

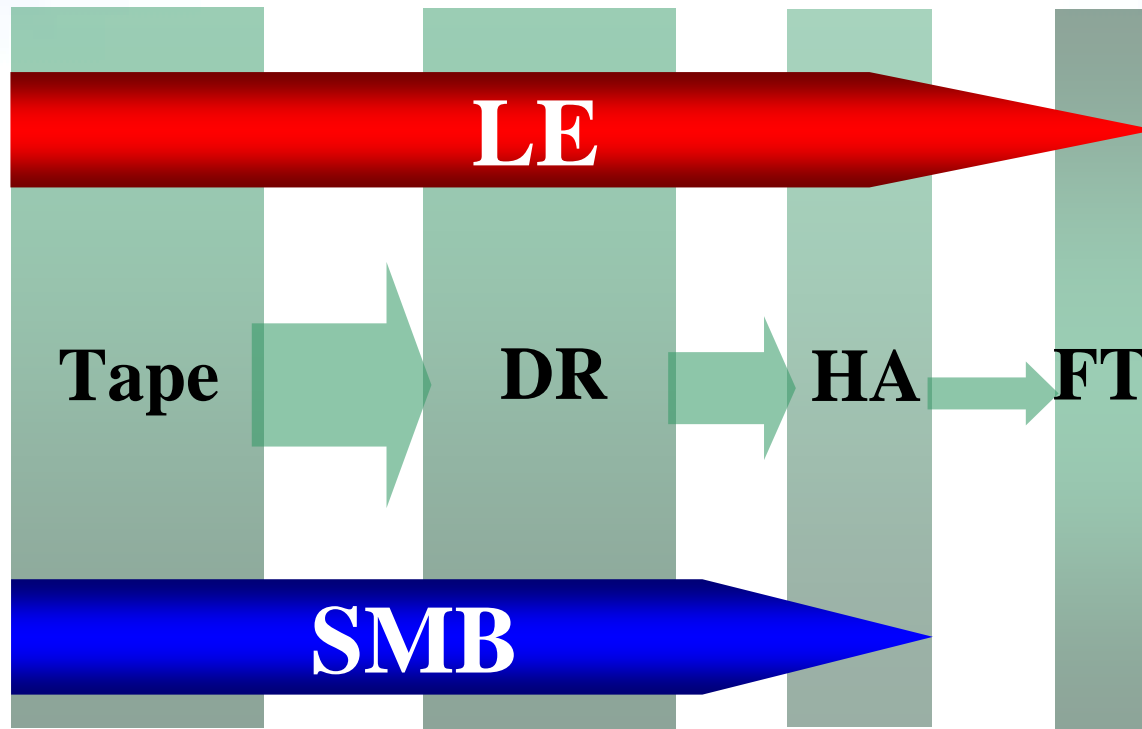


CBU for IBM i

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Power Systems Software



The Move is On



Every IT Shop has already deployed a level of resiliency

THE NEW POWER EQUATION |

The IBM Power™ Systems CBU For i

Cost Saving

- Transferability of entitlements to your CBU saves you the cost of having to purchase them

Innovative

- Designed specifically for HA/DR solution deployments
- Enables temporary transfer of IBM i
 - Entitlements from primary system to CBU
 - Enterprise enablements from primary system to CBU
 - User entitlements from primary system to CBU

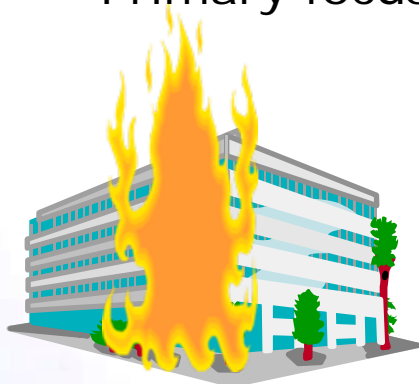
Simple

- Select your CBU and register

Client Need: Data/Disaster Recovery

Solution Strategy:

- Recover data after a system failure
- Establish or strengthen a business recovery plan
- Provide separate recovery location
- Primary focus is recovery *point*



