -- IBM i Unlimited Collaboration Users, IBM i External Access, and IBM i Users (either a quantity or unlimited) -- may be transferred or retained independently. The IBM i Unlimited Users entitlement must be transferred in its entirety and cannot be divided. If a client transfers a quantity of IBM i Users, all or a portion of the IBM i User entitlements may be transferred, and the user entitlements must be transferred in quantities of 5 or 10.

Examples:

1. POWER5 System i 515 (9407-515) 1- or 2-core processor, POWER6 Power 520 (8204-E4A) 1-core processor, or a POWER6 JS12 2-core blade being replaced by any of the following:
 - POWER7 Power 710 4-core processor (8231-E2B)
 - POWER7 Power 720 4-core processor (8202-E4B)
 - POWER7 PS700 4-core processor (8406-70Y)

The donor and receiving systems are in the same group (group 4), so they will be charged the administrative fee when transferring the IBM i operating system processor and user entitlements from the POWER5 515, POWER6 520, or POWER6 JS12 to the Power 710, 720, or PS700 4-core processors.

The donor system has the following quantities of these types of user entitlements and the client wants to transfer all user types to the new POWER7 system:

- Quantity 6 of "Per 5 users" (30 concurrent IBM i operating system users)
- Quantity 0 of "Unlimited users"
- Quantity 1 of "Unlimited collaboration users"

- Quantity 1 of "IBM i external access"
2. POWER5 System i 515 (9407-515) 1- or 2-core processor, POWER6 Power 520 (8204-E4A) 1-core processor, or a POWER6 JS12 2-core blade being replaced by any of the following:
 - POWER7 Power 710 4-core processor (8231-E2B)
 - POWER7 Power 720 4-core processor (8202-E4B)
 - POWER7 PS700 4-core processor (8406-70Y)

The donor and receiving systems are in the same group, group 4, so they will be charged the administrative fee when transferring the IBM i operating system processor and user entitlements from the POWER5 515, POWER6 520, or POWER6 JS12 to the Power 710, 720, or PS700 4-core processors.

The donor system has the following quantities of these types of user entitlements and the client wants to transfer the unlimited users to the new POWER7 system:

- Quantity 0 of "Per 5 users" (0 concurrent IBM i operating system users)
 - Quantity 1 of "Unlimited users"
 - Quantity 0 of "Unlimited collaboration users"
 - Quantity 0 of "IBM i external access"
3. POWER5 System i 515 (9407-515) 1- or 2-core processor, POWER6 Power 520 (8204-E4A) 1-core processor, or a POWER6 JS12 2-core blade being replaced by any of the following:
 - POWER7 Power 710 4-core processor (8231-E2B)
 - POWER7 Power 720 4-core processor (8202-E4B)
 - POWER7 PS700 4-core processor (8406-70Y)

The donor and receiving systems are in the same group, group 4, so they will be charged the administrative fee when transferring the IBM i operating system processor and user entitlements from the POWER5 515, POWER6 520, or POWER6 JS12 to the Power 710, 720, or PS700 4-core processors.

The donor system has the following quantities of these types of user entitlements and the client wants to transfer only the quantity 6 "Per 5 users" to the new POWER7 system and wants to retain the "unlimited collaboration users" and "IBM i external access" users on the donor system.

- Quantity 6 of "Per 5 users" (30 concurrent IBM i operating system users)
 - Quantity 0 of "Unlimited users"
 - Quantity 0 of "Unlimited collaboration users"
 - Quantity 0 of "IBM i external access"
4. POWER5 System i 515 (9407-515) 1- or 2-core processor, POWER6 Power 520 (8204-E4A) 1-core processor, or a POWER6 JS12 2-core blade being replaced by any of the following:
 - POWER7 Power 710 6- or 8-core processor (8231-E2B)
 - POWER7 Power 720 6- or 8-core processor (8202-E4B)
 - POWER7 PS701 8-core processor (8406-70Y)

The donor and receiving systems are in different license transfer groups so the transfer charge will include the administrative charge plus the charge for moving software from the P05 to the P10 Processor Group. The donor system is in group 4 with the IBM i P05 Processor Group. The receiving system is in group 5 with the IBM i P10 Processor Group.

