

Today

The "Key" to IBM i Licensing and more - Part2

Starting at 10:00 am UK time by Andy Fellows



Smart Meeting → Put questions into the Chat box or AT&T Toll Free phone for better audio

- 0800-368-0638 = UK Toll Free
- 0203-059-6451 = UK but you pay for the call
- Then 6403785# Participant Code
- Other countries see chat box for the website
- Please Mute with *6



Previous Sessions:

The "Key" to IBM i Licensing
 POWER8 E870 from exper
 Linux on Power: Best Pract
 Linux for AIX/IBM i guys
 PowerKVM Deep Dive
 More Tricks Power Masters
 Power8 from hands-on
 Power up your Linux
 PowerVC
 PowerVP
 SSP4
 Best Practices
 And more.....

Future Sessions →

- Mar 4th - HMC 8.20 User Interface Tech Preview
- Suggestions Welcome



Twitter:

Gareth Coates @power_gaz
 Jyoti Dodhia @JyotiDodhia



Nigel Griffiths @mr_nmon
 Mandie Quartly @mandieq

Website: <http://tinyurl.com/PowerSystemsTechnicalWebinars>

Youtube Channel: <http://tinyurl.com/IBMPowerVUGYoutubeChannel>

IBM i Licensing: Navigating the World of IBM i Software

The Basics – Part 2

Andy Fellows
IBM Global Techline – Power / IBM i
andy_fellows@uk.ibm.com

February 2015
Additional comments
added to charts 35 & 40



Credits

- I would like to express my sincere thanks to the my IBM colleagues who have contributed to the information that I will be presenting today and next week:
- Linda Hirsch
Jill Williams
Steve Finnes
Chris Wilkes
Alison Butterill

Now available... but limited information at the moment

IBM i Licensing portal page on ibm.com:


Watch www.ibm.com/systems/support/planning/ibmi_license.html



Documentation, links. e.g.:

- Link to IBM i Licensing Tech Talks
- Temp key process for CBU/Backup Machines (changes coming!)
- IBM i Entitlement Transfer
- IBM i Relocation
- Capacity Backup (CBU)
- Licensing Designated Backup Machines for client and service providers
- Link to IBM Product License Agreements
- and more...

Agenda

-  • Quick Review of Session 43 information
 - Days – oh my !
 - Temporary Licensing
 - Transfers
 - IBM i per processor / user entitlement transfers
 - Introduction to the My Entitled Systems Support website aka ESS website

Quick Review from Session 43

- IBM i Licensing
 - IBM i OS Per core plus users if required
 - IBM i Licensed Program Products (LPPs)
 - electronic Proof of Entitlement (ePoE)
 - Keys
 - Software Maintenance – Group & Non-Group
- Capacity Backup and Designated Backup Machine
two additional charts added 39 & 40
 - DBM provided by Service Provider (SP)
 - DBM service provided to client with multiple systems
 - DBM service provided to multiple clients (multi-tenanted)

Designated backup machine (DBM) provided by Service Provider

- Please note that for Managed Service Providers (MSP) who provide a DBM service:

- MSP must purchase the IBM i OS entitlements (processors / users)
- DBM service provided to a client with multiple systems :

MSP can request two-year temp keys for client's non-OS LPPs if the CPW rating of the DR provider partition \leq CPW rating of the corresponding client's production partition.

- A backup request form is required for each primary system
- The MSP is required to provide verification to the Compliance & Entitlement Support team that the CPW rating of the partition for the client does not exceed the CPW rating of the client machine (i.e. show from the HMC the processors allocated on the client's partition).

- DBM service provided to multiple clients

MSP can request two-year temp keys for each client's non-OS LPPs if the CPW rating of the DR provider partition \leq CPW rating of the corresponding client's production partition.

- A backup request form is required for each client system
- The MSP is required to provide verification to the Compliance & Entitlement Support team that the CPW rating of the partition for the client does not exceed the CPW rating of the client machine (i.e. show from the HMC the processors allocated on the client's partition).


