

IBM Power Development Platform

Save and restore Image user guide



IBM Corporation
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Why use the “Save image now” or “Save image when reservation ends” Functions

Using “Save image now” or “Save image when reservation ends” will enable you to select that image to be provisioned (restored) on a subsequent reservation so that the environment will be as you last had saved it. This allows you to customize and save the complete operating system image of your dedicated (root) mode virtual server so that you can use it instead of one of the standard operating system images for future reservations. The save image includes the root file systems with any installed system or user software (such as a database servers, middleware, tools or applications), as well as any operating system settings and configuration changes, so that you can pick up on a future reservations right where you have left off on the previous one.

The other benefit from using the “Save image now” or “Save image when reservation ends” functions is that it protects your environment. “Save image now” Will allow you to save at multiple times with unique name during the reservation period so that you do not loose any data in the event of a system crash or reservation termination. “Save image when reservation ends” will save the environment at the end of the reservation duration so that you have a copy of the environment exactly as you last left it.

Note:

You can only save an image for an Active reservation, and you must be logged off of the system in order to complete the save image routine. “Save image when reservation ends” will save your image after the reservation has ended and your connection terminated.

You cannot select an image to use on a new reservation until the existing reservation that created the image has ended. This is to avoid IP Conflict. Once the current reservation has ended then the image(s) you created under a company would be made available for you and will appear as an operating system choice in the “Select a saved image” box

You cannot use the saved image after six months. Saved images are retained in the DB for a period of six months only. You can refresh the saved image by restoring and recapturing it.

You cannot save the temporary disk. Save image captures only base disk. Please detach or unmount temporary disk before capturing the image.

Using the “Save image now” or “Save image when reservation ends” Functions:

To save your environment using the "Save image when reservation ends" or "Save image now" functions:

1. Visit our PDP web site located at: www.ibm.com/partnerworld/pdp
2. Click on the "**Programs**" tab, it would prompt you to login with your Partner World user id and password.
3. Click on the “**My Projects**” tab to display a list of your projects .

Access program information



My Projects

The "My Projects" page displays three project cards, each with a blue header and a light blue body. Each card features an illustration of a hand holding a magnifying glass over a computer monitor displaying a bar chart. The projects listed are:

- Project name : Test-Santosh-ISV**
Project description : Test-Santosh-ISV
Start date : June 11th, 2018 1:53 pm
End date : June 16th, 2018 1:53 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel
- Project name : Santosh_Test**
Project description : Santosh_Test
Start date : June 11th, 2018 3:42 pm
End date : June 16th, 2018 3:42 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel
- Project name : AIX_7.2**
Project description : Created for testing purpose.
Start date : June 12th, 2018 3:09 pm
End date : June 17th, 2018 3:09 pm
Status : Active
Buttons: Open Reservations, Extend, End, Cancel

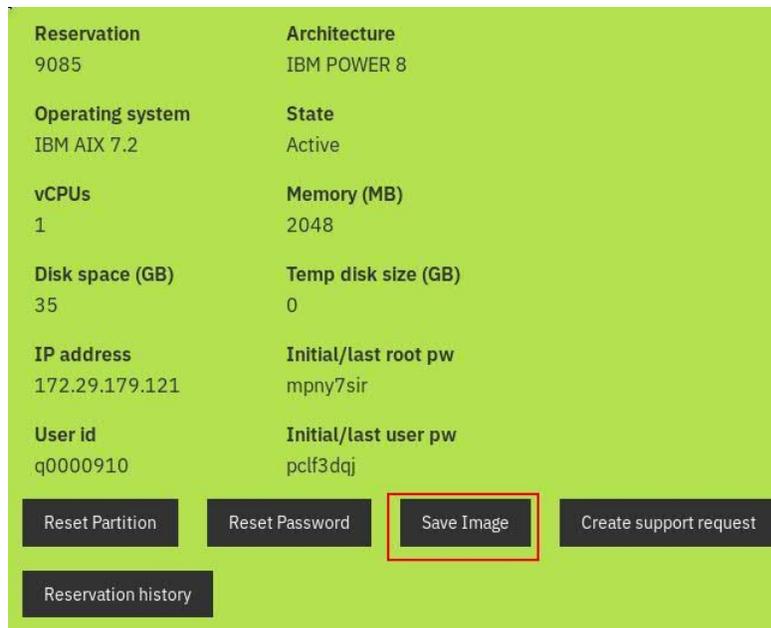
At the bottom left, there is a button: "← Return to My Program Access"

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4. Within the project details section, select “Open reservations” to see the reservation/partition details for projects of your choice. In this example we have selected “Open reservations” for project “AIX_7.2”. Please note that in the event of group reservation; more than 1 reservation/partition may be associated with a project.