The donor system has the following quantities of these types of user entitlements and the client wants to transfer all user types to the new POWER7 system:

- Quantity 6 of "Per 5 users" (30 concurrent IBM i operating system users)

- Quantity 0 of "Unlimited users"
- Quantity 1 of "Unlimited collaboration users"
- Quantity 1 of "IBM i external access"

When transferring a processor entitlement, IBM i license transfer includes one year of Software Maintenance (SWMA) on the receiving system. Both 24x7 support and additional years of coverage are available for an additional charge. (**Note:** Only the one-year coverage option is available for the group 4 machines). When transferring user entitlements (including users, unlimited users, unlimited collaboration users, or external access), IBM i license transfer does not include one year of SWMA on the receiving system.

IBM Web Enablement for i (5722-WE2)

The Web Enablement for i offering consists of a number of options, each representing a different version of the WebSphere® Application Server Express Web environment. A new feature (feature 5928 - V7R1M0 DVD (5733-W70) 5733-SO1) is being added to support the simplified install, setup, and configuration of WebSphere Application Server Express V7.0 on IBM i 7.1. This DVD installs all the necessary products and fixes on your IBM i system to ensure a successful and easy setup process. Because most web environments make use of an IBM HTTP Server for the "front-door," this feature ensures the 5770-DG1 product is installed and a recent Group PTF is installed to ensure the plug-in file that routes the request between the HTTP server and the WebSphere Application Server is at the correct level.

WebSphere Application Server Express V7 is installed on the IBM i along with a recent fix pack. This delivers your web environment at an updated level to ensure a working configuration. The 5770-XH2 IBM i Access for Web product is installed. Once all the necessary products are installed, the wizard creates and configures and starts a WebSphere Application Server profile that you can use for your own applications or to help you get started with the web environment. The Access for Web product is deployed to this application sever. This allows you an easy, robust way to access your IBM i system from a web environment. Access for Web provides a web-based 5250 interface for your IBM i along with robust database and SQL functionality. The Web Enablement wizard asks a few simple questions and automatically handles all the installations and configurations for you.

Program number

Program number	VRM	Program name
5722-SS1	5.4	IBM i
5761-SS1	6.1	IBM i
5761-SSC	6.1	IBM i User
5770-SS1	7.1	IBM i
5770-SSC	7.1	IBM i User
5733-CY2	6.1	IBM System i Cryptographic Device Manager
5733-CY3	7.1	IBM Cryptographic Device Manager for i
5722-WE2	7.1	IBM Web Enablement for i

Offering Information

Product information is available via the Offering Information website

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

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=211-021>

Publications

No publications are shipped with these programs.

Technical information

Specified operating environment

Hardware requirements

For License Transfer, a supported Power Systems™ server or BladeCenter® server is required.

Software requirements

The announced enhancements require an IBM i 5.4, IBM i 6.1, or IBM i 7.1 operating system.

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.

Planning information

Security, auditability, and control

These programs use the security and auditability features of the host hardware or software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

Charge metric

Program name	PID number	Charge metric
IBM i 5.4	5722-SS1	Per Processor and Per User
IBM i 6.1	5761-SS1	Per Processor and Per User
IBM i Users	5761-SSC	Per User
IBM i 7.1	5770-SS1	Per Processor and Per User
IBM i Users	5770-SSC	Per User

Per Processor Core Pricing

A *processor* (commonly called a *CPU* or *core*) is the unit of measure by which this program is licensed. It is a functional unit within a computing device that interprets and executes instructions. A processor consists of at least an instruction control unit and one or more arithmetic or logic unit. With multicore technology, each core is considered a processor. A Proof of Entitlement (PoE) must be obtained for the appropriate number of processors based on the level of all processor cores activated and available for use by the program on the server.