Temporary Key Request Form for DBM

If you have multiple primary machines being backed up to a single DBM, submit separate Temporary Key Request forms for each primary

Examples:

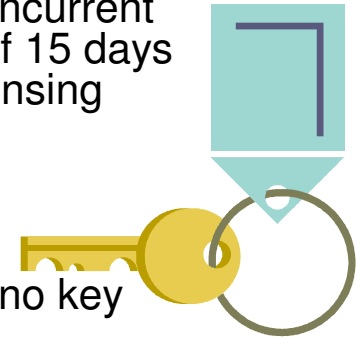
- A client has three primary machines and one DBM. The client should submit three Temporary Key Request forms, one for each primary
- A Service Provider has one DBM backing up four client primary machines. The SP should submit four Temporary Key Request forms, one for each client primary

Agenda


- Quick Review of Session 43 information
-  • Days – oh my !
- Temporary Licensing
- Transfers
- IBM i per processor / user entitlement transfers
- Introduction to the My Entitled Systems Support website aka ESS website

15 Days vs 70 Days vs 40 Days vs 60 Days??

- **15 Days - Migration:**
 - If you purchase an IBM i machine and transfer your software entitlements from an existing machine, you are allowed a temporary use period for concurrent use of the entitlements on the existing machine and new machine of 15 days
 - Concurrent use beyond 15 days requires IBM i Temporary Licensing (5733-ITL)
 - Side-by-side RPQ
- **70 Days – Evaluation / Try and Buy:**
 - Evaluation of keyed products allows trial use for up to 70 days with no key required
 - **The 70 days is only for evaluation purposes, not for productive use of a program. Migration is considered productive use**
- **40 Days - Emergencies:**
 - In emergencies, temporary keys for 40 days can be issued
 - Used in cases where a permanent solution is pending or in process (e.g. a software order or transfer) – *written request required*
- **60 Days – IBM i OS Transfer:**
 - For IBM i Entitlement Transfer offering:
 - If you remove all processors and/or all users from the donor, 60-day temporary keys for one processor and/or one user created in order to complete verification process



Agenda

- Quick Review of Session 43 information
- Days – oh my !
-  • Temporary Licensing
- Transfers
- IBM i per processor / user entitlement transfers
- Introduction to the My Entitled Systems Support website aka ESS website

Temporary Software Licenses: 5733-ITL

- **Upgrade to new machine with different serial number** - transferring entitlements from existing system and need to use entitlements currently for more than 15 days.
- **Or use for temporary workload**
- Ordered via 5733-ITL (e-config)
 - Need serial number of recipient box
 - A permanent authorisation (license) must exist within the Enterprise IBM i per processor / user or OS feature or LPP
- Order any number of months up to a maximum of 12
- Covers IBM i per processor / user as well as IBM i LPPs – **not all IBM i ,OS features or LPPs included**
- Charge is per month by processor group
- User-based LPPs are handled as follows:
 - Client Access is licensed for the system (unlimited users) as opposed to quantity of users
 - Rational Development Studio is licensed for 250 users
- DB2 Web Query is **not included** with 5733-ITL offering



- **VERY IMPORTANT**
start date must be correct on the configuration order since temporary keys are generated based on the start date on the 5733-ITL order (the key has an expiry date)

For software that is covered, refer to:

<http://www-03.ibm.com/systems/power/software/i/subscription/list.html#temporary>

5733-ITL – features available

Description	Min	Max	Qty
5733-ITL Temporary License for System i (number of months)	1	12	12
5733-ITL 57xx-SS1 IBM i per Processor	0	8	0
5733-ITL 57xx-SS1 IBM i per User (order quantity must be a multiple of 5)	0	200	0
5733-ITL 57xx-SS1 IBM i Unlimited User	0	1	0
5733-ITL 57xx-SS1 IBM i Media and Storage Extension feature	0	1	0
5733-ITL 57xx-SS1 IBM i PSF 1-45 IPM feature	0	1	0
5733-ITL 57xx-SS1 IBM i PSF 1-100 IPM feature	0	1	0
5733-ITL 57xx-SS1 IBM i PSF Any Speed feature	0	1	0
5733-ITL 57xx-SS1 IBM i HA Switchable feature	0	1	0
5733-ITL 57xx-SS1 IBM i HA Journal feature	0	1	0
5733-ITL 5722-IP1 Infoprint Server	0	1	0
5733-ITL 5722-IP1 Infoprint Server PS to AFP Transform feature	0	1	0
5733-ITL 5733-ID1 Infoprint Designer	0	1	0
5733-ITL 5733-OAR Rational Open Access RPG Edition	0	1	0
5733-ITL 5770-HAS PowerHA SystemMirror for i - Express	0	1	0
5733-ITL 5770-HAS PowerHA SystemMirror for i - Standard Edition (i7.2)	0	1	0
5733-ITL 5770-HAS PowerHA SystemMirror for i - Enterprise Edition	0	1	0
5733-ITL 5769-PW1 App Dev Manager feature	0	1	0
5733-ITL 5769-PW1 App Dict Services feature	0	1	0
5733-ITL 57xx-AF1 AFP Utilities	0	1	0
5733-ITL 57xx-AP1 Advanced DBCS Printer Support	0	1	0
5733-ITL 57xx-AP1 AFP IPDS feature	0	1	0
5733-ITL 57xx-BR1 Backup and Recovery Media Services	0	1	0
5733-ITL 57xx-BR1 BRMS Advanced feature	0	1	0
5733-ITL 57xx-BR1 BRMS Network feature	0	1	0
5733-ITL 57xx-CM1 Communication Utilities	0	1	0
5733-ITL 57xx-DP4 DB2 DataPropagator	0	1	0
5733-ITL 57xx-JS1 Advanced Job Scheduler	0	1	0
5733-ITL 57xx-PT1 Performance Tools	0	1	0
5733-ITL 57xx-PT1 Performance Tools Agent feature	0	1	0
5733-ITL 57xx-PT1 Performance Tools Job Watcher feature	0	1	0
5733-ITL 57xx-PT1 Performance Tools Manager feature	0	1	0
5733-ITL 57xx-QU1 Query	0	1	0
5733-ITL 57xx-ST1 DB2 Query Mgr and SQL DevKit	0	1	0
5733-ITL 57xx-WDS WDS for iSeries	0	1	0
5733-ITL 57xx-WDS WDS for iSeries ADTS feature	0	1	0
5733-ITL 57xx-WDS WDS for iSeries Heritage Compilers feature	0	1	0
5733-ITL 57xx-WDS WDS for iSeries ILE Compilers feature	0	1	0
5733-ITL 57xx-XW1 iSeries Access	0	1	0

