

Power Week 2025

#pw2025

18 - 19 - 20 novembre 2025

IBM Innovation Studio Paris

S84 - Tableau de bord Power

20 novembre 15:00 - 16:00

Sylvain DESNOËS

IBM France

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Tableau de bord

- Visualisation d'informations essentielles (inventaire, statut des serveurs, consommation, utilisation des ressources ...)
- Extraction de ces données
- Accès simple
- Sans interaction avec les serveurs Power
- Pas un système de surveillance
- Cloud Management Console - CMC

In **Inventory**

Monitor the health status of all the resources in your Power infrastructure. Search your resource and hardware inventory to find what you need. Select any resource to filter the status information for that resource.



CM **Capacity Monitoring**

Monitor performance for your entire Power environment, including core, memory, network, storage and power utilization, to immediately address critical problems and plan for capacity.



EP **Enterprise Pools 2.0**

Monitor Shared Utility resources of a Power Private Cloud infrastructure



PP **Patch Planning**

Consolidated, easy-to-navigate views of code levels across your Power environment and available updates. Create and share patch plans with all stakeholders.



Lo **Logging**

Use the Logging application to get insights into your data center PowerVM Virtualization actions such as Live Partition Mobility (LPM), Remote Restart (RR), and Partition Lifecycle.



Cloud Management Cloud

- Service SaaS dans IBM Cloud
- Souscription par serveur et par socket
- Obligatoire pour l'offre Power Private Cloud (PPC – PEP 2.0)

- Informations transmises par les HMCs qui gèrent les serveurs Power
- Communication unidirectionnelle : HMC -> CMC

- Gestion des utilisateurs par le client
- Possibilité de limiter les accès à certaines fonctions par utilisateur

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Mise en œuvre

Création de la CMC

- Formulaire à remplir :
 - Adresse mail de l'administrateur principal
 - IBM ID de l'administrateur principal (à créer si besoin)
 - Nom du sous-domaine pour l'URL de la CMC : <https://<sous-domaine>.powercmc.com>
 - Localisation de la CMC
 - Liste des serveurs Power gérés par la CMC
- Formulaire disponible ici : https://www.ibm.com/docs/en/SSMELR/My_entitled_hardware/Power_Enterprise_Pools/non-source/CMC_Activation-LCD8_2510_06_update_Dec_2022.pdf
- Formulaire complété à adresser à **support@ibmcmc.zendesk.com**

Connexion HMC - CMC

- Ouverture des flux sortants des HMCs vers la CMC dans IBM Cloud

Cloud Connector Management

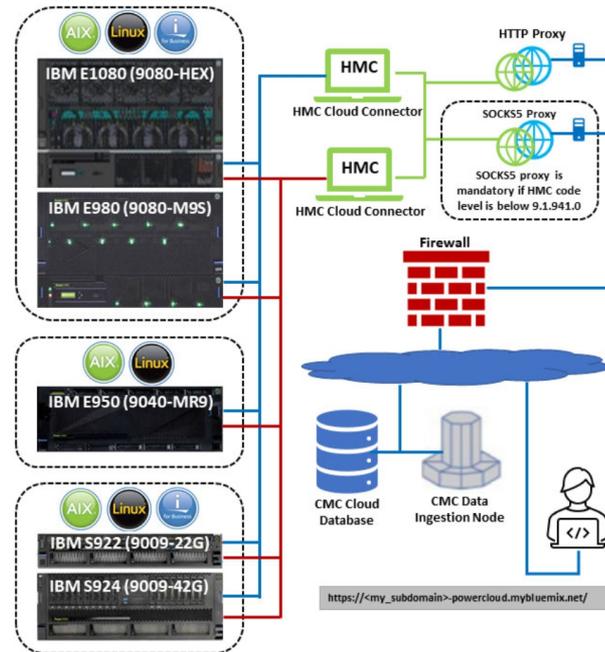
Firewall configuration The Cloud Connector requires the following FQDNs or IP addresses, and ports to be opened in your firewall:

FULLY QUALIFIED DOMAIN NAME	IP ADDRESS	PORT	PROTOCOL	IN/OUTBOUND
-	161.156.12.99	5044	SOCKS5/HTTPS	Outbound
a09cc143-aa1a-499f-ae2a-4110011a1161-bluemix.cloudant.com	161.156.106.51	443	HTTPS	Outbound
cmcf.powercm.com	-	443	HTTPS	Outbound

Cloud Connector Startup Command

Note: If you are using a proxy for cloud connector, please do not use this command as-is. See the man/help for proxy options you will need.

```
chsvc -s cloudconn -o start -k
a1j3v6lEXtVU2UJ3BQmuaLZLNjhhYUps53Ruc8B8ZLVEZ1RIMjV5bnh1eE1LcGVsb85FX1RHZFST196NwpfdxpXVhN1WnA1a314YmJlbk1FVDEwEcfCWkZ2ajctd3LVlRxoVf9jcfBFfWVRQnfp5nLhRzV1a0hZLUVfb1V0InFmbDZUY2NSMHlYXhYX3JlY
jYUukRfmlNa3pQW2MEs4Z1PZTUM3U1L2ePzGdZxh5V1pHZhXv8c5Z3gzc2NwMpyVx1T3JnRlWnaV9TQXU1UFV3bLZayYNG5bX50LdxZm852R5WGFKU3ZQWtHjRaa3V5enHlV8p30GNBc8ZCFBhd03c3ZTTQnWY1B3Wcwc804WLVDTVZXM
```



Configuration HMC

Power HMC

VHMC1.showbc.ibm.com

HMC Management

Upgrade HMC new

Update HMC

Cloud connector

Refresh

Start cloud connector

State: Inactive

Authentication Type: -

HTTP proxy: -

SOCKS proxy: -

Start cloud connector

Start the cloud connector on the HMC with the specified key obtained from the Cloud Management Console Portal settings page. Provide Proxy information, if you want Cloud Connector to connect to cloud end points through proxy. Select AddCertificate option to automatically add the required non-trusted certificate, that might come in communication path of Cloud Connector due to a proxy or a company's network firewall settings, to the HMC's truststore.

Key

Add Certificates

Proxy Information (optional)

HTTP proxy

Hostname or IP address

Port(optional)

Hostname or IP address cannot be empty

User ID(optional)

Password(optional)

Authentication Type(optional)

Select an Option

SOCKS proxy

Hostname or IP address

Port(optional)

Hostname or IP address cannot be empty

User ID(optional)

Password(optional)

Cloud Connector Startup Command

Note: If you are using a proxy for cloud connector, please do not use this command as-is. See the man/help for proxy options you will need.

```
chsvc -s cloudconn -o start -k  
aj3Ve1eXtVUzU1J3QmtuaLZUNjhhYUps53Ruc080Z1VEZ1RIWjV5bnh1eE11cGVsb05FX1RMZWFST190NnpfdXpxVHNlWnA1a3l4YnJjbk1FVDEwEwEFCWk2ajctd3VLRWxoVf9jcfBFwVRGnpF5nlHRzV1a0hZLUVfb1V0UnFmbDZUyZnNSHh1YXMyX3ZlY  
jY2URkfeen3Na3pqwTQMEs4Z1pZTUM3U11ZeEpzeGdZx8h5V1pN2kxh8c5Z3gzc2NoWpPyWx.1T3jnr1WnaV9T0X1UFV3D1ZaYk658x5Q1dZzmhQ52R5WGFkU3ZkQwHUjRaa3V5emh1V0p30QNbC8ZCcFbhc83c3ZT1GhwV1B3WVcw084hLVDTVZDMW
```

Création des utilisateurs

The screenshot shows the 'Manage Users' page in a cloud management console. The navigation bar includes 'Settings', 'Manage Users', 'Manage Resource Roles', 'Apps', 'Cloud Connector', 'API', and 'Public Cloud'. Below the navigation bar, there is a user list header for 'Sylvain Desnoes' with email 'sylvain.desnoes@fr.ibm.com' and icons for 'SM', 'In', 'Lo', and 'PP'. Below the header, it says 'Showing 13 user(s)'. On the right side, there is an 'Add User +' button circled in green, with a green arrow pointing to it from the right.