5. Click on “Save Image” button , to perform the “Save image now” or “Save image when reservation ends” .



6. On the “Save image” page you will then be able to select “Save image now” or “Save where reservation ends” ; provide a unique image name for your reservation and type an image description to help you record image details – they will be displayed on the “My Saved Images” page to remind you of the specifications of each particular image you have saved. Then press the “Save Image” button:

Save an image

Complete required fields indicated with an asterisk (*)

Save image now Save image when reservation ends

Image name* (Must be a unique name without blank spaces)

SN_AIX_72_P8

Image description* (Maximum of 256 characters)

Save image now created for AIX_72_P8

 Save image

Cancel

Note: The difference between the “Save image now” and “Save image when reservation ends” options are as follows

“Save image now” option will start the immediate save of an image and will allow you to save more than 1 snapshot of the image over time, provided you have not exceeded your maximum space for saved images.

“Save image when reservation ends” will save the image once at the scheduled reservation end time before the reservation scrubbing process begins.

PDP – Save and restore Image user guide

7. If you select "Save image when reservation ends", then you will see the following messages appear on your screen – image will be saved when the reservation ends.

Save an image

Complete required fields indicated with an asterisk (*)

Save image now Save image when reservation ends

Image name*(Must be a unique name without blank spaces)

SOE_AIX_72_P8

Image description* (Maximum of 256 characters)

Save image when reservation ends created for
SOE_AIX_72_P8

 Save image

Cancel

My Reservations

Reservation 9085	Architecture IBM POWER 8
Operating system IBM AIX 7.2	State Active
vCPUs 1	Memory (MB) 2048
Disk space (GB) 35	Temp disk size (GB) 0
IP address 172.29.179.121	Initial/last root pw ohrv1gwe
User id q0000910	Initial/last user pw vmap1reg

[Reset Partition](#) [Reset Password](#) [Save Image](#) [Create support request](#)

[Reservation history](#)

The request for saving image on exit is accepted.

[← Return to My Projects](#)

8. If you select "Save image now", then you will see the following messages appear on your screen – it may take several minutes for this to complete.

My Reservations

Reservation 9085	Architecture IBM POWER 8
Operating system IBM AIX 7.2	State Processing
vCPUs 1	Memory (MB) 2048
Disk space (GB) 35	Temp disk size (GB) 0
IP address 172.29.179.121	Initial/last root pw mpny7sir
User id q0000910	Initial/last user pw pclf3dqj

[Reset Partition](#) [Reset Password](#) [Save Image](#) [Create support request](#)

[Reservation history](#)

The request for saving image is being processed, and may take several minutes to complete.

9. It can take some time (30 minute to 2 hours) for the actual image save function automation to fully complete and to make the saved image available for restoring – it also depends on the size of the image. If the save image process encounters any problem then the reservation will be in error state. Checkout below sample screen shot for reference.

Note: when ever a PDP reservation turns to ERROR state, the support team would be notified about the ERROR condition. Support team would work towards resolving the problem.

10. Once the saved image process is completed , Click on "My saved Images" button to view Image name, Creation date, IP Address, and Size in MB displayed. From this window you can also delete any of your images should you need to do so to make room for other images or if you decide that you no longer need or want an image.

Access program information

[→ My profile](#) [→ My saved images](#) [→ My agreement](#) [→ My support](#)