Data Center



Remote Recovery Center

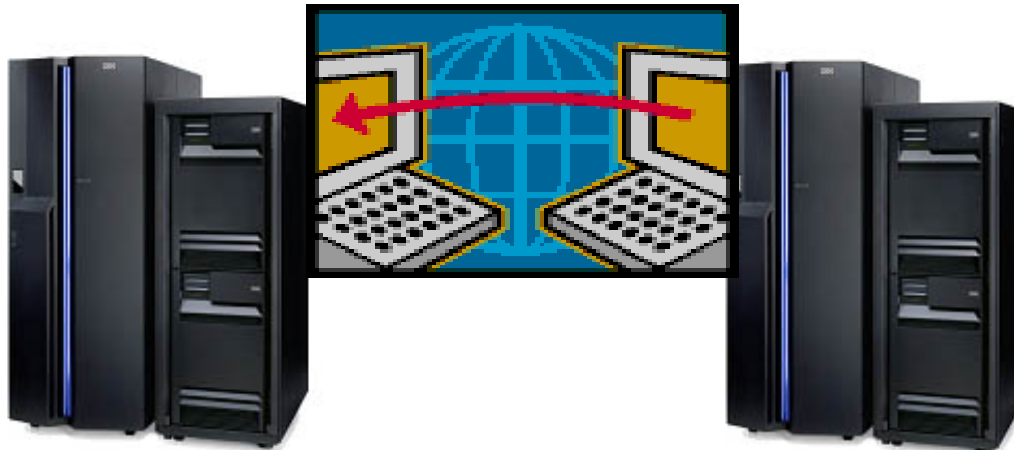


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Client Need: High Availability

Solution Strategy:

- Near continuous application service
- Eliminate the affects of planned outages
- Minimize unplanned outages
- Regular and sustained role swap operations
- Primary focus is recovery *time & recovery point*

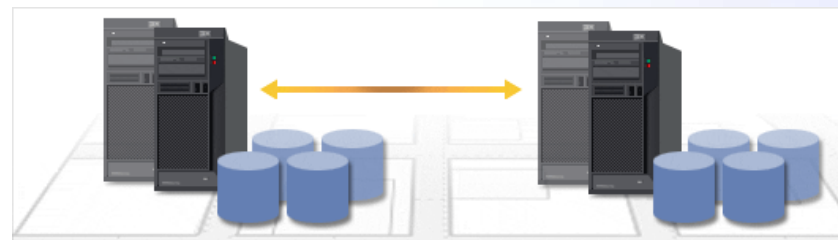


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Power™ Systems CBU Offerings Overview

CBU for i

- For DR and/or HA
- Power™ 520, 550, 560, 570 & 595
- BladeCenter® JS12 & JS22
- Transfer of IBM i & 5250 entitlements
- Transfer of IBM i user entitlements
- Order system with feature to specify that it is a CBU
- Should have an availability solution e.g. PowerHA™, iCluster®, Vision, etc



Power 595 CBU DR

- Power 595
- Disaster recovery for AIX®, i, Linux®
- Reduced price CoD days for testing and failover
- Limited to 4 permanently activated processors



Power Systems CBU for i

•Offering for

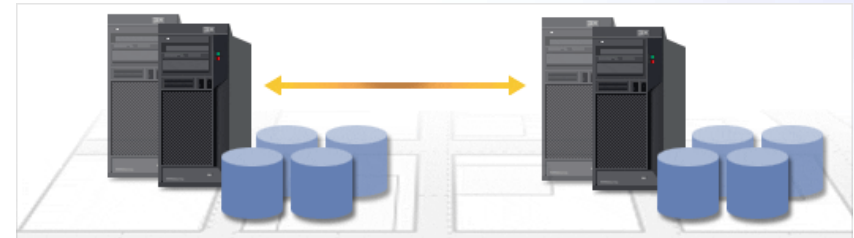
- 520, 550, 570 & 595 Power servers
- JS12 & JS22 BladeCenter
- IBM i HA/DR environments
- Consolidation environments (AIX, i and Linux)
-

•Offering Features

- *IBM i & 5250 OLTP capability*
- *Optional AIX and Linux capability*

•Offering Supports

- Optional permanent processor activations can be purchased for the 570 and 595
- Temporary transfer of IBM i processor license *entitlements* from primary to CBU system
- Transfer of AIX and Linux licenses for HA operations
- MES model upgrades to CBU from current CBU editions
- Registration for i operation system environments



Order CBU Specify code (required only for HA environments that include the IBM i) NOT required for AIX or Linux environments

Prerequisites (IBM i environments)

- Order CBU specify code when ordering a Power server
- Minimum one processor entitlement of IBM i for all models and user entitlements for 520
- Order at least one 5250 enterprise enablement if required
- Primary server must be of equal or higher software tier
- Registration of primary system and CBU is required prior to CBU order (new box or MES upgrade) being manufactured

<http://www.ibm.com/systems/power/hardware/cbu/index>

You Should Get A CBU For i If

- You need an economic system for your HA or DR project
 - A new HA/DR deployment should include a CBU
 - Replace your existing backup system with a new CBU
- You want to in-source your disaster recovery services
 - Check out the price/value equation for the new CBU in comparison to the cost of outsourcing, especially if you need to get to an RPO of zero
- You need to move beyond your current tape only backup recovery solution
 - The CBU for i offering is designed specifically for HA/DR operations
- You want to back up your IBM I, AIX & Linux environments
 - You don't need to purchase IBM i or Enterprise Enablement's for processors backing up AIX or Linux

CBU for i Product Offering Detail

Offering basics

- 595 CBU offering for i clients
- 570 CBU offering for i clients
- 560 CBU offering for i clients
- 550 CBU offering for i clients
- 520 CBU offering for i clients
- JS22 & JS12 CBU offering for i clients