Side-by-side RPQ for Hardware Upgrades



- **Upgrade and keep same serial number**
(Whereas 5733-ITL covers replacement of system with different serial numbers)
- RPQ order process – rather than econfig
- Allows “from” and “to” machine to both run alongside each other
 - Each order of the RPQ covers 2 weeks, maximum total period is 16 weeks
- Covers IBM i OS as well as IBM i LPPs
- The cost of the RPQ covers
 - Software licensing on both systems
 - An additional visit by an engineer to complete the upgrade (refer to RPQ)


Model
8202 E4D (720)
9117 MMC/MMD (770) 9117-MME (870)
9179 MHC/MHD (780) 9119-MHD (880)

Temporary Key Process - emergency

- In emergencies, temporary keys for 40 days can be issued:
 - Request a copy of the temp key form by:
 - Email WWSWKEYS@dk.ibm.com
 - or
 - Contact ESS support team: <http://www.ibm.com/servers/eserver/ess/> > “Contacts”
 - Used in cases where a permanent solution is pending or in process (a license order or transfer)
 - Exception process: requires business justification and IBM authorization
- Extension of 40-day temporary keys requires IBM authorization based on the justification



Agenda

- Quick Review of Session 43 information
- Days – oh my !
- Temporary Licensing
-  • Transfers
- IBM i per processor / user entitlement transfers
- Introduction to the My Entitled Systems Support website aka ESS website

Permanent Transfer of Software to Another System ?


- IBM i OS:
 - Tied to the machine serial number, must stay with the machine when transferred
 - However, IBM i Entitlement Transfer offering allows eligible entitlements to permanently transfer to another machine within enterprise -
 - CBU offering addresses temporary transfer
- PowerVM VIOS:
 - Tied to machine serial number, stays on machine when system sold/transferred
- IBM i non-OS LPPs can transfer to another system within the same Enterprise
 - V5R2 and earlier, the whole SW stack could be transferred with the machine to any new customer
 - If V5R2 or earlier use *Internal Request Form* (contact Key Center at WWSWKEYS@dk.ibm.com)
 - V5R3 and later, use the ESS system , email WWSWKEYS@dk.ibm.com team or place an order

Transferring Entitlements (and Keys) Across Borders

- For IBM i OS features and LPPs only
- Must be within the same Enterprise
- Contact Customer Fulfilment to do this:
 - Business Partners: BPSO
 - IBM: CSO
- Notes for European countries:
 - If transferring across border, within European countries, use Cross Border Request Form
 - If transferring across border but outside Europe for the target, send a list of entitlements to the WWSWKEYS@dk.ibm.com to manually transfer



Agenda

- Quick Review of Session 43 information
- Days – oh my !
- Temporary Licensing
- Transfers
-  • IBM i per processor / user entitlement transfers
- Introduction to the My Entitled Systems Support website aka ESS website

IBM i Processor and User Entitlement Transfer

- Enables IBM i processor and user entitlement to be permanently transferred between selected systems in the same Enterprise*:
 - Implemented worldwide via IBM e-config
 - SWMA required on donor system
 - Donor system must have been installed at least one year
 - Donor entitlements must be IBM i 5.4 or later
 - Transfer fee plus charge for license price difference in some cases
 - IBM i processor-core and user entitlements move to new system
 - Base entitlements: the following POWER5 models have these base entitlements which are NOT eligible to transfer
 - 9406-550 (1 base license)
 - 9406-570 (1 base license)
 - 9406-595 (4 base licenses)
- Refer to Transfer Guide for requirements and eligibility. Published here: http://www-947.ibm.com/systems/support/planning/ibmi_license.html

IBM i Processor and User Transfer



IBM i will enable the transfer of IBM i processor and user (when applicable) entitlements from one machine to another within the same end user's enterprise under certain qualifying conditions.