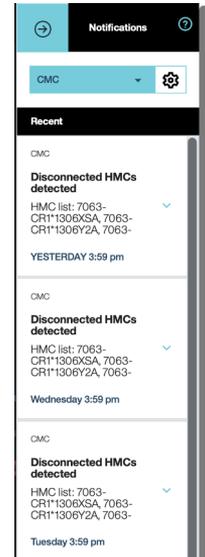
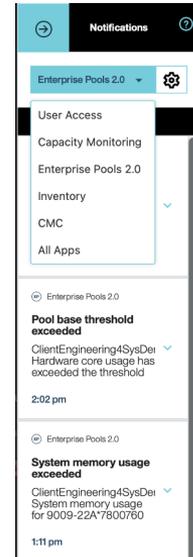
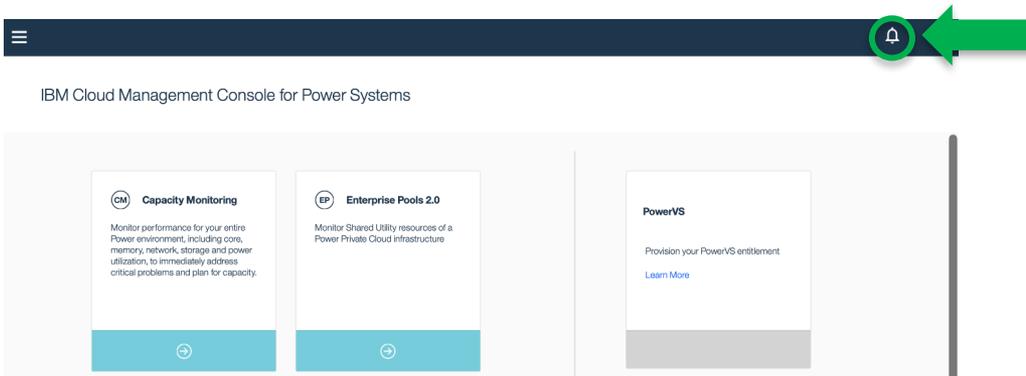
The 'Add New User' form is shown in a modal window. It has a title 'Add New User' and a close button 'x'. The form contains three input fields: 'IBM ID: *' (with a red border and a red error message 'Enter a value for this field.'), 'Email Address: *', and 'Resource Roles: *' (with a dropdown arrow). A scrollbar is visible on the right side of the form.

The 'Add New User' form is shown in a modal window, displaying a list of roles. The title is 'Add New User' and there is a close button 'x'. A note is circled in green: '**Note: To access EP 2.0 in read-only mode, assign the 'All Resources' role to non-admin users.' Below the note are several toggle switches: 'Admin', 'Capacity Monitoring', 'Enterprise Pools 2.0' (with a help icon), 'Inventory', 'Logging', and 'Patch Planning'. A scrollbar is visible on the right side of the form.



Notifications

- Configuration par utilisateur de la CMC



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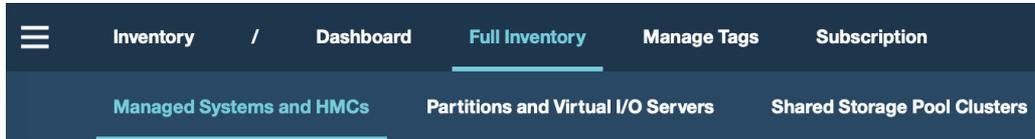
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Inventory

Inventory



Dashboard

Inventory / **Dashboard** Full Inventory Manage Tags Subscription

Managed Systems 7

OPERATING 4			
Initializing	-	Power off	-
Power of in progress	-	Service processor fallover	-
Stand by	1		

ERROR -			
Error - dump in progress	-	Error - terminated	-
Failed authentication	-	Incomplete	-
No connection	2	On demand recovery	-
Pending authentication - password updates required	-	Recovery	-
Version mismatch	-		

Partitions 72

RUNNING 49			
Active	-	Hardware discovery	-
Migrating not active	-	Migrating running	-
Not activated	21	Open firmware	2
Resuming	-	Shut off	-
Shutting down	-	Starting	-
Suspended	-	Suspending	-

Virtual IO Servers 10

RUNNING 8			
Hardware discovery	-	Migrating running	-
Not activated	2	Open firmware	-
Shutting down	-	Starting	-



Full inventory – Managed Systems and HMCs

The screenshot displays the IBM Inventory management interface. The top navigation bar includes 'Inventory', 'Dashboard', 'Full Inventory', 'Manage Tags', and 'Subscription'. Below this, there are tabs for 'Managed Systems and HMCs', 'Partitions and Virtual I/O Servers', and 'Shared Storage Pool Clusters'. The main content area shows a list of systems with columns for Name, Type, Machine Type, Available Memory (GB), Available CPU, and HMC. A dropdown menu is open over the 'Machine Type' column, showing options for Machine Type, Serial, Model, and IP Address. The table lists 8 results, including various PowerVM Systems and HMCs.

Name	Type	Machine Type	Available Memory (GB)	Available CPU	HMC
vhmcx86-1showbc.ibm.com	vHMC (x86_64)		15.64	4	vhmcx86-1showbc.ibm.com
S824A	PowerVM System		0 of 0	0 of 0	vhmcx86-1showbc.ibm.com
S824C	PowerVM System		23 of 128	9.85 of 12	vhmcx86-1showbc.ibm.com
CPMUZH-VH-IDM02	PowerVM System	9080	1,498.5 of 1,616	7 of 8	vhmcx86-1showbc.ibm.com
S914B	PowerVM System	9009	103.25 of 512	1 of 6	vhmcx86-1showbc.ibm.com
S824B	PowerVM System	8286	167.5 of 256	3.9 of 6	vhmcx86-1showbc.ibm.com
S914A	PowerVM System	9009	154.5 of 512	1.2 of 8	vhmcx86-1showbc.ibm.com
S22L-SN211666A	PowerVM System	8247	0 of 0	0 of 0	vhmcx86-1showbc.ibm.com

Full inventory – Managed Systems and HMCs

The screenshot displays the IBM Cloud Inventory dashboard for 'Managed Systems and HMCs'. The top navigation bar includes 'Inventory', 'Dashboard', 'Full Inventory', 'Manage Tags', and 'Subscription'. The main content area shows a list of 8 results, with a search bar and 'Add a Tag' dropdown menu. The table columns are: Name, Type, Available Memory (GB), Available CPU, and HMC. The table lists various PowerVM systems and HMCs, including models like S824A, S824C, S824B, S914A, and S22L-SN211666A.

Name	Type	Available Memory (GB)	Available CPU	HMC	
vhmcx86-1showbc.ibm.com	vHMC (x86_64)	15.64	4	vhmcx86-1showbc.ibm.com	
S824A	PowerVM System	8286	0 of 0	vhmcx86-1showbc.ibm.com	
S824C	PowerVM System	8286	23 of 128	9.85 of 12	vhmcx86-1showbc.ibm.com
CPMUZH-VH-IDM02	PowerVM System	9080	1,498.5 of 1,616	7 of 8	vhmcx86-1showbc.ibm.com
S914B	PowerVM System	9009	103.25 of 512	1 of 8	vhmcx86-1showbc.ibm.com
S824B	PowerVM System	8286	167.5 of 256	3.9 of 6	vhmcx86-1showbc.ibm.com
S914A	PowerVM System	9009	154.5 of 512	1.2 of 8	vhmcx86-1showbc.ibm.com
S22L-SN211666A	PowerVM System	8247	0 of 0	0 of 0	vhmcx86-1showbc.ibm.com

Full inventory – Partitions and VIO Servers

Inventory / Dashboard **Full Inventory** Manage Tags Subscription

Managed Systems and HMCs **Partitions and Virtual I/O Servers** Shared Storage Pool Clusters

Filter by X

State

- Not activated 23
- Open firmware 2
- Running 57

Type

- AIX 11
- AIX/Linux 22
- IBM i 21
- Linux 18
- Virtual IO Server 10

OS Version

- AIX 7.2 7200-05-08 4
- AIX 7.2 7200-05-09 2
- AIX 7.3 7300-00-01 3
- AIX 7.3 7300-00-02 2
- AIX 7.3 7300-01-01 1
- AIX 7.3 7300-02-02 2
- AIX 7.3 7300-03-00 2
- IBM i Licensed Int 1
- IBM i Licensed Int 1
- IBM i Licensed Int 4

+ 13 more

Showing 82 result(s) for:

Search Add a Tag Export CSV

Search or create new tag 0 / 30

SDAIX Manage Tags

<input type="checkbox"/>	Name	Location	OS Version	Serial	HMC	RMC
<input type="checkbox"/>	THIAAPIBM01	On-Prem	IBM i Licensed Internal Code 7.5.0 410 5	-	vhmcx86-1showbc.ibm.com	None
<input type="checkbox"/>	thapah	On-Prem	AIX/Linux	Unknown	vhmcx86-1showbc.ibm.com	Inactive
<input type="checkbox"/>	cms3-2104b32c-00000438	On-Prem	AIX	Unknown	vhmcx86-1showbc.ibm.com	Inactive
<input checked="" type="checkbox"/>	tbocp2-worker-1	On-Prem	Linux	Unknown	vhmcx86-1showbc.ibm.com	Inactive
<input type="checkbox"/>	ex-vmrebond	On-Prem	Linux	Linux/Red Hat Enterprise Linux 4.18.0-55.3.4.el8_10.pp8.10 (Octpa) 8.10 (Octpa)	vhmcx86-1showbc.ibm.com	Inactive
<input type="checkbox"/>	EXLIBMIV74	On-Prem	IBM i	IBM i Licensed Internal Code 7.4.0 48 11	vhmcx86-1showbc.ibm.com	None
<input checked="" type="checkbox"/>	tbocp2-master-1	On-Prem	Linux	Unknown	vhmcx86-1showbc.ibm.com	Inactive
<input type="checkbox"/>	lpar2rtd	On-Prem	AIX/Linux	Unknown	vhmcx86-1showbc.ibm.com	Inactive
<input type="checkbox"/>	ex-vmocp	On-Prem	Linux	Linux/Red Hat Enterprise Linux 4.18.0-47.7.0.el8_8.ppc8.8 (Octpa) 8.8 (Octpa)	vhmcx86-1showbc.ibm.com	Inactive