CBU for i Overview

- **Client orders a second server for HA operations**
 - CBU specify code makes server a CBU
 - Register primary server and CBU server
 - Client “signs” agreement on IBM i OS licensing flexibility
 - CBU order is released to build (not shipped until registration agreement is approved)
 - Client enabled/authorized to perform temporary i entitlement transfer operations to CBU
- **CBU server prerequisites**
 - CBU must be paired (& registered) with another server of same or higher software tier
 - Client will have one copy of IBM i & 5250 (where appropriate) for the CBU
 - Client will have appropriate number of user entitlements
 - New serial number box (or model upgrade MES to a CBU box where available)
- **CBU privileges**
 - Processors on the CBU which are permanently activated for high availability or disaster recovery operations may use the temporarily transferred entitlements from the co-registered primary system .
 - Application work in the HA pairing may be transferred from the primary system to the CBU temporarily thus making the associated partition on the primary server the backup for that workload which has been moved to the CBU. Temporary means as long as the registered primary server and CBU server are associated, the workload can be on either server. If one of the servers goes away, the privilege to use transferred entitlements from the primary system stops.
 - Clients may purchase additional AIX or IBM i licenses for workload on processors in the CBU that are not involved in the HA solution grouping.

Power 595 CBU for i

•Offering for

- IBM i HA/DR environments
- Consolidation environments (AIX, i and Linux)

•Offering Features

- Optional IBM i & 5250 OLTP capability
- Optional AIX and Linux capability

•Offering

- Leverages Power 595 optional permanent processor activations
- Enables temporary transfer of IBM i processor license entitlements from primary to CBU system
- Enables temporary transfer of 5250 enterprise enablement 5250 entitlements from primary to CBU system
- Available for new servers or for MES upgrades into the 9119-FHA CBU specify code 4869

For registration

<http://www.ibm.com/systems/power/hardware/cbu>

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595 9119 FHA CBU (Specify code 4896)

Prerequisites

- Upon order of a new server or an MES model upgrade to 595 FHA you must also order CBU specify code 4896
- Order at least one copy of IBM i processor entitlement for the CBU
- Primary server must be a model 595 (see table or registration website for supported pairs)
- If primary has 5250 OLTP capability which the client wishes to temporarily transfer from the primary, the client needs to purchase at least one 5250 Enterprise Enablement feature for the CBU
- Both systems must be in the same enterprise
- Registration of primary system and associated CBU IBM is required prior to CBU order (new box or MES upgrade) being manufactured

595 CBU for i Clients

	9406 595 POWER5/5+	9119 FHA POWER6
Disaster Recovery	Yes	Yes
High Availability	Yes	Yes
Types of solutions/options which allow edition to be ordered: PowerHA solutions, IBM Storage Servers, Copy Services Tool kit, iCluster, HA ISV Solutions,	Yes	Yes
Package feature code	Yes	No
Specify feature code	No	Yes
IBM i license optional – minimum of 1 required for CBU	No	Yes
Optional permanent processor activations	Yes	Yes
Temporary transfers of optional IBM i processor entitlements to CBU	Yes	Yes
Temporary transfer of optional 5250 entitlements to CBU	Yes	Yes
Temporary transfer of IBM IPLA entitlements (passport advantage)	Yes	Yes
Pre-requisite of a 595 as primary system	Yes	Yes
Registration of primary system to qualify	Yes	Yes
No charge On/Off CoD if primary system down by disaster	Yes	No
Primary system must be same software tier or larger	Yes	Yes

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Power 570 CBU for i

•Offering for

- IBM i HA/DR environments
- Consolidation environments (AIX, i and Linux)

•Offering Features

- Optional IBM i & 5250 OLTP capability
- Optional AIX and Linux capability

•Offering

- Optional permanent processor activations
- Enables temporary transfer of i processor license entitlements from the primary system to the CBU system
- Enables temporary transfer of 5250 enterprise enablement entitlements from primary to CBU system
- CBU specify code may also be ordered when upgrading from current IBM i CBU IBM into the new 570 9117 MMA

For Registration

<http://www.ibm.com/systems/power/hardware/cbu>



570 9117 MMA CBU (Specify code 4891)

Prerequisites

- Upon order of a new 570 MMA you must also order CBU specify code 4891
- Order a minimum of one copy of IBM i processor entitlement for the CBU
- Order a minimum of one Enterprise Enablement (5250) if required
- Primary server must be a model 570 or a model 595 (see table later in this presentation or go to the registration website for supported pairs)
- Both systems must be in the same enterprise
- Registration of primary system and CBU is required prior to CBU order (new box or existing CBU MES upgrade) being manufactured