 [IBM i Processor and User Transfer Guide GI11-9824-12 \(187KB\)](#) - Updated October 2014 



 [IBM i License Transfer Configuration and FAQ \(3.8MB\)](#) - June 2014

* An enterprise is any legal entity (including, without limitation, an individual, a partnership or a corporation) and its subsidiaries. A subsidiary is any legal entity, during the time that more than 50% of its voting stock, or if no voting stock, decision-making power, is owned or controlled, directly or indirectly, by the enterprise.

IBM i Processor and User Entitlement Transfers

Donor Machine (Source)		Receiving Machine (Target)
<p>Must have current SWMA</p> <p>Must have been installed for minimum one year</p> <p>Must have IBM i 5.4 or later entitlements</p>	 	<p>For each processor entitlement transferred, one year of SWMA included at no charge</p> <p>➤ SWMA not included when transfer includes only IBM i user entitlements (any type) and not processor entitlements</p>

IBM i Processor and User Entitlement Transfer

From POWER5, 6, 7, 8		To POWER6, 7, 8
9406-550, 570, 595	 	
Power 550 (9409-M50, 8204-E8A)		Power 550 (9409-M50, 8204-E8A)
Power 560 (8234-EMA)		Power 560 (8234-EMA)
Power 570 (9406-MMA, 9117-MMA)		Power 570 (9406-MMA, 9117-MMA)
Power 595 (9119-FHA)		Power 595 (9119-FHA)
Power 730, 740, 750, 760, 770, 780, and 795		Power 730, 740, 750, 760, 770, 780, and 795
9407-515, 9405-520, Power 520 (9407-M15, 8203-E4A), JS12, 710, 720, PS700		520 (9407-M15, 8203-E4A), JS12, 710, 720, PS700
9406-525, 9406-520, Power 520 (9408-M25, 8203-E4A), JS22, JS23/JS43, PS701/PS702, PS703, PS704		Power 520 (9408-M25, 8203-E4A), JS22, JS23/43, 710, 720, PS701/PS702, PS703, PS704
IBM PureFlex System (and Flex System) p260, p460 Compute Nodes		IBM PureFlex System (and Flex System) p260, p460 Compute Nodes
IBM Power Systems S814 and S824 E870 and E880		IBM Power Systems S814 and S824 E870 and E880

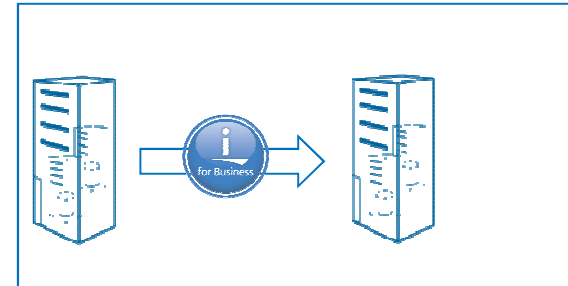
IBM i Entitlement Transfer Offering Group Definitions

- Donor and receiving machines and nodes which support IBM i are assigned to transfer groups which reflect their software tier.
 - Entitlement transfers are allowed...
 - within groups 1, 2, and 3
 - within groups 4, 5, and 6
 - from groups 1, 2, and 3 to group 6 (PureFlex/Flex), excluding the group 6 type/model 7895-23A.
 - Groups 1 (P20), 2 (P30) and 3 (P50) are per core
 - Groups 4 (P05) and 5 (P10 / P20) are per core and user but does include some per core only systems
 - Group 6 (IBM Flex system Compute Nodes) is per core and user

IBM i Entitlement Transfer – Completion Actions

- Client must install the Reduced Quantity Key(s) (available on the ESS portal) into **all the active partitions** on the DONOR system
- Screen capture must be taken for each active partition showing the Reduced Quantity Key has been installed or use the Verify IBM i Key Installation (VIKI) tool
- The Screen capture of keys or screen capture of VIKI tool must be emailed to the Key Agents in Madrid, they will verify the details and complete the transfer if all requirements have been met
- Permanent key(s) issued for the TARGET system – ESS portal