Full inventory – Shared Storage Pool

Inventory / Dashboard **Full Inventory** Manage Tags Subscription

Managed Systems and HMCs Partitions and Virtual I/O Servers **Shared Storage Pool Clusters**

Search Export CSV

Showing 1 result(s)

Name	Tiers	Nodes
SSPCLS	1	4

Advanced Information

SSPCLS

Tiers Repository Disk Nodes

Go Back

SYSTEM

Available (GB)	48.83
Total Capacity (GB)	49.88
Full Capacity of Pool (GB)	49.88
Mirroring	false
Freespace % Threshold	35%
Overcommit % Threshold	0%

Showing 1 Failure Group(s)

Failure Group	Status	Physical Volumes	Total Size
Default	Online	1	49.94

Tags

Inventory / Dashboard Full Inventory **Manage Tags** Subscription

Search 🔍

Showing 5 result(s) for:

Tag Name	Actions
Control Plane Node 0 Items(0 Hmcs, 0 Systems, 0 Partitions, 0 VIOSes)	Delete Rename
PowerHA Standard 0 Items(0 Hmcs, 0 Systems, 0 Partitions, 0 VIOSes)	Delete Rename
PowerHA Enterprise 0 Items(0 Hmcs, 0 Systems, 0 Partitions, 0 VIOSes)	Delete Rename
PowerHA IBM i 0 Items(0 Hmcs, 0 Systems, 0 Partitions, 0 VIOSes)	Delete Rename
SDAX 8 Items(0 Hmcs, 0 Systems, 8 Partitions, 0 VIOSes)	Delete Rename

Subscription

The screenshot displays a web application interface for managing subscriptions. It features a dark navigation bar at the top with a menu icon, navigation links (Inventory, Dashboard, Full Inventory, Manage Tags, Subscription), and utility icons (gear, bell, question mark). The main content area is divided into three sections:

- Subscription Summary:** Includes a search bar, a 'Refresh' button, and an 'Export CSV' button. Below the search bar, it indicates 'Showing 22 result(s) for:' and lists ISO codes: FR, DE, and CL.
- Subscription Details:** Includes a search bar and indicates 'Showing 121 result(s) for:'. It lists ISO codes and their counts: ES (3), ES (3), ES (2), ES (2), and FR (2).
- Socket Details in Inventory:** Includes a search bar and indicates 'Showing 22 result(s) for:'. It displays a table with columns for MTMS, ISO, and Sockets.

MTMS	ISO	Sockets
9040-MR9*	FR	4

Notifications



Settings

Notifications

Inventory notifications

System



Any

Search or create new tag



CPMUZHVHDM02

S22L-SN21666A

S824A

S824B

S824C

S914A

S914B

S914C

S914D

S914E

S914F

S914G

S914H

S914I

S914J

S914K

S914L

S914M

S914N

S914O

S914P

S914Q

S914R

S914S

S914T

S914U

S914V

S914W

S914X

S914Y

S914Z

S914AA

S914AB

S914AC

S914AD

S914AE

S914AF

S914AG

S914AH

S914AI

S914AJ

S914AK

S914AL

S914AM

S914AN

S914AO

S914AP

S914AQ

S914AR

S914AS

S914AT

S914AU

S914AV

S914AW

S914AX

S914AY

S914AZ

S914BA

S914BB

S914BC

S914BD

S914BE

S914BF

S914BG

S914BH

S914BI

S914BJ

S914BK

S914BL

S914BM

S914BN

S914BO

S914BP

S914BQ

S914BR

S914BS

S914BT

S914BU

S914BV

S914BW

S914BX

S914BY

S914BZ

S914CA

S914CB

S914CC

S914CD

S914CE

S914CF

S914CG

S914CH

S914CI

S914CJ

S914CK

S914CL

S914CM

S914CN

S914CO

S914CP

S914CQ

S914CR

S914CS

S914CT

S914CU

S914CV

S914CW

S914CX

S914CY

S914CZ

S914DA

S914DB

S914DC

S914DD

S914DE

S914DF

S914DG

S914DH

S914DI

S914DJ

S914DK

S914DL

S914DM

S914DN

S914DO

S914DP

S914DQ

S914DR

S914DS

S914DT

S914DU

S914DV

S914DW

S914DX

S914DY

S914DZ

S914EA

S914EB

S914EC

S914ED

S914EE

S914EF

S914EG

S914EH

S914EI

S914EJ

S914EK

S914EL

S914EM

S914EN

S914EO

S914EP

S914EQ

S914ER

S914ES

S914ET

S914EU

S914EV

S914EW

S914EX

S914EY

S914EZ

S914FA

S914FB

S914FC

S914FD

S914FE

S914FF

S914FG

S914FH

S914FI

S914FJ

S914FK

S914FL

S914FM

S914FN

S914FO

S914FP

S914FQ

S914FR

S914FS

S914FT

S914FU

S914FV

S914FW

S914FX

S914FY

S914FZ

S914GA

S914GB

S914GC

S914GD

S914GE

S914GF

S914GG

S914GH

S914GI

S914GJ

S914GK

S914GL

S914GM

S914GN

S914GO

S914GP

S914GQ

S914GR

S914GS

S914GT

S914GU

S914GV

S914GW

S914GX

S914GY

S914GZ

S914HA

S914HB

S914HC

S914HD

S914HE

S914HF

S914HG

S914HH

S914HI

S914HJ

S914HK

S914HL

S914HM

S914HN

S914HO

S914HP

S914HQ

S914HR

S914HS

S914HT

S914HU

S914HV

S914HW

S914HX

S914HY

S914HZ

S914IA

S914IB

S914IC

S914ID

S914IE

S914IF

S914IG

S914IH

S914II

S914IJ

S914IK

S914IL

S914IM

S914IN

S914IO

S914IP

S914IQ

S914IR

S914IS

S914IT

S914IU

S914IV

S914IW

S914IX

S914IY

S914IZ

S914JA

Power Week

18 -19 - 20 novembre
2025

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Capacity Monitoring

Capacity Monitoring



Systems

Filter by ✕

SYSTEM MTM

- 0 - 0 1
- 8247 - 21L 1
- 8247 - 22L 2
- 8247 - 42L 2
- 8284 - 22A 1
- 8286 - 42A 5
- 8375 - 42A 3
- 8408 - E8E 2
- 9009 - 22A 4
- 9009 - 42A 6

+ 9 more

CORE USAGE

Absolute Value ▼

0.00 24.00

MEMORY ALLOCATION

Absolute Value ▼

0.00 TB 2.13 TB

Resource Summary for 49 systems:

<p>Cores</p> <table border="0" style="width: 100%;"> <tr> <td>Total Available Cores</td> <td>1,203.05</td> <td>Total Inactive Cores</td> <td>24.00</td> </tr> <tr> <td>Total Allocated Cores</td> <td>575.95</td> <td>Total Installed Cores</td> <td>1,803.00</td> </tr> <tr> <td></td> <td></td> <td>Total Activated Cores</td> <td>1,779.00</td> </tr> </table>	Total Available Cores	1,203.05	Total Inactive Cores	24.00	Total Allocated Cores	575.95	Total Installed Cores	1,803.00			Total Activated Cores	1,779.00	<p>Memory</p> <table border="0" style="width: 100%;"> <tr> <td>Total Available Memory</td> <td>98.53 TB</td> <td>Total Inactive Memory</td> <td>1.65 TB</td> </tr> <tr> <td>Total Allocated Memory</td> <td>9.25 TB</td> <td>Total Installed Memory</td> <td>109.44 TB</td> </tr> <tr> <td></td> <td></td> <td>Total Activated Memory</td> <td>107.79 TB</td> </tr> </table>	Total Available Memory	98.53 TB	Total Inactive Memory	1.65 TB	Total Allocated Memory	9.25 TB	Total Installed Memory	109.44 TB			Total Activated Memory	107.79 TB
Total Available Cores	1,203.05	Total Inactive Cores	24.00																						
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Total Available Memory	98.53 TB	Total Inactive Memory	1.65 TB																						
Total Allocated Memory	9.25 TB	Total Installed Memory	109.44 TB																						
		Total Activated Memory	107.79 TB																						