Power 570 CBU for i

	9406 MMA	9117 MMA
Disaster Recovery	Yes	Yes
High Availability	Yes	Yes
Types of solutions/options which allow edition to be ordered: PowerHA solutions, IBM Storage Servers, Copy Services Tool kit, iCluster, HA ISV Solutions,	Yes	Yes
Package feature code	Yes	No
Specify feature code	No	Yes
IBM i license optional - minimum of 1 required for CBU	No	Yes
Optional permanent processor activations	Yes	Yes
Temporary transfers of optional IBM i processor entitlements to CBU	Yes	Yes
Temporary transfers of optional 5250 entitlements to CBU	Yes	Yes
Temporary transfer of IBM IPLA entitlements (passport advantage)	Yes	Yes
Pre-requisite of a 570 or 595 as primary system	Yes	Yes
Registration of primary system to qualify	Yes	Yes
No charge On/Off CoD if primary system down by disaster	Yes	No
Primary system must be same software tier or larger	Yes	Yes

Power 560 Express CBU for i

•Offering for

- IBM i HA/DR environments
- Consolidation environments (AIX, i and Linux)

•Offering Features

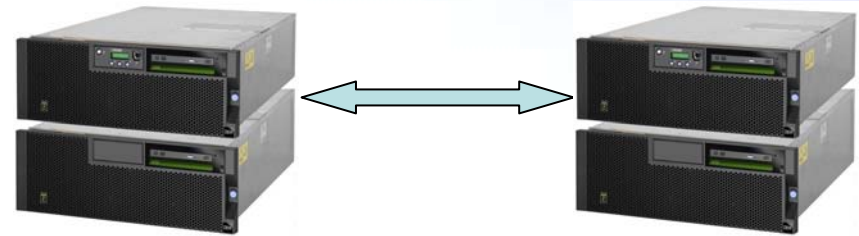
- Optional IBM i & 5250 OLTP capability
- Optional AIX and Linux capability

•Offering

- No Optional permanent processor activations
- Enables temporary transfer of i processor license entitlements from the primary system to the CBU system
- Enables temporary transfer of 5250 enterprise enablement entitlements from primary to CBU system
- CBU specify code may also be ordered when upgrading from current IBM i CBU IBM into the new 570 9117 MMA

For Registration

<http://www.ibm.com/systems/power/hardware/cbu>



560 8234-EMA CBU (Specify code 0444)

Prerequisites

- Upon order of a new 560 8234-EMA must also order CBU specify code 0444
- Order a minimum of one IBM i processor entitlement for the CBU
- Order 5250 OLTP capability if required
- Primary system choice is from the IBM i P20 or P30 software tier (see table or go to the registration website for supported pairs)
- Registration of primary system and CBU is required prior to CBU order (new box or existing CBU MES upgrade) being manufactured:

Eligible Primary and 560 CBU Pairings

CBU for i Environments	Eligible Primaries
560 (8234-EMA) Specify code 0444	9117-MMA
	9406-MMA
	9406-570
	8234-EMA
	8204-E8A
	9409-M50
	9406-550

Power 560 CBU for i

	8234-EMA
Disaster Recovery	Yes
High Availability	Yes
Types of solutions/options which allow edition to be ordered: PowerHA solutions, IBM Storage Servers, Copy Services Tool kit, iCluster, HA ISV Solutions,	Yes
Specify feature code	Yes
IBM i license optional - minimum of 1 required for CBU	Yes
Optional Permanent processor activations	No
Temporary transfers of optional i processor entitlements to CBU	Yes
Temporary transfers of optional 5250 entitlements to CBU	Yes
Temporary transfer of IBM IPLA entitlements (passport advantage)	Yes
Registration of primary system to qualify	Yes
No charge On/Off CoD if primary system down by disaster	No
Primary system must be same software tier or larger	Yes

Power 550 CBU for i

•Offering for

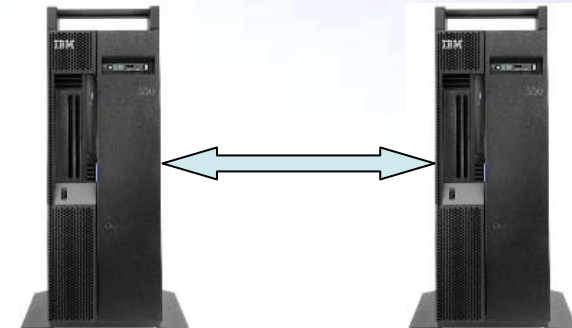
- IBM i HA/DR environments

•Offering Features

- Power 550 (8204-E8A specify code 0444)
- Optional IBM i & 5250 OLTP capability
- AIX and Linux supported as normal for HA operations

•Offering enables

- No optional permanent processor activations
- Temporary transfer of optional i operating license entitlements from primary to CBU system
- Temporary transfer of Enterprise Enablement entitlements (5250) from primary to CBU system
- MES model upgrades to a 550 Power System from a current CBU edition eligible to order 0444 specify code



550 8204-E8A CBU (Specify code 0444)