Concurrent User

Concurrent User is a unit of measure by which the program can be licensed. A *Concurrent User* is a person who is accessing the program at any particular point in time. Regardless of whether the person is simultaneously accessing the program multiple times, the person counts only as a single Concurrent User. The program may be installed on any number of computers or servers, but Licensee must obtain entitlements for the maximum number of Concurrent Users simultaneously accessing the program. Licensee must obtain an entitlement for each simultaneous Concurrent User accessing the program in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Feature description	Feature number
5761-SSC IBM i 6.1 User	
Per 5 Special Users (E4B) 4-Core	2075
Unlimited Special Users (E4B) 4-Core	2076
Unlimited Special Users (E4B) 6/8-Core	2077
5770-SSC IBM i 7.1 User	
Per 5 Special Users (E4B) 4-Core	1578
Unlimited Special Users (E4B) 4-Core	1579
Unlimited Special Users (E4B) 6/8-Core	1580
Feature description	Feature number
5722-SS1 IBM i 5.4	
OTC per IBM i or AS lic transfer P05 to P10	1792
5761-SS1 IBM i 6.1	
OTC per IBM i or AS lic transfer P05 to P10	2078
5770-SS1 IBM i 7.1	
OTC per IBM i or AS lic transfer P05 to P10	1581

Registration and supply features

Feature description	Feature number
5761-SS1 IBM i 6.1	
Transfer IBM i Users - Block of 5	6351
Transfer Unlimited Users	6352
Transfer Unlimited Collaboration Users	6353
Transfer External Access	6354
Unlimited Collaboration Users Registration	6397
5770-SS1 IBM i 7.1	
Transfer IBM i Users - Block of 5	6351
Transfer Unlimited Users	6352
Transfer Unlimited Collaboration Users	6353
Transfer External Access	6354
Unlimited Collaboration Users Registration	6397
5722-SS1 IBM i 5.4	
Transfer IBM i Users - Block of 5	6351
Transfer Unlimited Users	6352
Transfer Unlimited Collaboration Users	6353
Transfer External Access	6354
Unlimited Collaboration Users Registration	6397
5722-WE2 IBM Web Enablement for i Express Runtime V1R2 for IBM i 7.1 (DVD)	5928
5733-NKY Remove Keys/ePOEs for Transferred Software	
Remove IBM i Per User Entitlement - Block of 5	6481
Remove Unlimited User Entitlement	6482
Remove Unlimited Collaboration User Entitlement	6483
Remove External Access Entitlement	6484

Note: The IBM i license transfer offering does not apply in Japan.

IBM i is announcing a new ship physical media feature (#6486) with each software product that requires physical media to be shipped.

All licensed programs and options that are delivered on the standard and keyed media sets are included on feature number 6486 for 5722-SS1, 5761-SS1, and 5770-SS1.

The following IBM i Options are delivered on separate media when ordered for 5722-SS1:

Option 23 -> OptiConnect
Option 25 -> Netware Enhanced Integration
Option 26 -> DB2® Symmetric Multiprocessing
Option 27 -> DB2 MultiSystem

The following IBM i Options are delivered on separate media when ordered for 5761-SS1 and 5770-SS1:

Option 23 -> OptiConnect
Option 26 -> DB2 Symmetric Multiprocessing
Option 27 -> DB2 MultiSystem
Option 44 -> Encrypted Backup Enablement
Option 45 -> Encrypted ASP Enablement

The following products are delivered on separate media rather than on the standard and keyed media sets:

Program number	Program/Function name	Feature number
5722-AF1	IBM Advanced Function Printing Utilities for iSeries	6486
5761-AF1	IBM Advanced Function Printing Utilities	6486
5770-AF1	IBM Advanced Function Printing Utilities	6486