Showing 1 - 25 of 49  

Showing 49 result(s):

State	System Name	Number Of Partitions	Core Usage (%)	Available Cores	Allocated Memory (%)	Available Memory	HMC
<input checked="" type="checkbox"/> Operating	B28 MTM * Serial	30	23.07 (57.68%)	4.90	221.75 GB (86.62%)	34.25 GB	7063-CR1*130W28A
<input type="checkbox"/> Operating	9009-22A*7800780	6	2.12 (10.61%)	15.00	244.75 GB (23.90%)	779.25 GB	Vb67-f32*5501608, Vee7-fac*739445e
<input type="checkbox"/> Operating	9080-M9S*10637A7	16	1.34 (1.53%)	77.00	312.50 GB (3.81%)	7.69 TB	7063-CR2*7881C1D, Vee7-fac*739445e
<input type="checkbox"/> Operating	9009-42A*78009A0	6	1.12 (6.97%)	11.50	255.25 GB (12.46%)	1.75 TB	Vb67-f32*5501608, Vee7-fac*739445e 
<input type="checkbox"/> Operating	8286-42A*84C57CV	2	1.03 (4.29%)	22.50	20.00 GB (3.91%)	492.00 GB	7063-CR1*130W28A
<input type="checkbox"/> Operating	9080-M9S*13073A8	51	0.92 (1.92%)	0.40	125.00 GB (24.41%)	387.00 GB	V3b7-f4d*184420c

Systems

Capacity Monitoring / Performance
Updated 1 minute ago

Systems
Partitions Shared Processor Pools Shared Storage Pool Clusters

Showing Performance History for **Nov 07, 2025 (01:39:24 AM - 09:39:24 AM)**

Core Usage

Current Core Usage (%)	23.07 (57.68%)	Min Core Usage (%)	20.90 (52.25%)
Avg Core Usage (%)	21.75 (54.37%)	Max Core Usage (%)	23.11 (57.78%)

1 Peak

Start Time (Duration)	Avg Core Peak Usage (%)	Min / Max Core Peak Usage (%)
November 7, 2025, 01:40 AM (7 hr(s)50 min(s))	21.75 cores (54.37%)	20.90 cores (52.25%) / 23.11 cores (57.78%)

Partition Core Usage

25 per page
Showing 1 - 25 of 30

Showing 30 result(s) for:

Partition Name	O/S Type	Current Core Usage (%)	Avg Core Usage (%)	Entitled Cores	Virtual Processors	Number Of Peaks	CPU Mode	Shared Processor Pool
6-9080-HEX*1355B28	AIX	8.00 (100.00%)	8.00 (100.00%)	8.00	-	0	Dedicated	-
10-9080-HEX*1355B28	AIX	6.00 (100.00%)	6.00 (100.00%)	6.00	-	0	Dedicated	-
1-9080-HEX*1355B28	VIOS	3.00 (100.00%)	3.00 (100.00%)	3.00	-	0	Dedicated	-

Partitions

Capacity Monitoring / Performance
Updated less than a minute ago

Systems
Partitions
Shared Processor Pools
Shared Storage Pool Clusters

Filter by ✕

PARTITION TYPE

- AIX 56
- AIX/Linux 93
- IBM i 19
- Linux 35
- VIOS 84

CORE USAGE

Absolute Value

0.00 8.00

MEMORY ALLOCATION

0.00 GB 96.00 GB

Resource Summary for 287 partitions:

Cores

Total Dedicated Cores 126.00

Total Entitled Cores 230.20

Total Virtual Processors 292.00

Memory

Total Allocated Memory 1.29 TB

🔍
Add a Tag ▾
Export CSV
Compare(0/5)
Showing 1 - 25 of 287

Showing 287 result(s):

	State	Partition Name	O/S Type	Core Usage (%)	Entitled Cores	Virtual Processors	CPU Mode	Shared Processor Pool	Allocated Memory	System
<input type="checkbox"/>	Running	6-9080-HEX*1355B28	AIX	8.00 (100.00%)	8.00	-	Dedicated	-	20.00 GB	9080-HEX*1355B28
<input type="checkbox"/>	Running	10-9080-HEX*1355B28	AIX	6.00 (100.00%)	6.00	-	Dedicated	-	6.00 GB	9080-HEX*1355B28
<input type="checkbox"/>	Running	1-9080-HEX*1355B28	VIOS	3.00 (100.00%)	3.00	-	Dedicated	-	10.00 GB	9080-HEX*1355B28
<input type="checkbox"/>	Running	9-9080-HEX*1355B28	Linux	2.00 (100.00%)	2.00	-	Dedicated	-	3.00 GB	9080-HEX*1355B28
<input type="checkbox"/>	Running	41-9009-22A*7800760	AIX	1.30 (25.97%)	1.00	5.00	Uncapped	0-9009-22A*7800760	32.00 GB	9009-22A*7800760
<input type="checkbox"/>	Running	6-9009-42A*78009A0	Linux	1.01 (14.42%)	1.00	7.00	Uncapped	0-9009-42A*78009A0	32.00 GB	9009-42A*78009A0

Partitions

Capacity Monitoring / Performance Updated less than a minute ago

Systems **Partitions** Shared Processor Pools Shared Storage Pool Clusters

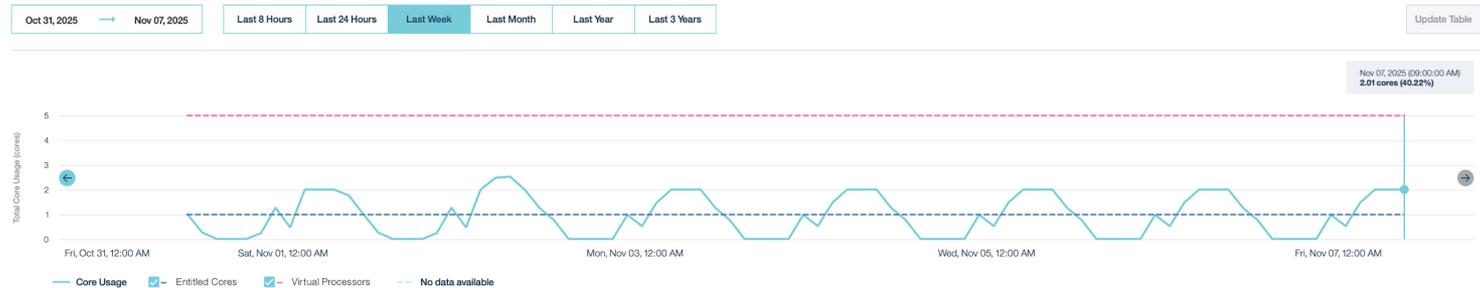
41-9009-22A*7800760

PowerHA Enterprise

Core Usage Export CSV Export Granular Data

Current Core Usage		Partition Description			
Usage	1.01 (20.20%)	Shared Processor Pool	0-9009-22A*7800760	O/S Type & Version	AIX 7.2.7200-05-10-2520
Entitled	1.00	CPU Mode	Uncapped	HMC (2)	Vb67-432*5501608, Vio7-fac*739445e
Virtual Processors	5.00			State	Running
				System	9009-22A*7800760
				Partition ID	41

Date Range



Showing Performance History for Oct 31, 2025 (10:31 AM) - Nov 07, 2025 (10:31 AM)

Core Usage	Current Core Usage (%)	1.01 (20.20%)	Entitled Cores	1.00
	Avg Core Usage (%)	0.94 (18.86%)	Virtual Processors	5.00
	Min Core Usage (%)	0.01 (0.24%)	Shared Processor Pool	0-9009-22A*7800760
	Max Core Usage (%)	2.54 (50.72%)	CPU Mode	Uncapped

Shared Processor Pools

Capacity Monitoring / Performance Updated less than a minute ago

Systems Partitions Shared Processor Pools Shared Storage Pool Clusters

Search Showing 1 - 25 of 64

Showing 64 result(s) for:

Shared Processor Pool Name	System Name	Utilized Processing Units	Available Processing Units	Maximum Processing Units	Reserved Processing Units	Number Of Partitions
0-9009-42A*78009A0	9009-42A*78009A0	2.10 (13.10%)	13.90	-	-	6
0-9009-22A*7800760	9009-22A*7800760	2.09 (10.47%)	17.91	-	-	6
0-9080-M9S*10637A7	9080-M9S*10637A7	1.28 (1.46%)	86.72	-	-	16
0-8286-42A*21472EV	8286-42A*21472EV	0.60 (2.49%)	23.40	-	-	4
0-9080-HEX*1355828	9080-HEX*1355828	0.33 (1.95%)	16.67	-	-	19
0-9080-M9S*21C6507	9080-M9S*21C6507	0.12 (0.07%)	175.88	-	-	7
0-9043-MRX*78F92AX	9043-MRX*78F92AX	0.11 (0.16%)	71.89	-	-	4
0-9009-42A*7800770	9009-42A*7800770	0.10 (0.43%)	23.90	-	-	3
0-9105-42A*783E311	9105-42A*783E311	0.06 (0.25%)	23.94	-	-	2
0-8286-42A*84C57CV	8286-42A*84C57CV	0.02 (0.09%)	22.98	-	-	1