Prerequisites

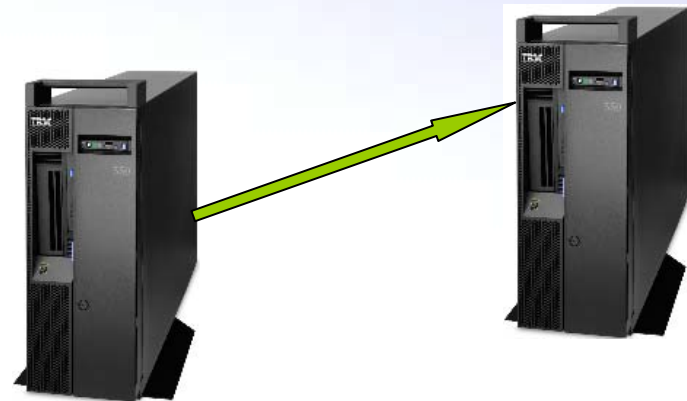
- Specify code 0444 available upon purchase of a new 550 8204-E8A or upon a model upgrade to a 550 8204-E8A
- Primary server may be a model 550, 560 or a 570 (see table or registration website for supported pairs)
- If needed, one enterprise enablement for 5250 capability must be configured for the CBU
- Both systems must be in the same enterprise
- Registration of primary system and CBU is required prior to CBU order (new box or MES upgrade) being manufactured
- <http://www.ibm.com/systems/power/hardware/cbu>

Power 550 CBU for i

	9409 M50	8204 E8A
Disaster Recovery	Yes	Yes
High Availability	Yes	Yes
Types of Solutions/options which allow CBU to be ordered: PowerHA solutions, IBM Storage Servers, Copy Services Tool kit, iCluster, HA ISV Solutions,	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes
Specify feature code	Yes	Yes
IBM i license optional - minimum of 1 required for CBU	Yes	Yes
Optional permanent processor activations	Yes	No
Temporary transfers of optional i entitlement entitlements to CBU	Yes	Yes
Temporary transfers of optional 5250 entitlements to CBU	Yes	Yes
Temporary transfer of IBM IPLA entitlements (passport advantage)	Yes	Yes
Registration of primary system to qualify	Yes	Yes
No charge On/Off CoD if primary system down by disaster	No	No
Primary system must be same software tier or larger	Yes	Yes

Power 520 CBU for i

- **Offering intended for**
 - HA & DR Environments
- **Offering Features**
 - Power 520 CBU (8293-E4A specify code 0444) for either 2-core or 4-core
 - Temporary transfer of optional IBM i user entitlements and/or optional processor entitlements to the 520 CBU
 - Reduced price user entitlements for the CBU server if the primary is a system that doesn't have user entitlements
- **Offering Enables**
 - No optional permanent processor activations
 - Temporary transfer of optional user entitlements to Power 520 CBU
 - Temporary transfer of optional per processor IBM i license entitlements from primary server to the Power 520 CBU
 - Optional reduced price user entitlement features may be purchased at the time of purchase of the 520 8203-E4A CBU for: 8204-E8A, 9409-M50, 8234-EMA, 9406-550 and 9406-520



520 8203-E4A CBU (Specify code 0444)

Prerequisites

- Specify code 0444 available only upon purchase of a new 8203 or an MES upgrade to 8203-E4A system
- Specific primary systems with IBM i software in the p10 or p20 software tiers
- 30 minimum user entitlements on 2-way CBU and 50 on 4-way CBU
- Both systems must be in the same enterprise & same country
- Registration of primary system and CBU is required prior to CBU order (new box or MES upgrade) being manufactured: go to <http://www.ibm.com/systems/power/hardware/cbu/index>

Eligible 520 CBU Primary and CBU Pairings

CBU for i Environments	Eligible Primaries	Reduced price IBM i user entitlements available at time of purchase of 8203
520 (8203-E4A) 2core or 4-core Specify code 0444 <ul style="list-style-type: none"> - 2 core requires a minimum of 30 i user entitlements - 4 core requires a minimum of 50 i user entitlement - Purchase sufficient user entitlements to support your primary if it's a model which doesn't have user entitlements 	9409-M50 *	Yes
	9406-550 *	Yes
	8234-EMA *	Yes
	8203-E4A 2 core	Yes
	8203-E4A 4 core	Yes
	9408-M25	Yes
	9406-525	Yes
	9406-520 *	Yes

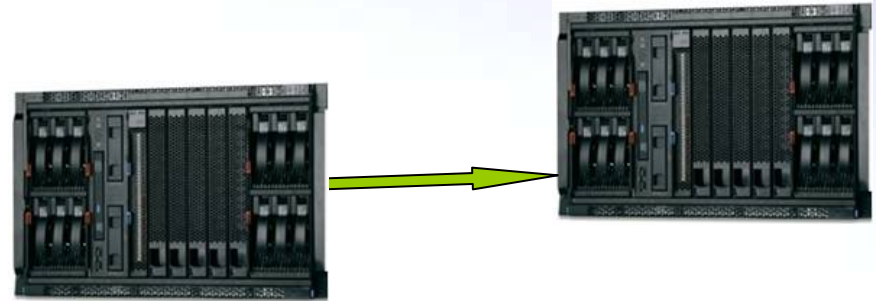
* These primary systems have no user entitlements which can be transferred to CBU 8203 therefore user entitlements must be purchased for the CBU