IBM i Entitlement Transfer Updates/Clarifications



- Remove requirement that the donor and receiving machines be at same version/release
 - Allows you to configure IBM i license transfer to a target machine at a later level of IBM i than the donor
 - Available in both software-only and NEWSYS paths
 - Donor can be same or earlier version/release as the target. Target cannot be at earlier release than donor
- 60 Day Temp Keys:
 - For IBM i Entitlement Transfer offering:
 - If you remove all processors and/or all users from the donor, 60-day temporary keys for one processor and/or one user created in order to complete verification process

IBM i Entitlement Transfer VIKI tool

Verification tool for reduced quantity key on the donor - QLZAVXFR

The tool collects the correct donor key installation information for submission to the Key Center

- Retrieves the currently installed license key information for 57xx-SS1 feature codes:
 - 5051 – IBM i Processors
 - 5052 – IBM i Users
 - 5053 – IBM i Application Server Processors
- Creates interactive output: client sends the output screen to Key Center at WWSWKEYS@dk.ibm.com
- Must run the tool in each IBM i partition

The tool is available via PTF for 5.4 and later


PTF numbers:

- V5R4 – SI49043
- 6.1 – SI52037 – available February 2014
- 7.1 - SI52042 – available February 2014
- 7.2 – contains the tool in the base 7.2, no PTF required

IBM i Entitlement Transfer – remember

- Must be planned carefully
- Remember the pre-requisites and
- If the transfer quantity for the IBM i per processor is > 1 then they are all transferred at the same time
 - quantity cannot be split once the order has been processed
- Will 5733-ITL be required ?
 - Should the 5733-ITL be selected for the DONOR or TARGET ?
- Reduced Quantity Key(s) need to be installed on DONOR
- Screen shots required from ALL active partitions to complete the transfer

Agenda

- Quick Review of Session 43 information
- Days – oh my !
- Temporary Licensing
- Transfers
- IBM i per processor / user entitlement transfers
-  • Introduction to the My Entitled Systems Support website aka ESS website

My Entitled Systems Support

- Require an IBM ID to access ESS
- Register customer number
- Access ESS options

ESS – Home Page

<https://www-304.ibm.com/servers/eserver/ess/OpenServlet.wss>

Servers >

My Entitled Systems Support

- Sign in
- Help
- Language selection
- Contacts
- Feedback

- Related links**
- ShopzSeries
 - Passport Advantage
 - Guardium
 - Rational Products
 - SPSS Products
 - Sterling Commerce Products
 - WebSphere Products

My Entitled Systems Support

Welcome to your Entitled Systems Support site.

The website has recently extended its support. The Entitled Systems Support site provides support for Power Systems (AIX and IBM i) software and storage software, and provides now support as well for Power8 update access key.

My entitled software

Provides support for Power systems (AIX and IBM i) and storage software. Here you can:

- Place a software update order (available for AIX and IBM i only) and download software (available for Powers AIX, IBM i and storage).
- Retrieve software keys and manage program entitlement (IBM i only)
- Verify software maintenance records (available for both Power systems and storage)

My entitled hardware

Provides support for update access key (currently available for Power8). Here you can:

- View, download and request update access keys.

Click on [Help](#) in the left navigation bar for additional details or [Contacts](#) if you need to contact world wide customer support.

Sign in

You must use your IBM Web ID to sign in to this site. If you have not previously registered for an IBM Web ID, please [register](#) now.

Quick status

Last action:

Not signed in

My entitled software

My Entitled Systems Support

- My entitled software**
 - Software updates
 - Software downloads
 - IBM i Evaluation, Try & Buy and NLV download
 - Entitlements
 - Power i, iSeries, AS/400 software keys
 - SWMA Records
 - Data report
 - Register IBM customer number
 - Manage customer numbers
 - View my authorizations
 - User preferences
- My entitled hardware
- Help
- Language selection
- Feedback

Related links

- FixCentral

Brand selection

Select the brand you want to work with on ESS

Power (IBM i) 

Quick status

Last action:

Signed in

My Entitled Systems Support

Hello, A. J. Fellows

 News flash(4)

[→ Contacts](#)

[→ Sign out](#)

Servers > Entitled Software Support > Administrator functions >

Register IBM customer number

This page allows you to register a customer number for your company. The customer number must be registered to use Entitled Software Support.

Note: When you register a customer number, your IBM registration user ID will be designated as the **primary contact** for the customer number. Ensure that the user who registers the customer number is the appropriate person for this role.

The fields indicated with an asterisk (*) are required to complete this transaction. If you do not want to provide the information, use the **Back** button on your browser to return to the previous page, or close the window or browser session that is displaying this page.

If you need more information on customer number registration or management, check on the [Help](#) section.