Shared Processor Pools

The screenshot displays a performance monitoring interface. At the top, there's a navigation bar with 'Capacity Monitoring' and 'Performance' tabs. The 'Performance' tab is active, and the sub-tab 'Shared Processor Pools' is selected. The main content area shows 'Shared Processor Pool Core Usage' with 'Current Core Usage (%)' at 2.10 (13.09%) and 'Selected Core Usage (%)' at 3.74 (23.40%). Below this, 'Partition Core Usage' is shown with a search bar and a table of 6 results. The table columns are: Partition Name, O/S Type, Current Core Usage (%), Avg Core Usage (%), Entitled Cores, Virtual Processors, Number Of Peaks, and CPU Mode. The data rows are as follows:

Partition Name	O/S Type	Current Core Usage (%)	Avg Core Usage (%)	Entitled Cores	Virtual Processors	Number Of Peaks	CPU Mode
6-9009-42A*78009A0	Linux	2.00 (28.61%)	2.00 (28.62%)	1.00	7.00	0	Uncapped
1-9009-42A*78009A0	VIOS	0.04 (1.94%)	0.04 (1.95%)	0.50	2.00	0	Uncapped
2-9009-42A*78009A0	VIOS	0.04 (1.93%)	0.04 (1.95%)	0.50	2.00	0	Uncapped
3-9009-42A*78009A0	AIX	0.01 (0.20%)	0.01 (0.20%)	1.00	6.00	0	Uncapped
7-9009-42A*78009A0	AIX	0.01 (0.19%)	0.01 (0.19%)	0.50	6.00	0	Uncapped
4-9009-42A*78009A0	Linux	0.01 (0.14%)	0.01 (0.14%)	1.00	6.00	0	Uncapped

Shared Storage Pools

The screenshot shows a web dashboard for 'Shared Storage Pool Clusters'. The top navigation bar includes 'Capacity Monitoring' and 'Performance', with a timestamp 'Updated less than a minute ago' and icons for refresh, settings, notifications, and help. The main navigation menu has 'Systems', 'Partitions', 'Shared Processor Pools', and 'Shared Storage Pool Clusters'. The page title is 'orbit' with an 'Export CSV' button. The 'Shared Storage Pool Description' section lists: Name: orbit, Tiers: 1, Nodes: 10. The 'Repository Disk' section lists: Storage Label: orbit-Rep0B, Size: 1024 GB, UUID: 01M0C1T1xNDUxMjQ2MDA1MDc2ODAyODM4NDY1OTgwMDAwMDAwMDAwMDEBNG==, and Description: MPIO IBM 2076 FC Disk. Below this, there are two tables: '1 Tiers' and '10 Nodes'. The '1 Tiers' table has columns for Tier Name, Available Storage, Total Capacity, Mirroring, Free Space Threshold (%), and Over Commit Threshold (%). The '10 Nodes' table has columns for Node Name, Node State, and Managed System.

orbit Export CSV

Shared Storage Pool Description

Name orbit
Tiers 1
Nodes 10

Repository Disk

Storage Label orbit-Rep0B
Size 1024 GB
UUID 01M0C1T1xNDUxMjQ2MDA1MDc2ODAyODM4NDY1OTgwMDAwMDAwMDAwMDEBNG==
Description MPIO IBM 2076 FC Disk

1 Tiers

Tier Name	Available Storage	Total Capacity	Mirroring	Free Space Threshold (%)	Over Commit Threshold (%)
SYSTEM		6142 GB	No		

10 Nodes

Node Name	Node State	Managed System
rubyvios2	Up	
emeraldvios2	Up	
redvios1	Up	
emeraldvios1	Up	

Notifications



Capacity Monitoring Settings

Data Refresh

- Refresh data manually, do not auto-refresh
- Auto-refresh data every 5 minutes

Partition Core Usage %

Select the value on which partition core usage percentages are based. This information is displayed in partition tables on the Inventory and Performance panels and is used in the partition thresholds.

- Entitled Cores
- Virtual Processors

Thresholds

Thresholds cause alerts to appear when capacity reaches a specified limit. To have threshold alerts emailed or texted, setup your preferences in [Alert Preferences](#).

System Thresholds

Core usage reaches a % of installed cores for a number of consecutive minutes.

System	Installed Cores	Minutes
<input checked="" type="checkbox"/> Any	70 %	5

Memory allocation reaches a % of activated memory.

System	Activated Memory
<input type="checkbox"/> Any	70 %

Partition Thresholds

Core usage reaches a % of entitled cores for a number of consecutive minutes.

Partition / VIOS	Entitled Cores	Minutes
<input type="checkbox"/> Any	70 %	5

Shared Processor Pool Thresholds

Core usage reaches a % of its maximum capacity for a number of consecutive minutes.

Shared Processor Pool	Maximum Capacity	Minutes
<input type="checkbox"/> Any	70 %	5

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IBM
common
FRANCE

IBM

Enterprise Pool 2.0

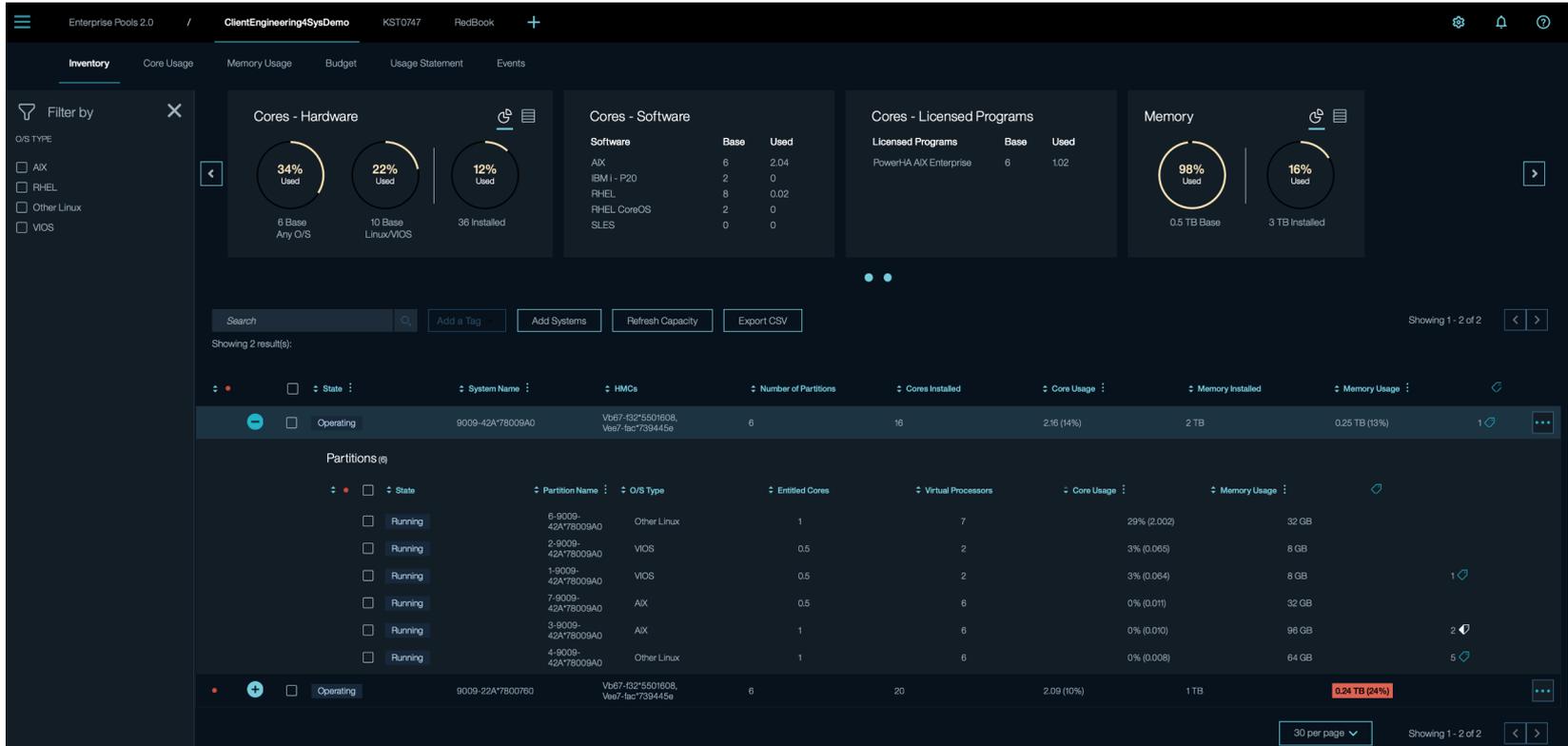
Enterprise Pool 2.0

The image displays six sequential screenshots of the Enterprise Pools 2.0 user interface. Each screenshot shows a navigation menu with the following items: Inventory, Core Usage, Memory Usage, Budget, Usage Statement, and Events. The breadcrumb path at the top of each screenshot is: Enterprise Pools 2.0 / ClientEngineering4SysDemo / KST0747 / RedBook. A plus sign (+) is visible in the top right corner of each screenshot. The highlighted menu item changes from left to right across the screenshots: Inventory, Core Usage, Memory Usage, Budget, Usage Statement, and Events.