Power 520 CBU for i

	<i>Power 520 M25 CBU Edition</i>	<i>520 8203 CBU</i>
Disaster Recovery	Yes	Yes
High Availability	Yes	Yes
Types of solutions/options which allow CBU to be ordered: PowerHA solutions, IBM Storage Servers, Copy Services Tool kit, iCluster, HA ISV Solutions,	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes
Temporary transfers of optional i entitlements to CBU	Yes	Yes
Temporary transfers of optional IBM i user entitlements to CBU	Yes	Yes
AIX, Linux License Transfers or Deployments	Yes	Yes
Specify feature 0444 available upon MES to 520 8203	Yes	Yes
Registration of primary system, CBU & # of users to qualify	Yes	Yes

CBU for BladeCenter JS12 & JS22

- **Offering intended for**
 - HA & DR Environments
- **Offering Features**
 - CBU for BladeCenter JS22 & JS12 (specify code 4898)
 - Temporary transfer of optional IBM i user entitlements and/or optional processor entitlements to CBU blade
- **Offering Enables**
 - Temporary transfer of optional user entitlements to CBU blade
 - Temporary transfer of optional per processor IBM i license entitlements from primary blader to the CBU blade



JS22 and JS12 CBU (Specify code 4898)

Prerequisites

- Specify code 7998 available only upon purchase of a new JS22 or JS12
- Primary system will be a JS22 or a JS12
- CBU will be of same or smaller tier
- Minimum of 10 user entitlements
- Both systems must be in the same enterprise & same country
- Registration of primary system and CBU is required prior to CBU order (new box or MES upgrade) being manufactured: go to

<http://www.ibm.com/systems/power/hardware/cbu>

BladeCenter CBU for i	Eligible Primary
JS22 61X Specify code 4898	JS22 7998 61X
JS12 60X Specify code 4898	JS22 7998 61X
	JS12 7998 60X

CBU for BladeCenter JS12 & JS22

	CBU BladeCenter
Disaster Recovery	Yes
High Availability	Yes
Types of solutions/options which allow CBU to be ordered: PowerHA solutions , IBM Storage Servers , Copy Services Tool kit , iCluster , HA ISV Solutions ,	Yes Yes Yes Yes Yes
Temporary transfers of optional processor i license entitlements to CBU	Yes
Temporary transfer to CBU of optional IBM i user entitlements	Yes
AIX, Linux License Transfers or Deployments	Yes
Specify feature 4898 available upon purchase	Yes
Registration of primary system, CBU & # of users to qualify	Yes

Registering an Order for a CBU System

- An order for a new CBU server must be registered prior to order fulfillment
 - Register at <http://www.ibm.com/systems/power/hardware/cbu/index>
 - Clients must sign a new license agreement
 - Electronically in most cases or by fax if necessary
- The order will be scheduled for manufacture only after the system has been registered and the signed license agreement has been approved by IBM

<http://www.ibm.com/systems/power/hardware/cbu/>

Primary System Hardware Information

System that your new IBM CBU order will be backup for

*Select **ONE** of the two options below, then enter the details on the fields that will appear.

Current/Installed Existing System

New Box (Order #) or Upgrade Power server (MES #)

Capacity Backup Unit (CBU) Hardware System Information

* CBU IBM Plant Order #:

(Enter your CBU 6 alphanumeric Plant Order Number)

* Select your on Order CBU
(Your Selection **MUST** match the Model and Feature Code that was ordered on CBU IBM Plant Order # above) ▼

Availability Solution Information

* Solution Approach: ▼

Comments / Exceptions

If for any reason you are unable to match up the information on your order with the information requested or provided in this Web Form Registration, please use this field to enter any additional information that may help us determine eligibility.

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Non BladeCenter Eligible Primary and CBU Pairings