5722-AP1	IBM Advanced DBCS Printer Support for iSeries	6486
5761-AP1	IBM Advanced DBCS Printer Support for iSeries	6486
5722-BR1	IBM Backup and Recovery Media Services for iSeries	6486
5761-BR1	IBM Backup Recovery and Media Services for i5/OS	6486
5770-BR1	IBM Backup Recovery and Media Services for i	6486
5722-CM1	IBM Communications Utilities for iSeries	6486
5761-CM1	IBM Communication Utilities for iSeries	6486
5722-DE1	IBM DB2 Universal Database Extenders for iSeries	6486
5761-DE1	IBM DB2 Extenders Version 9.1 for i5/OS	6486
5770-DE1	IBM DB2 Extenders V9.5 for i	6486
5722-DP4	IBM DataPropagator Relational v8 for iSeries	6486
5761-DP4	IBM DB2 DataPropagator for iSeries V8.1	6486
5761-HAS	IBM System i High Availability Solutions Manager	6486
5770-HAS	IBM PowerHA SystemMirror for i	6486
5722-JS1	IBM Advanced Job Scheduler for iSeries	6486
5761-JS1	IBM Advanced Job Scheduler for i5/OS	6486
5770-JS1	IBM Advanced Job Scheduler for i	6486
5722-NLV	IBM National Language Version	6486
5722-PT1	IBM Performance Tools for iSeries	6486
5761-PT1	IBM Performance Tools for i5/OS	6486
5770-PT1	IBM Performance Tools for i	6486
5722-QU1	IBM Query for iSeries	6486
5761-QU1	IBM Query for i5/OS	6486
5770-QU1	IBM Query for i	6486
5733-QU2	IBM Web Query for System i	6486
5733-QU3	IBM DB2 Web Query Report Broker	6486
5733-QU4	IBM DB2 web Query Software Development Kit	6486
5722-ST1	IBM DB2 Query Manager and SQL Development Kit for iSeries	6486
5761-ST1	IBM DB2 Query Manager and SQL Dev Kit for i5/OS	6486
5770-ST1	IBM DB2 Query Manager and SQL Development Kit for i	6486
5722-WDS	IBM WebSphere Development Studio for iSeries	6486
5761-WDS	IBM WebSphere Development Studio	6486
5770-WDS	IBM Rational Development Studio for i	6486
5722-XW1	iSeries Access	6486
5761-XW1	System i Access Family	6486
5770-XW1	i Access Family	6486

E-configurator Power Software support enhancements:

Software product shipment default change from physical media to electronic software delivery.

AIX® and IBM i customers placing upgrade software orders using the e-configurator will now have Electronic Software Delivery (ESD) (#3450) specified as the default for each software product order. The ESD ordered software products will be available on the Entitled Software Support (ESS) website

<https://www.ibm.com/servers/eserver/ess>

From this website, the ordered software products will be available for download to their Power Systems server. Once downloaded, you will have the capability to produce physical media for backup / archival purposes. User help support is available at the ESS website to assist you in registration and product download. Help support information is also available on the ESS website for other software product management functions such as software maintenance, entitled upgrade, entitlement transfer, and access keys.

If ESD is not desired, the e-configurator will allow the user to change the delivery type to physical media.

Note: A physical media charge will be billed for customers choosing this media delivery type.

This support is available for all currently orderable ESD software products.

Physical media shipment request

AIX and IBM i customers may now use the e-configurator to place software orders to receive a physical media shipment of previously ordered software products. These products may be ordered for the exact same version / release / modification

(VRM) level as was previously ordered. This new support can be used to obtain a physical media copy to match recently ordered software products that were initially electronically delivered. Previously, the e-configurator did not readily allow the same VRM level software products to be ordered. The physical media order will have the appropriate media charge billing feature added to the software product orders.

The e-configurator will place the new ship physical media feature (#6486) onto each IBM i related software product that requires physical media to be shipped. When this feature is ordered, no additional software product options or billable entitlement purchases will be allowed. There will be no changes to the current entitlement (electronic Proof of Entitlement - ePoE) or software key information displayed on the Entitled Software Support (ESS) website

<https://www.ibm.com/servers/eserver/ess>

The software orders will have physical media produced and shipped to the customer.

The e-configurator will allow other software products to be ordered in the same e-configurator session. Any software product ordered for an upgrade or to have additional billable options, or entitlements purchased, will be supported as is currently done. For these software orders, the new ship physical media feature (#6486) will not be placed onto the order, although physical media may still be selected for delivery.