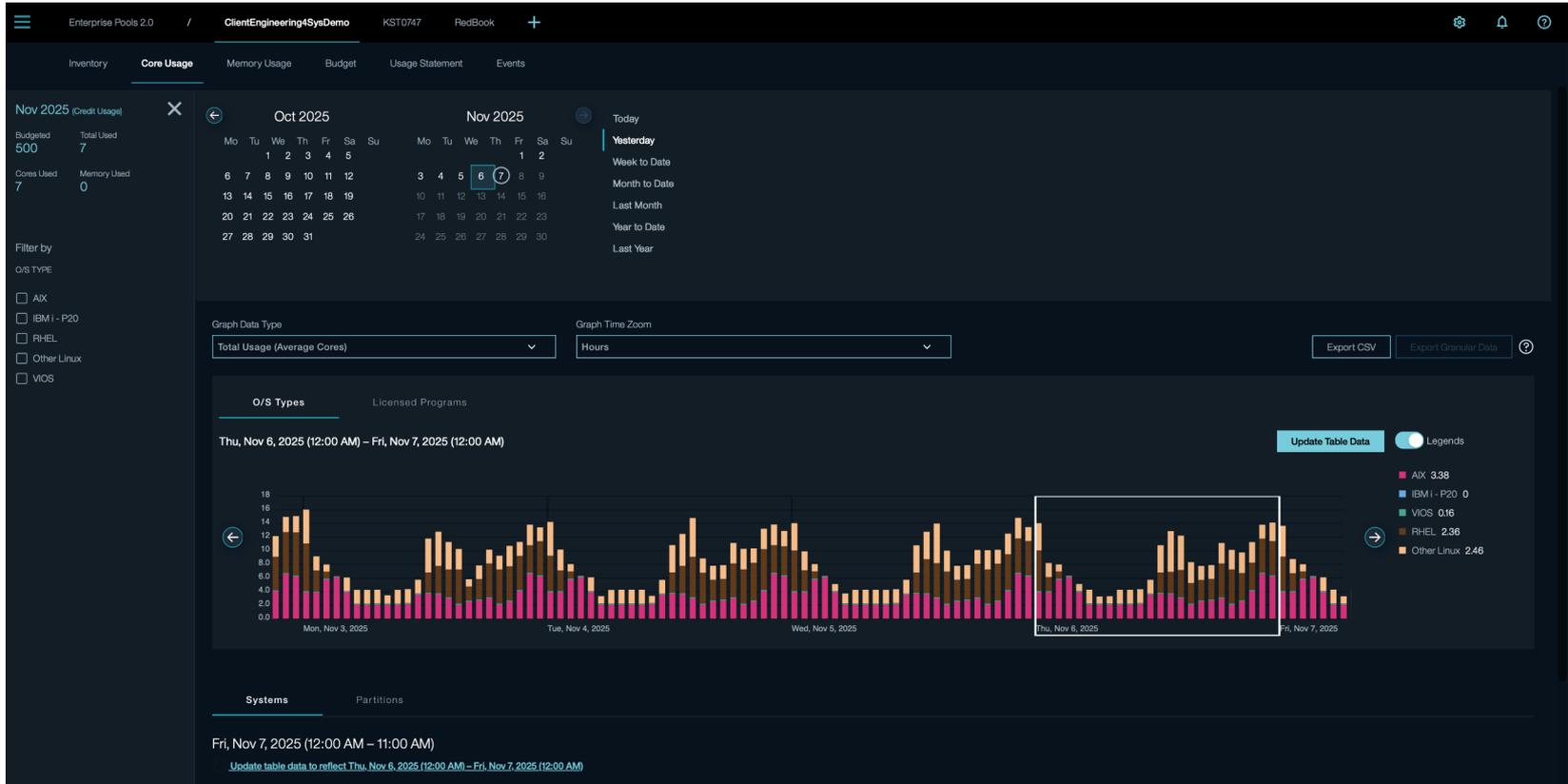
Screenshot	Highlighted Item
1	Inventory
2	Core Usage
3	Memory Usage
4	Budget
5	Usage Statement
6	Events



Inventory

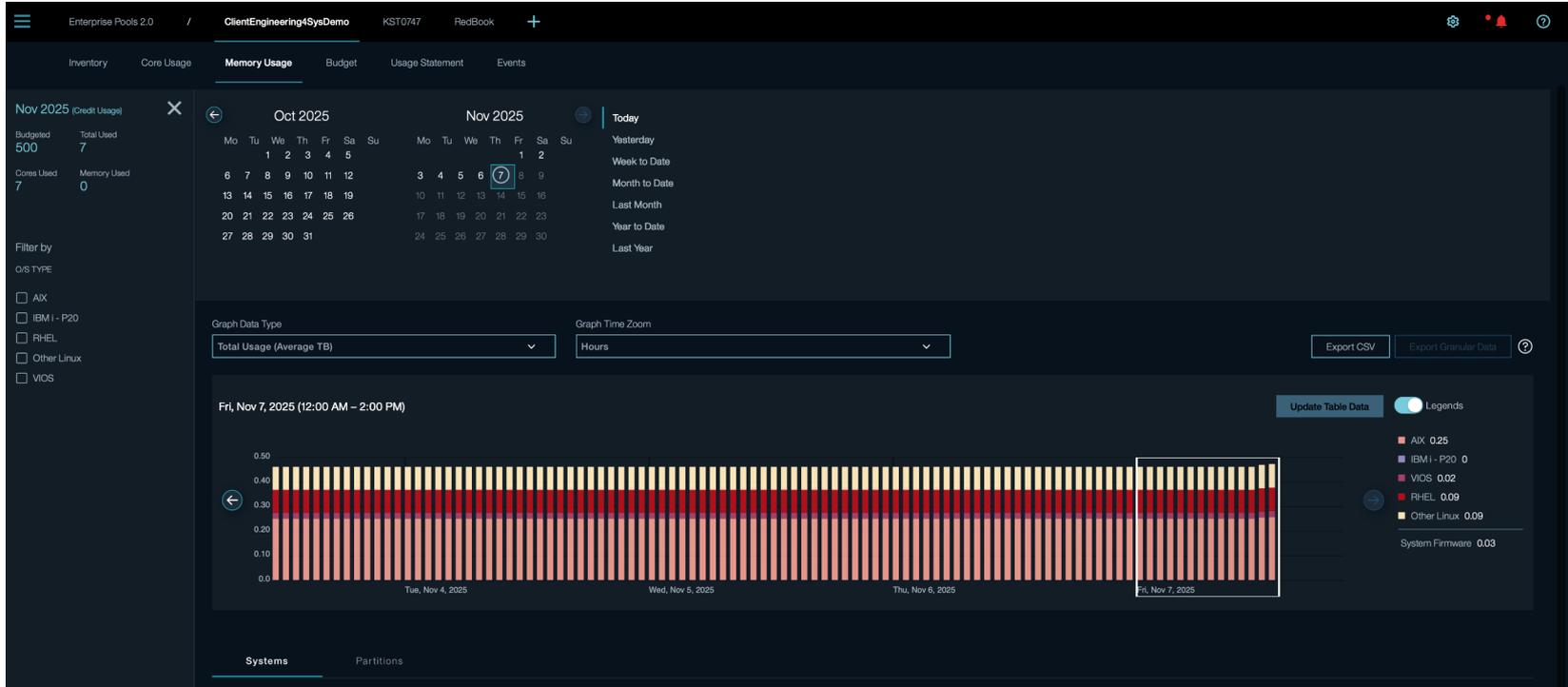


Core Usage



IBM
AIX
RHEL
Other Linux
VIOS
IBM I - P20

Memory Usage



IBM
AIX
RHEL
VIOS
Other Linux
System Firmware

Budget

Enterprise Pools 2.0 / ClientEngineering4SysDemo KST0747 RedBook +

Inventory Core Usage Memory Usage **Budget** Usage Statement Events

Budgeting is enforced for this pool. [Export CSV](#)