CBU for i Environments	Tier	Eligible Primaries	Tier
595 (9119-FHA) CBU (Specify code 4896)	P50	<ul style="list-style-type: none"> o 595 (9119-FHA) o 595 (9406-595) 	P50 P50/P60
570 (9117-MMA) CBU (Specify code 4891)	P30	<ul style="list-style-type: none"> o 595 (9119-FHA) o 595 (9406-595) o 570 (9117-MMA) o 570 (9406-MMA) o 570 (9406-570) 	P50 P50/P60 P30 P30 P30/P40
560 (8234-EMA) CBU (specify code 0444)	P20	<ul style="list-style-type: none"> o 570 (9117-MMA) o 570 (9406-MMA) o 570 (9406-570) o 560 (8234-EMA) o 550 (8204-E4A) o 550 (9409-M50) o 550 (9406-550) 	P30 P30 P30/P40 P20 P20 P20 P20
550 (8204-E8A) CBU (Specify code 0444)	P20	<ul style="list-style-type: none"> o 570 (9117-MMA) o 570 (9406-MMA) o 570 (9406-570) o 560 (8234-EMA) o 550 (8204-E8A) o 550 (9409-M50) o 550 (9406-550) 	P30 P30 P30/P40 P20 P20 P20 P20
520 (8203-E4A) CBU (Specify code 0444) 2-core or 4-core	P10	<ul style="list-style-type: none"> o 560 (8234-EMA) o 550 (8204-E8A) o 550 (9409-M50) o 550 (9406-550) o 520 (8203-E4A) o 520 (9408-M25) o 525 (9406-525) o 520 (9406-520) 1/2-way 	P20 P20 P20 P20 P10 P10 P10 P10

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HA/DR ISV Enhanced CBU Companion Offers

Solution Provider	Companion Offer	Website URL
IBM	PowerHA for i	www.ibm.com/systems/power/software/availability
IBM	Copy Services	www.ibm.com/systems/power/software/availability
IBM	iCluster	www.ibm.com/systems/power/software/availability
Maximum Availability	NoMax CBU	www.maxava.com/cbu
Trader's	Quick EDD CBU Edition	www.quick-edd.com/uk/promos_ibm.htm
Vision Solutions	MIMIX HA, ORION HA, iTera HA	www.visionsolutions.com/cbuoffer

Notes & FAQs

THE NEW POWER EQUATION |

CBU Being Used in the Switchover Mode

- Optional license entitlements on the primary are transferable to the registered CBU
 - **License Agreement for entitlement transfer Ts and Cs must be reviewed and agreed to by the client.**
 - In an active “switchover” mode IBM i license entitlements and/or enterprise enablement's are allowed to be temporarily moved to the CBU edition.
 - Temporary means for as long as the registered primary system and the CBU are connected.
 - Only the optional license entitlements are transferable from the primary to the CBU
 - You will need at least one IBM i Enterprise Enablement license on your new CBU if you are connecting to a primary with 5250. (except in the case of the Power 520 which has user entitlements)
 - CBU processors must be permanently activated to accommodate the licenses. (They will have to be LPARed in a non-active partition if activated and not used)
 - Transferable license entitlements may not be used concurrently. They are used either on the primary system or on the CBU system.
 - CBU based license entitlements can't be transferred to the production system.
- On/Off daily charges would apply to any processors used in the switchover that are not permanently activated.
 - You need KEYS to activate processors –Temporary (On/Off) or permanent
 - IBM i keys assigned to the production system are not required on the CBU for licenses temporarily transferred. IPLA software PIDs will require back-up keys.

Frequently Asked Questions

1. What is an IBM i operating system user?

- A IBM i user is a person who accesses IBM i and exchanges credentials directly with IBM i or with an application on IBM i. Examples of credentials are a user-id and password, Kerberos authentication, LDAP Directory, or fingerprint identification.

2. What is an IBM i user entitlement?

- A IBM i user entitlement gives a user the right to access the 520

3. Who needs a IBM i User Entitlement?

- Every IBM i User needs an IBM i user entitlement.

4. What about IBM i Users that are external to an enterprise?

- If you would like to allow users external to your enterprise, such as your business partners or clients, to access IBM i on your system, you have two licensing options:
- Acquire a IBM i user entitlement for each of user external to the enterprise
- Acquire a IBM i External Access option for your system

5. What is meant by users in an enterprise?

- Users in an enterprise are employees or other similar personnel or individuals to whom you provide hosted services.

6. What is the definition of enterprise?

- An enterprise is any legal entity (such as a corporation) and the subsidiaries it owns by more than 50 percent.

7. Who are IBM i Users external to an enterprise?

- IBM i Users that are clients, suppliers, and partners, who are not employees of your enterprise, are external to an enterprise.

8. Are IBM i user entitlements based on the number of concurrent users?

- Yes, each IBM i concurrent user requires a IBM i user entitlement regardless if they are logged on or actively accessing the system.

Frequently Asked Questions

- 9. Is someone that accesses a 5250 application an IBM i User?**
 - Yes, a person that exchanges credentials with IBM i or an application on IBM i is an IBM i User regardless of connection type or application accessed.
- 10. Does an IBM i User that works remotely need an IBM i user entitlement?**
 - Yes, every IBM i User in your enterprise needs an IBM i user entitlement regardless of location (e.g., central office, remote office, or home).
- 11. Does an employee that accesses IBM i once a month need a user entitlement?**
 - Yes, every IBM i User in your enterprise needs an IBM i user entitlement regardless of how often they exchange credentials with IBM i or an application on IBM i.
- 12. Does an employee that uses a client/server application need a user entitlement?**
 - If the employee exchanges credentials with IBM i or an IBM i application, then yes they need an IBM i user entitlement.
- 13. Does a user that never exchanges credentials need an IBM i user entitlement?**
 - No, a user that does not exchange credentials with IBM i or an application on IBM i is not an IBM i User and therefore does not need an IBM i user entitlement. For example, an unidentified person that just browses your web site does not need an IBM i user entitlement.
- 14. Are clients, suppliers, or partners allowed to access IBM i applications?**
 - Yes, an IBM i User can be a person external to an enterprise.
- 15. Do IBM i Users external to an enterprise need IBM i user entitlements?**
 - Yes, every IBM i User external to your enterprise needs an entitlement, regardless of their location, connection type, application accessed, user interface, or how often they access IBM i.