Identification

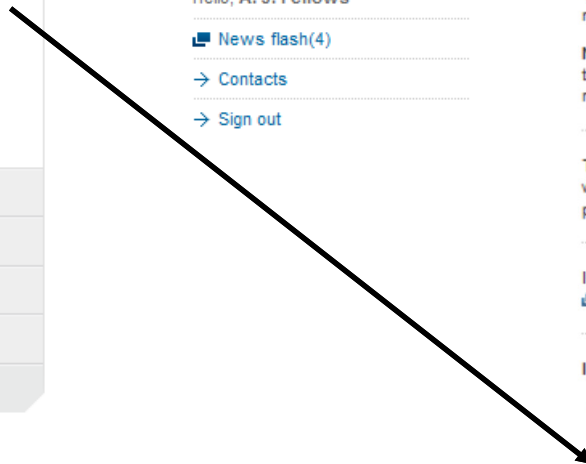
Country *

Afghanistan (614) 

Customer number *

Submit

Cancel



Register IBM customer number

- Country
 - Customer number

 - To obtain full access to the customer number, one the of following items should be selected –
 - > **Order number** (6 digits)
 - > **SWMA Contract Number** (6 digits)
 - > **System number** (5 digits) Note: *this is not the Hardware serial number*
 - > To obtain access to Software Downloads only, select Hardware serial number : (7 digits)
- Note : Registering with hardware serial number gives only access to entitled software download**
- **First person who registers the customer number will be assigned as the *primary contact***

Entitlements

- Select the Brand selection if not Power (IBM i)

Entitlements

electronic Proofs of Entitlement

On this page you can:

- Transfer ePoE(s) - By clicking on the **Transfer ePoE** button you can transfer entitlements from one Machine type/serial or Customer Number to another.
- View ePoE list - By clicking on the **View ePoE list** button you can view and print your ePoE information.



- Select Customer number (*list*)
- Select Serial number (*list*)

Customer no. 88694707 Machine type/serial 8202945

Proof no.	Development/Demo	Product no.	Product name	Quantity*
<input type="checkbox"/> C83778BKIREGENC	N	5770HAS	POWERHA SYMMIRROR STAND EDIT	P20 with 4 Processor(s)
<input checked="" type="checkbox"/> C08023BVPOEGENC	N	5770SS1	IBM i - Per Processor	4 Processor(s)
<input type="checkbox"/> C22133B0POEGENC	N	5770SS1	IBM i	
<input type="checkbox"/> C22139BYPOEGENC	N	5770SS1	DB2 Multisystem	1 Server(s)
<input type="checkbox"/> C22837BUPOEGENC	N	5770SS1	HA Journal Performance	Processor group P10
<input type="checkbox"/> C28453BXPOEGENC	N	5770SS1	DB2 Symm Multiprocessing	Processor group P10
<input type="checkbox"/> C35050BWPOEGENC	N	5770SS1	OptiConnect	Processor group P10
<input type="checkbox"/> C39356BZPOEGENC	N	5770SS1	IBM i Users	60 Users
<input type="checkbox"/> C42559B0POEGENC	N	5770SS1	Encrypted Backup Enablement	Processor group P10
<input type="checkbox"/> C42767BRPOEGENC	N	5770SS1	Media & Storage Extensions	1 Processor(s)
<input type="checkbox"/> C78493BTPOEGENC	N	5770SS1	HA Switchable Resources	Processor group P10
<input type="checkbox"/> C80095B1POEGENC	N	5770SS1	Encrypted ASP Enablement	Processor group P10
<input type="checkbox"/> C94819BSPOEGENC	N	5770SS1	PSF for IBM i Any Speed	1 Server(s)
<input type="checkbox"/> C68983BGPOEGENC	N	5770WDS	RATIONAL DEVELOPMENT STUDIO	1 License(s)
<input type="checkbox"/> C87203BLPOEGENC	N	5770XW1	IBM I ACCESS FAMILY	Processor group P10
<input type="checkbox"/> Select all				

View / print Cancel

ePoE detail

Entitlements

electronic Proofs of Entitlement ePoE(s) information

Select Cancel to return to previous page.

Customer number	866 ABC123
Machine type/serial	8202 1234ABC

Proof number	C08023BVPOEGENC
Product number	5770SS1
Product name	IBM i - Per Processor
Version	V7
Install code id	5051
Quantity	4 Processor(s)
Order number	ZZ34A

ePoE Transfer

Entitlements

electronic Proofs of Entitlement

On this page you can:

- Transfer ePoE(s) - By clicking on the **Transfer ePoE** button you can transfer entitlements from one Machine type/serial or Customer Number to another.
- View ePoE list - By clicking on the **View ePoE list** button you can view and print your ePoE information.