Month	Budget Amount (in credits)	Credits Used	Days Remaining
April 2025			
May 2025			
June 2025			
July 2025			
August 2025			
September 2025			
October 2025	Limited	44 Credits Used (114 Budgeted)	
November 2025	Limited	516 Credits Used (2023), 86 Credits Used (2024)	23 days remaining
December 2025	Limited	162 Credits Used (2023), 79 Credits Used (2024)	
January 2026	Limited	138 Credits Used (2024), 33 Credits Used (2025)	
February 2026	Limited	65 Credits Used (2024), 80 Credits Used (2025)	
March 2026	Limited	61 Credits Used (2024), 88 Credits Used (2025)	

Remaining Credit Balance: 1,094.18 credits

Remaining November Budget: 492.61 credits

[Purchase Credits](#)

[Refresh Capacity](#)

Change Default Budget Setting

View Credit Rates

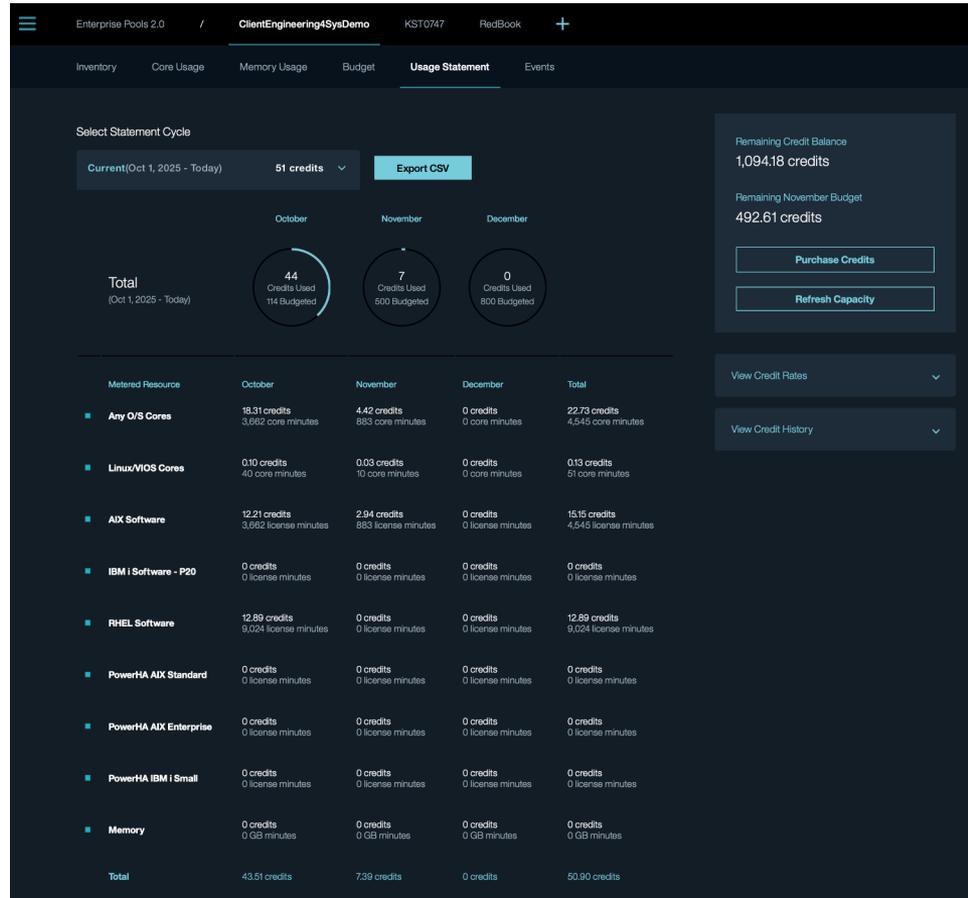
Starting Nov 29, 2023

1 credit equals:

Any O/S core	200 minutes
Linux/VIOS core	400 minutes
AIX software	300 minutes
RHEL Software	700 minutes
SLES Software	700 minutes
GB memory	15,000 minutes

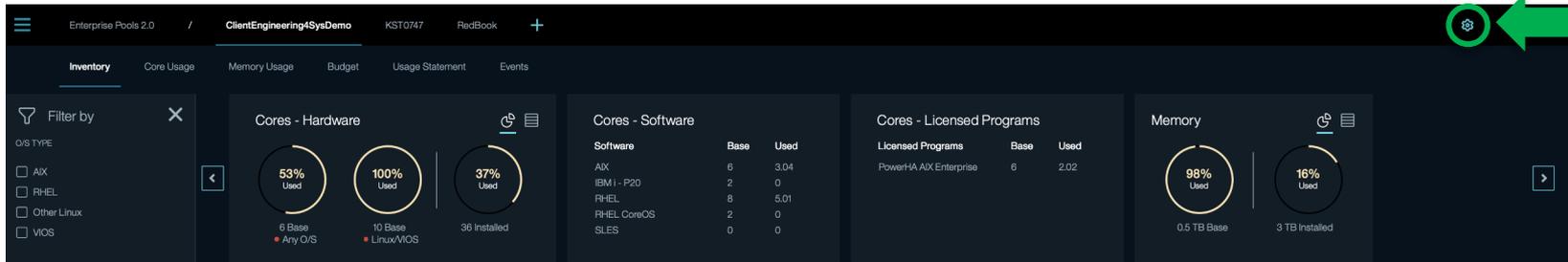
11

Usage Statement



11

Réglages par pool



Settings for ClientEngineeri... ClientEngineer...

Pool Details

Pool ID: KST0747
 Pool Name: RedBook

Pool ID: 0007
 Pool Type: Enterprise
 Dedicated Processor Partitions Allowed: No
 Pool Name: ClientEngineering4SysDemo
 Description (optional): IBM Client Engineering for Systems demo

[Delete Pool](#)

Usage Statement Email

When this option is enabled a credit usage statement for the pool will be sent to the listed emails monthly. The credit usage statement will be sent on the first day of each month and will contain the credit usage for the previous month. You can add or remove email addresses from this list at any time. Multiple email addresses must be comma separated.

thiery.huche@fr.ibm.com, sdsanchose@ca.ibm.com, sjensen@us.ibm.com, tungtjeng@uk.ibm.com

Thresholds

Enabled thresholds cause alerts to appear on the Inventory, Core Usage and Memory Usage pages when capacity reaches the specified threshold. To have threshold alerts emailed or texted, set up your preferences in Notification Settings.

[Restore Threshold Defaults](#)

Pool Thresholds System Thresholds Partition Thresholds **Other Thresholds**

Metered usage reaches a % of the current month's budget.

Budget

- 85 % [Add](#)
- 90 % [Remove](#)

Metered usage reaches a % of the current month's budget before a % of the month is complete.

Budget Month Complete

- 10 % 25 % [Add](#)

Remaining credit balance reaches an amount of credits.

Credits

- 100 [Add](#)
- 50 [Remove](#)

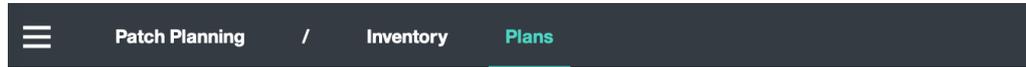
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Patch Planning

Patch Planning



Inventory

Patch Planning / **Inventory** Plans

Filter

Showing results for: Updates Available Upgrade Available Clear All Searches

Showing 1 - 50 of 382

Plan	Name	Type	Current Level	End of Support	Latest Update	Latest Upgrade	Recommended Update	Managed Systems/Managing Partition	Serial
	2-9080-hex*1355b28	VIOS	4.1.1.0		4.1.1.10	Unavailable	4.1.1.10	9080-HEX*1355B28	1355B28
	1-9080-hex*13576a8	VIOS	3.14.21		3.14.60	4.1.1.10	3.14.60	9080-HEX*13576A8	13576A8
	1-9080-hex*1355b28	VIOS	4.1.1.0		4.1.1.10	Unavailable	4.1.1.10	9080-HEX*1355B28	1355B28
	4-8286-42a*84c4edv	VIOS	3.13.21		3.13.40	4.1.1.0	3.13.40	8286-42A*84C4EDV	84C4EDV
	3-9080-m9s*13073a8	VIOS	4.1.0.20		4.1.0.40	4.1.1.10	4.1.0.40	9080-M9S*13073A8	13073A8
	2-9080-m9s*13073a8	VIOS	4.1.0.20		4.1.0.40	4.1.1.10	4.1.0.40	9080-M9S*13073A8	13073A8
	2-9080-m9s*13072b8	VIOS	3.14.40		3.14.60	4.1.1.10	3.14.60	9080-M9S*13072B8	13072B8
	 s922-vios-2	VIOS	3.14.10		3.14.60	4.1.1.10	3.14.60	P9-S922-9009-22A-SN7811460	7811460
	 s922-vios-1	VIOS	3.14.10		3.14.60	4.1.1.10	3.14.60	P9-S922-9009-22A-SN7811460	7811460
	brazos115-vios2	VIOS	3.12.20		3.12.60	4.1.1.0	3.12.60	BRAZOS115A	BR00012
	brazos115-vios3	VIOS	3.12.20		3.12.60	4.1.1.0	3.12.60	BRAZOS115A	BR00012
	1-9009-22a*7800760	VIOS	3.14.50		3.14.60	4.1.1.10	3.14.60	9009-22A*7800760	7800760
	2-9009-22a*7800760	VIOS	3.14.50		3.14.60	4.1.1.10	3.14.60	9009-22A*7800760	7800760