Frequently Asked Questions

16. Does the Power 520 CBU or the Power 550 CBU offer a declare a disaster option ?

- No, neither the Power 520 or the Power 550 support on/off CoD
- Nor the recently announced 560 or the BladeCenter CBU

17. What does temporary mean when used in the context of transferring optional IBM i user entitlements or optional IBM i license entitlements ?

- Temporary means that the transferred entitlements “belong” to the primary system. If the primary system goes away, all optional transferred IBM i user entitlements or IBM i license entitlements remain with the primary system.

18. Can I transfer my base IBM i user entitlements ?

- No, the base IBM i entitlements in the 525 are not transferable

19. Why are reduced price IBM i user entitlements offered as part of the initial purchase of a Power 520 CBU if the primary system doesn't have them ?

- Certain systems do not have IBM i user entitlements and the Power 520 REQUIRES them. You need to acquire enough IBM i user entitlements to support your role swap operations between your eligible primary and your Power 520 CBU.

20. What happens to my reduced price IBM i entitlements if I upgrade my old 9406-520 to a new Power 520 or if my old 520 goes away ?

- The reduced price IBM i user entitlements are valid as long as your Power 520 CBU is paired with your registered system or if that system has been upgraded. The reduced price user entitlements you initially purchased are still valid and may be used as long as the two systems initially registered remain paired together.

21. Is my primary system required have more CPWs than my Power 520 CBU ?

- With the introduction of IBM i user entitlements this is not a requirement. You must however purchase as many IBM i user entitlements as you need to support your 520 primary IBM in role swap operation.

Frequently Asked Questions

22. What happens if the registration is not completed ?

- The order will not be fulfilled.

23. Can I use the second processor on my Power 520 CBU for running an AIX application ?

- If you have sufficient capacity for your i operations on a single processor, you may use the second processor for any purpose as long as you have purchased the processor activation. The second processor may be used for failover (with transferred license entitlements from the primary system) OR IBM i, Linux or AIX 5L may be purchased to run workload concurrently.

24. How many primary i systems can I backup with my Power 520 CBU ?

- One IBM i which is designated as the primary system (and it must be owned by the client) may be paired to a CBU for the purpose of role swap operations.

25. What type of HA or DR solution can I use with my IBM CBU for i?

- You can use any approach you choose. PowerHA for i, DS8000, and Logical Replication are the most commonly deployed technologies.

26. Must every Licensed Program product that is installed on the primary system be purchased additionally on the CBU system ?

- IBM IPLA license agreements allow you to transfer Program Products to a backup server as long as the primary server is down or not in production. You must license any program product that is used on the CBU and the primary system concurrently.

27. Can a business recovery service provider use the IBM i Capacity BackUp offering to support multiple clients

- No. The CBU is designed and priced to support one primary system within the same enterprise.

28. Can the CBU ever function as a stand alone production system ?

- No. The CBU is registered with a specific primary server and must remain so to be in compliance..

IBM i Temporary Transferal Procedure

- A software key tells each system's license manager how many i processor license entitlements each system has. If the client ever runs/assigns more i work than the system has entitlements; then messages are periodically issued to the operator indicating the IBM is out of license compliance. By the terms of the IBM licensing agreement, the client must then bring the IBM into compliance by either a) reducing i workload or b) adding i processor license entitlements.
- Signing the additional license agreement for CBU temporary transfers documents that IBM and the client understand when entitlements can be transferred from the primary to the CBU system. (Signature is either a real signature or a "click to accept".)
- IMPORTANT ... when entitlements are temporarily transferred to the CBU system, the software key information on neither machine is altered. Thus the CBU system will issue the out-of-compliance message indicating i is out of compliance. The additional license agreement terms give permission to the client under this situation to ignore these messages. The client agrees to monitor the i usage on both the primary and CBU systems to ensure the i usage on the pair of machines does not exceed the total number of i processor license entitlements.
- In addition to IBM i processor license entitlement, the Power 520 has IBM i user entitlements. User entitlements are transferable from the primary the Power 520 CBU. If the primary system does not use i user entitlements and you must purchase user entitlements for your CBU. (these entitlements are offered at reduced price at the time of ordering a new Power 520 CBU)

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Power servers



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