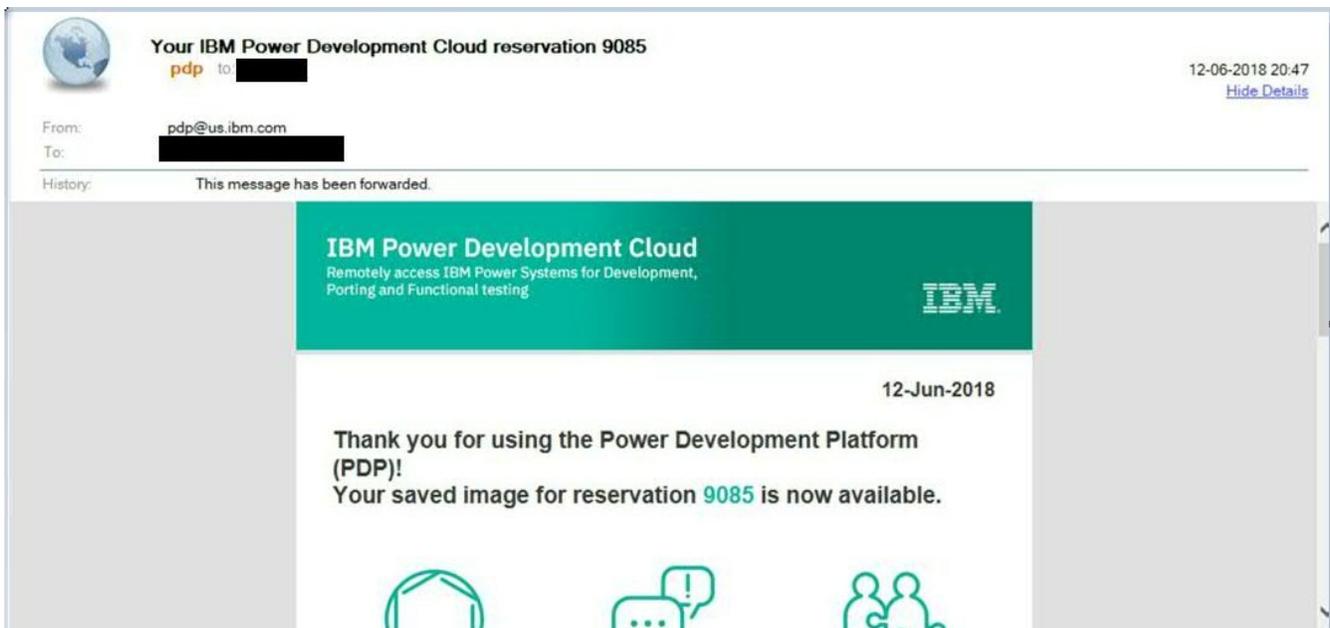
[→ VPN Network Access](#) [→ My projects](#)

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My saved images

Image name	Creation date	IP address	Size (mb)	Promo code	Action
SN_AIX_72_P8	2018-06-12 10:08:36.493029	172.29.179.121	3734		<input type="button" value="Delete"/>

11. You should also receive an email from pdp@us.ibm.com with the subject “Your IBM Power Development Cloud reservation xxxxx” telling you that you have saved an image.



Restoring previously saved Image:

If a saved image was originally created using a promotional code for expanded system capacity CPU, Memory, etc you will need to use the same promotional code to restore the image for a similar environment. If you do not remember the promotional code used or would like to request a different configuration please submit a new promotional code request before restoring the saved image.

Note: Images are associated and locked to the User ID and Company ID that created the image. There is no ability today for users to transfer images to other users. If you create an image with a specific User ID and Company ID then you will only be able to see it and to select it when you log in under that same User ID and Company ID combination. A user can have multiple Company IDs or just one Company ID.

My saved images

Image name	Creation date	IP address	Size (mb)	Promo code	Action
SN_AIX_72_P8	2018-06-12 10:08:36.493029	172.29.179.121	3734		<input type="button" value="Delete"/>

Restoring an image follows the exact same process as creating a reservation with the exception that you click on the “Saved image” button and then select an image from the “Select a saved image:” box.

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Project Information

Enter a project name* ⓘ

SN_AIX_72_P8

Project opportunity* ⓘ

* Potential new customer

Project classification* ⓘ

* Build and test

Project description* ⓘ

Restoring the Save now image.

Project Dates

My local date and time: June 12th, 2018 10:09 pm

Start date*

Jun 13, 2018

Start time*

00:24

Start date options

Optional

End date*

Jun 18, 2018

End time*

00:24

Logical Resources

Select an image type

Saved image

Select an image

SN_AIX_72_P8

Physical Resources

Architecture

IBM POWER 8

vCPUs

1

Memory (GB)

2

Disk (GB)

35

Temp disk

0

Support available

If you have any further questions or need assistance on the document or on PDP. Please use our “My Support” button from our PDP web site or you can click “Create support request” button on the reservation and submit your question to the support team. Please use the following link.

<https://www.ibm.com/partnerworld/wps/ent/pdp/web/Support>

Access program information

→ My profile

→ My saved images

→ My agreement

→ My support

→ VPN Network Access

→ My projects

My Reservations

Reservation 9085	Architecture IBM POWER 8
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[Reset Partition](#) [Reset Password](#) [Save Image](#) [Create support request](#)

[Reservation history](#)

Support request

Please complete the section below and press submit.

Company

Test_Company_for_Acme

Hardware

POWER8

User name

Fast Push

Image name

AIX72TL2

Email

ranji121@in.ibm.com

Image class

IBM AIX 7.2

Reservation

9085

Start date

June 12th, 2018 3:09 pm

Reservation status

Committed

End date

June 17th, 2018 3:09 pm

Enter your question*

How to reset my password.Please suggest.

Submit

Cancel