Note: A mix of orders with and without the ship physical media feature will be allowed on the same e-configuration session. The ship physical media feature will be placed onto individual software product orders. This support is available for all currently orderable software products.

IBM Application Runtime Expert for i (5733-ARE): New orders that include both IBM i software and POWER7 hardware will have 5733-ARE defaulted onto the list of ordered software products. This will be done for IBM i 6.1 or IBM i 7.1. The software processor group must be greater than P05. The 5733-ARE software product is chargeable. If the 5733-ARE software product is not required, it may be removed from the set of e-configurator created software orders.

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage® Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

Agreement for Acquisition of Software Maintenance

The IBM Agreement for Acquisition of Software Maintenance (Z125-6011) agreement applies for Subscription and Support (also referred to as Software Maintenance) and does not require customer signatures.

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available. These programs

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License Information form number

GC52-1312

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Yes

Limited warranty

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For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

Yes. Contact your IBM representative.

Passport Advantage applies

No

Usage restrictions

Yes

Terms and conditions

The IBM i operating system is licensed under the terms of the International Program License Agreement (IPLA) (Z125 - 3301) and license amendment GC52-1312.

Seller requirements

Sellers will need to place software orders to remove the required licenses from the donor machine and add these licenses to the receiving machine. Support for this is available in the e-configurator. Once the order has been placed, IBM will administratively transfer the IBM i entitlements per the order and send the clients the license amendment GC52-1312 outlining the terms of the transfer. The document describing the actions that the client must take to complete the transfer is available at

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

Refer to the section entitled "IBM i Processor Transfer." Included below is information that the seller can share with the client to prepare them for completing the transfers.

Customer requirements

Customer setup is required for software license management on the donor and receiving machines. A reduced-quantity software license key for the donor machine must be installed and verified prior to the receiving machine increased-quantity software license key being provided for customer installation.

IBM i software license key support

Client information on Software License Transfer and Software License Keys may be found at

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

This website provides links and information for the Entitled Software Support (ESS) website

<http://www.ibm.com/servers/eserver/ess>

It also provides documentation about ESS website registration and use guidelines. ESS website registration will be required prior to Software License Key access provided for the donor and receiving machines.

Help support

Clients requiring assistance with the ESS website support can find help assistance via the ESS website home page

<http://www.ibm.com/servers/eserver/ess>

Select the "Help" or "Contacts" view pane support on the left side of the introductory "Sign In" screen. For assistance with donor or receiving system operation or setup support questions in the U.S., contact 1-800-IBM-Serv or the Support website

<http://www14.software.ibm.com/webapp/set2/sas/f/handbook/contacts.html#worldwide>

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IBM Operational Support Services -- SoftwareXcel

No

System i Software Maintenance applies

Yes

Variable charges apply

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http://www-947.ibm.com/systems/support/machine_warranties/machine_code.html

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http://www-947.ibm.com/systems/support/machine_warranties/machine_code_cryptadd.html

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5761-SSC IBM i 6.1 User		
Per 5 Special Users (E4B) 4-Core	2075	
Unlimited Special Users (E4B) 4-Core	2076	
Unlimited Special Users (E4B) 6/8-Core	2077	
5770-SSC IBM i 7.1 User		
Per 5 Special Users (E4B) 4-Core	1578	
Unlimited Special Users (E4B) 4-Core	1579	
Unlimited Special Users (E4B) 6/8-Core	1580	

Feature description	Feature number	OTC
5722-SS1 IBM i 5.4		
OTC per IBM i or AS lic transfer P05 to P10	1792	
5761-SS1 IBM i 6.1		
OTC per IBM i or AS lic transfer P05 to P10	2078	
5770-SS1 IBM i 7.1		
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Corrections

(Corrected on April 11, 2011)

The IBM i license transfer information was revised in the Ordering information section.

(Corrected on February 24, 2011)

The Ordering information - Registration and supply features section was revised.