Inventory

Patch Planning / **Inventory** / Plans

12-9080-hex*13576a8 Add to Plan Add a Tag

Host Info

Type: AIX
Description: Power E1080 (-)
IP Address: --
Product ID: 9080-HEX

Managed System Network

Map of all systems on a physical managed system sharing serial #: 13576A8

The diagram shows a central node 'AIX' with a value of 26. It is connected to 'Firmware' (1), 'Adapter' (30), 'IBMi' (0), and 'VIOS' (6). 'Firmware' is also connected to 'HMC' (1). 'IBMi' and 'VIOS' are connected to 'Linux' (0). Lines connect the nodes in a network-like structure.

Current Level
7300-03-00

Recommended Update
7300-03-01

Latest Update
7300-03-01

Latest Release
7300-03-01

Release Date: 2024.12.12
End of Service Pack Support: 2027.12.31
Note: Remember to remove any i-Fix(es) before installing the update.

[Fix Link](#)

[APARs that apply to this Service Pack](#) [APARs fixed with this Service Pack](#)

▼ Hiper APARs

IJ53641	Unexpected performance loss on AIX7.3 TL3 with offload_iodone enabled	Patch Link
IJ53661	Live Kernel Update of a PowerVC managed LPAR may incorrectly remove a disk from the LPAR	Patch Link

▲ Security APARs

▲ FileSets

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Plans

The screenshot displays a 'Plans' dashboard with the following details:

- Search:** Search for plan(s) with a search icon and a 'Create Plan' button.
- Sort:** A dropdown menu for sorting options.
- Showing:** Showing 1 - 6 of 10 plans.
- Plans List:**
 - Common_EU_E1080_FC_Plan:** 3 Systems to patch. Last Modified: 2025.06.04. Maintenance: 2025.06.07.
 - Demo FW Upgrade TEST:** 0 Systems to patch. Last Modified: 2024.08.30. Maintenance: 2024.04.14.
 - DemoPlan09Dec:** 3 Systems to patch. Last Modified: 2025.09.16. Maintenance: 2024.12.23.
 - DemoPlan30Aug:** 2 Systems to patch. Last Modified: 2024.08.30. Maintenance: 2024.09.18.
 - FW Upgrade:** 3 Systems to patch. Last Modified: 2024.09.27. Maintenance: 2021.03.28.
 - Jayesh Update:** 1 System to patch. Last Modified: 2023.12.13. Maintenance: 2023.10.18.

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Logging

Logging



Live Partition Mobility & Remote Restart

Logging / Live Partition Mobility & Remote Restart Partition Lifecycle

Filter by ✕

Edit Filter

Click "Edit Filters" to change filters

Partition Name

Partitions

Time Range

All

Type

- Active LPM 160
- Active LPM Validate 65
- Inactive LPM 85
- Inactive LPM Validate 24

System Name

- 2node-9080-M9S-SNZ 21
- 8286-42A_B4C57CV 1
- 9080-HEX-SN785F4F8 29
- 9080-HEX_1355B28 1
- asha 8
- bella 3
- beta 1
- BMC-9043-MRX_78F92 6
- BMC-9043-MRX_78F92 6

Failed Operations

1712

*99% Remote HMC Operation, 1% Local HMC Operation

Showing 64941 operation(s) aggregated by type: ⓘ

All LPM & RR Operations*

64941

All LPM & RR Partitions

334

Fail Codes / Count

HSCLA2E0	15
HSCLA2B7	26
HSCL363A	4
HSCLC01B	1
HSCL3656	14

Showing 1 - 25 of 334 < >

Type	Name	System Pairs	Fail / Success / All	Last Operation
Active LPM Validate	download-repo	P8-E850-ruby to P9-S924-red + 3 more	0 / 4 / 4	11/25/20, 8:57 PM ⓘ
Active LPM Validate	vm220-a74b3c63-0000002e	P9-S924-red to P9-S922-amber + 4 more	4 / 15 / 19	3/5/21, 12:12 PM ⓘ
Active LPM	vm220-a74b3c63-0000002e	P9-S924-red to P9-S922-amber + 7 more	5 / 88 / 93	3/5/21, 12:14 PM ⓘ
Inactive LPM	This_IS_a_test	P9-S922-amber to P9-S924-red	0 / 1 / 1	1/13/70, 6:31 PM ⓘ
Active LPM	brass4-1a82b37e-00000027	P9-S924-brass to P8-E850-ruby + 2 more	3 / 21027 / 21030	8/29/18, 3:29 PM ⓘ
Active LPM Validate	brass6-c4d6f3c7-00000029	P9-S924-brass to P8-E850-ruby	1 / 0 / 1	5/10/18, 10:33 AM ⓘ
Active LPM Validate	brass10-f35c2b3e-0000002a	P9-S924-brass to P8-E850-ruby	1 / 0 / 1	5/10/18, 10:42 AM ⓘ
Inactive LPM Validate	brass11-d7cd4e32-0000002b	P9-S924-brass to P8-E850-ruby	0 / 2 / 2	5/10/18, 10:50 AM ⓘ
Inactive LPM Validate	brass3-0c3b6c93-00000026	P9-S924-brass to P8-S822-lime	1 / 0 / 1	5/10/18, 10:52 AM ⓘ

Partition Lifecycle

Logging / Live Partition Mobility & Remote Restart Partition Lifecycle

Filter by ✕

Edit Filter

Click "Edit Filters" to change filters

Partition Name

Partitions

Time Range

All

Type

- Activate 2777
- Apply 209
- Create 2497
- Delete 2531
- Shutdown 2672

Fail Code

- HSCL01FC 2
- HSCL025A 9
- HSCL025D 1
- HSCL0281 1
- HSCL0292 2
- HSCL03EA 5
- HSCL03EB 24
- HSCL03EC 11
- HSCL03F5 7

Failed Operations **871**

All Lifecycle Operations* **25999**

All Lifecycle Partitions **10686**

Fail Codes / Count

- HSCLA947 44
- HSCL0DB4 58
- HSCL146D 1
- HSCL339B 3
- HSCL155R 74

Showing 1 - 25 of 10686

Showing 25999 operation(s) aggregated by type: ⓘ

Type	Name	Fail / Success / All	Avg Success Time	Last Operation	
Activate	redvios2	0 / 21 / 21	00:00:01	5/30/23, 1:10 PM	ⓘ
Activate	greenvios2-orbit	0 / 3 / 3	00:00:01	3/6/20, 5:45 PM	ⓘ
Activate	emeraldvios1	0 / 7 / 7	00:00:01	5/30/23, 1:16 PM	ⓘ
Activate	ambervios3	0 / 17 / 17	00:00:02	5/30/23, 1:14 PM	ⓘ
Activate	limevios1	0 / 8 / 8	00:00:01	4/14/22, 1:52 PM	ⓘ
Activate	w3-blue	0 / 8 / 8	00:00:01	5/31/23, 6:05 PM	ⓘ
Create	This_IS_a_test	0 / 1 / 1	00:00:04	1/13/70, 6:30 PM	ⓘ
Shutdown	This_IS_a_test	0 / 1 / 1	00:00:01	1/13/70, 7:07 PM	ⓘ
Activate	greenvios1-orbit	0 / 6 / 6	00:00:01	10/7/20, 1:42 PM	ⓘ
Activate	brass5-AIX7222	0 / 6 / 6	00:00:16	1/22/19, 4:27 PM	ⓘ

WHERC

The word "WHERC" is displayed in large, white, 3D block letters with a subtle drop shadow against a plain white background. Each letter is filled with a different professional photograph of a person. The 'W' features a woman with dark hair wearing a green top. The 'H' shows a man with dark hair wearing a green patterned shirt. The 'E' depicts a woman with dark hair wearing a light blue top, with her hands clasped in front of her. The 'R' shows a man with a shaved head wearing a blue suit jacket and a yellow tie. The 'C' features a woman with dark hair and glasses wearing a blue top. The overall aesthetic is clean and professional.