- Identify DONOR
 - Validate
- Identify TARGET
 - Validate
- Select entitlements to transfer
- Confirm Transfer
- DONOR and TARGET must be on the same customer number
- Please note that if the DONOR is at a lower processor Group than the TARGET then the entitlement will have to uplifted and a charge will apply in most cases. 5761-WDS / 5770-WDS are a special case and will depend on the number of user entitlements for each feature – please speak to your Business Partner on this item.

Power i, iSeries, AS/400 software keys

- Select Customer number
- Select Serial number


- Select IBM i OS keys level

Step 2: Keys version and release selection

Please select the IBM i OS version and release for which you want to work with keys. Note that only V5R3 and higher are supported on the website. For any lower version or release, please contact [Customer support](#).

Current IBM i OS version: V7R2M0

Select IBM i OS keys level:





Step 3: software keys selection

Select at least one product key before you click on one of the options below. You can use the "select all" button at the end of the page if you want to work with all the software keys.

Customer no. 866 994822 Machine type/serial 8202069F40T

Product number	Development / Demo	Product name	Version / Expires release
<input type="checkbox"/> 5722IP1	N	*InfoPrint Server for iSeries	V5R3M0
<input type="checkbox"/> 5722IP1	N	*PS to AFP Transform	V6R3M0
<input type="checkbox"/> 5770SS1	N	*HACMP node resources	V7R2M0
<input type="checkbox"/> 5770SS1	N	*IBM i	V7R2M0
<input checked="" type="checkbox"/> 5770SS1	N	*IBM i - Per Processor	V7
<input type="checkbox"/> 5770SS1	N	*IBM i Users	V7
<input type="checkbox"/> 5770SS1	N	*Media & Storage Extensions	V7R2M0
<input type="checkbox"/> 5770SS1	N	*Print Anyspeed Impressions/Minute	V7R2M0
<input type="checkbox"/> 5770XW1	N	*iSeries Access Family Proc Based	V7R2M0

Select all

Software Updates

- With an ACTIVE SWMA you can update (upgrade) to a higher version/release if one is available
- It is possible to skip a version/release
- Select Customer Number and Serial Number
- Shown Current IBM i OS level
 - Select IBM i upgrade level from the list
 - See what products will get updated
 - Agree Terms
 - Select delivery method
 - Download now
 - Download later
 - Request physical media
provide shipping address
 - Provide payment details if required
 - You will received email notification of the order
 - **Note: Not all countries are supported for Software Updates**


Software Downloads

- Select Operating System
- Select Version
- Software list shown
- Select Language
- Package details shown
 - Expand details to see exact contents
 - Select individual items
- View License Details if required
- Agree Terms
- Download options
 - IBM Download Director
 - HTTP
- **Note: Not all countries are supported for Electronic Downloads**

IBM i Evaluation, Try & Buy and NLV download

- Select Customer number and Serial number
- Select Version and Language if required
- Package details shown
- Select items required
- View License Details if required
- Agree Terms
- Download options
 - IBM Download Director
 - HTTP

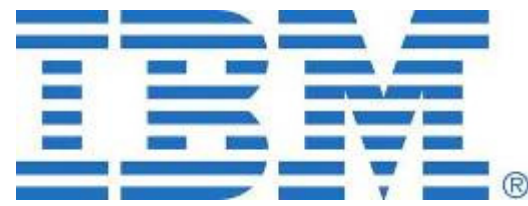
Agenda

- Quick Review of Session 43 information
- Days – oh my !
- Temporary Licensing
- Transfers
- IBM i per processor / user entitlement transfers
- Introduction to the My Entitled Systems Support website aka ESS website
-  • Q & A if time

The two sessions 43 and 44 cover the basics.

We have shared a lot of information during the two sessions but hope that you have found the information useful and that you have a better understanding.

Thank you.



Special notices

This document was developed for IBM offerings in the United States as of the date of publication. IBM may not make these offerings available in other countries, and the information is subject to change without notice. Consult your local IBM business contact for information on the IBM offerings available in your area.

Information in this document concerning non-IBM products was obtained from the suppliers of these products or other public sources. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. Send license inquires, in writing, to IBM Director of Licensing, IBM Corporation, New Castle Drive, Armonk, NY 10504-1785 USA.

All statements regarding IBM future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

The information contained in this document has not been submitted to any formal IBM test and is provided "AS IS" with no warranties or guarantees either expressed or implied.

All examples cited or described in this document are presented as illustrations of the manner in which some IBM products can be used and the results that may be achieved. Actual environmental costs and performance characteristics will vary depending on individual client configurations and conditions.

IBM Global Financing offerings are provided through IBM Credit Corporation in the United States and other IBM subsidiaries and divisions worldwide to qualified commercial and government clients. Rates are based on a client's credit rating, financing terms, offering type, equipment type and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension or withdrawal without notice.

IBM is not responsible for printing errors in this document that result in pricing or information inaccuracies.

All prices shown are IBM's United States suggested list prices and are subject to change without notice; reseller prices may vary.

IBM hardware products are manufactured from new parts, or new and serviceable used parts. Regardless, our warranty terms apply.

Any performance data contained in this document was determined in a controlled environment. Actual results may vary significantly and are dependent on many factors including system hardware configuration and software design and configuration. Some measurements quoted in this document may have been made on development-level systems. There is no guarantee these measurements will be the same on generally-available systems. Some measurements quoted in this document may have been estimated through extrapolation. Users of this document should verify the applicable data for their specific environment.

Revised September 26, 2006

Special notices (cont.)

IBM, the IBM logo, ibm.com AIX, AIX (logo), AIX 5L, AIX 6 (logo), AS/400, BladeCenter, Blue Gene, ClusterProven, DB2, ESCON, i5/OS, i5/OS (logo), IBM Business Partner (logo), IntelliStation, LoadLeveler, Lotus, Lotus Notes, Notes, Operating System/400, OS/400, PartnerLink, PartnerWorld, PowerPC, pSeries, Rational, RISC System/6000, RS/6000, THINK, Tivoli, Tivoli (logo), Tivoli Management Environment, WebSphere, xSeries, z/OS, zSeries, Active Memory, Balanced Warehouse, CacheFlow, Cool Blue, IBM Systems Director VMControl, pureScale, TurboCore, Chiphopper, Cloudscape, DB2 Universal Database, DS4000, DS6000, DS8000, EnergyScale, Enterprise Workload Manager, General Parallel File System, , GPFS, HACMP, HACMP/6000, HASM, IBM Systems Director Active Energy Manager, iSeries, Micro-Partitioning, POWER, PowerExecutive, PowerVM, PowerVM (logo), PowerHA, Power Architecture, Power Everywhere, Power Family, POWER Hypervisor, Power Systems, Power Systems (logo), Power Systems Software, Power Systems Software (logo), POWER2, POWER3, POWER4, POWER4+, POWER5, POWER5+, POWER6, POWER6+, POWER7, System i, System p, System p5, System Storage, System z, TME 10, Workload Partitions Manager and X-Architecture are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries.

A full list of U.S. trademarks owned by IBM may be found at: <http://www.ibm.com/legal/copytrade.shtml>.

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

AltiVec is a trademark of Freescale Semiconductor, Inc.

AMD Opteron is a trademark of Advanced Micro Devices, Inc.

InfiniBand, InfiniBand Trade Association and the InfiniBand design marks are trademarks and/or service marks of the InfiniBand Trade Association.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency which is now part of the Office of Government Commerce.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

Linear Tape-Open, LTO, the LTO Logo, Ultrium, and the Ultrium logo are trademarks of HP, IBM Corp. and Quantum in the U.S. and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries or both.

Microsoft, Windows and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries or both.

NetBench is a registered trademark of Ziff Davis Media in the United States, other countries or both.

SPECint, SPECfp, SPECjbb, SPECweb, SPECjAppServer, SPEC OMP, SPECviewperf, SPECcapc, SPECchpc, SPECjvm, SPECmail, SPECimap and SPECsfs are trademarks of the Standard Performance Evaluation Corp (SPEC).

The Power Architecture and Power.org wordmarks and the Power and Power.org logos and related marks are trademarks and service marks licensed by Power.org.

TPC-C and TPC-H are trademarks of the Transaction Performance Processing Council (TPPC).

UNIX is a registered trademark of The Open Group in the United States, other countries or both.

Other company, product and service names may be trademarks or service marks of others.

Revised December 2, 2010

Next Time

Mar 4th
HMC 8.20 User Interface Tech Preview
With Nigel Griffiths



Previous Sessions:
The "Key" to IBM i Licensing
POWER8 E870 from exper
Linux on Power: Best Pract
Linux for AIX/IBM i guys
PowerKVM Deep Dive
More Tricks Power Masters
Power8 from hands-on
Power up your Linux
PowerVC
PowerVP
SSP4
Best Practices
And more.....

Future Sessions →

- Suggestions Welcome



Twitter:

Gareth Coates @power_gaz

Jyoti Dodhia @JyotiDodhia



Nigel Griffiths @mr_nmon

Mandie Quartly @mandieq

Website: <http://tinyurl.com/PowerSystemsTechnicalWebinars>

Youtube Channel: <http://tinyurl.com/IBMPowerVUGYoutubeChannel>