

## UPLOAD IMAGE TO IBM CONTAINER REGISTRY

Teamid	PNT2022TMID52216
Project name	Plasma donor application
Team member	Shahin A Lakshmi M Santhiya R Aswathy M A Kokila R

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

Loading personal and system profiles took 4507ms.
(base) PS C:\Program Files\IBM\Cloud\bin>
(base) PS C:\Program Files\IBM\Cloud\bin> ibmcloud plugin install container-registry -r 'IBM Cloud'
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Plug-in 'container-registry 1.0.2' was already installed. Do you want to update it with 'container-registry[cr] 1.0.2' or not? [y/N]
> y
Attempting to download the binary file...
 11.90 MiB / 11.90 MiB [=====] 100.00% 10s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\User\bluemix\plugins\container-registry. Use 'C:\Program
Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-registry' to show its details.
(base) PS C:\Program Files\IBM\Cloud\bin> ibmcloud login -a https://cloud.ibm.com
API endpoint: https://cloud.ibm.com

Email> 963219104011@smartinternz.com

Password>
Authenticating...
OK

Targeted account Lakshmi M's Account (466aa5135e73482fa8a232111d227536)

Select a region (or press enter to skip):
```

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```
Windows PowerShell
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 4
Targeted region jp-tok

API endpoint:      https://cloud.ibm.com
Region:            jp-tok
User:              963219104011@smartinternz.com
Account:           Lakshmi M's Account (466aa5135e73482fa8a232111d227536)
Resource group:    No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

New version 2.12.1 is available.
Change logs: https://github.com/IBM-Cloud/ibm-cloud-cli-release/releases/tag/v2.12.1
TIP: use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe config --check-version=false' to disable update check.

Do you want to update? [y/N] > y
```

```
Windows PowerShell
2db29710123e: Pull complete
Digest: sha256:faa03e786c97f07ef34423fccceec2398ec8a5759259f94d99078f264e9d7af
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest
(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/lakshmi/<my_repository>:<my_tag>
Error parsing reference: "jp.icr.io/lakshmi/<my_repository>:<my_tag>" is not a valid repository/tag: invalid reference format
(base) PS C:\Program Files\IBM\Cloud\bin>
(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/lakshmi/lakshmi:plasma app
"docker tag" requires exactly 2 arguments.
See 'docker tag --help'.

Usage: docker tag SOURCE_IMAGE[:TAG] TARGET_IMAGE[:TAG]

Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
(base) PS C:\Program Files\IBM\Cloud\bin> docker push jp.icr.io/lakshmi/lakshmi:plasma app
"docker push" requires exactly 1 argument.
See 'docker push --help'.

Usage: docker push [OPTIONS] NAME[:TAG]

Push an image or a repository to a registry
(base) PS C:\Program Files\IBM\Cloud\bin> ibmcloud cr image-list
Listing images...

You have no images in the namespaces for this account, or you are not authorized to view any namespaces for this account.
Push an image, or ensure that the IAM access policy for this account grants you Reader or Manager access to at least one namespace.
To see IBM-provided images, target the global registry by using 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe cr region-set global' and then run 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe cr image-list --include-ibm'.

(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/<my_namespace>/<my_repository>:<my_tag>
Error parsing reference: "jp.icr.io/<my_namespace>/<my_repository>:<my_tag>" is not a valid repository/tag: invalid reference format
(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/lakshmi/flask_with_form_docker:latest
```

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```
Windows PowerShell
Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE
(base) PS C:\Program Files\IBM\Cloud\bin> docker push jp.icr.io/lakshmi/lakshmi:plasma app
"docker push" requires exactly 1 argument.
See 'docker push --help'.

Usage: docker push [OPTIONS] NAME[:TAG]

Push an image or a repository to a registry
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(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/<my_namespace>/<my_repository>:<my_tag>
Error parsing reference: "jp.icr.io/<my_namespace>/<my_repository>:<my_tag>" is not a valid repository/tag: invalid reference format
(base) PS C:\Program Files\IBM\Cloud\bin> docker tag hello-world jp.icr.io/lakshmi/flask_with_form_docker:latest
(base) PS C:\Program Files\IBM\Cloud\bin> docker push jp.icr.io/lakshmi/flask_with_form_docker:latest
The push refers to repository [jp.icr.io/lakshmi/flask_with_form_docker]
e07ee1baac5f: Pushed
latest: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525
(base) PS C:\Program Files\IBM\Cloud\bin> ibmcloud cr image-list
Listing images...

Repository                                Tag    Digest                                Namespace  Created    Size    Security status
jp.icr.io/lakshmi/flask_with_form_docker  latest  f54a58bc1aac                                lakshmi    1 year ago  2.5 kB    -

OK
(base) PS C:\Program Files\IBM\Cloud\bin> |
```

IBM Cloud Container Registry - Namespaces

cloud.ibm.com/registry/namespaces

IBM Cloud


Search resources and products...

Catalog Manage Lakshmi M's Account

### Namespaces

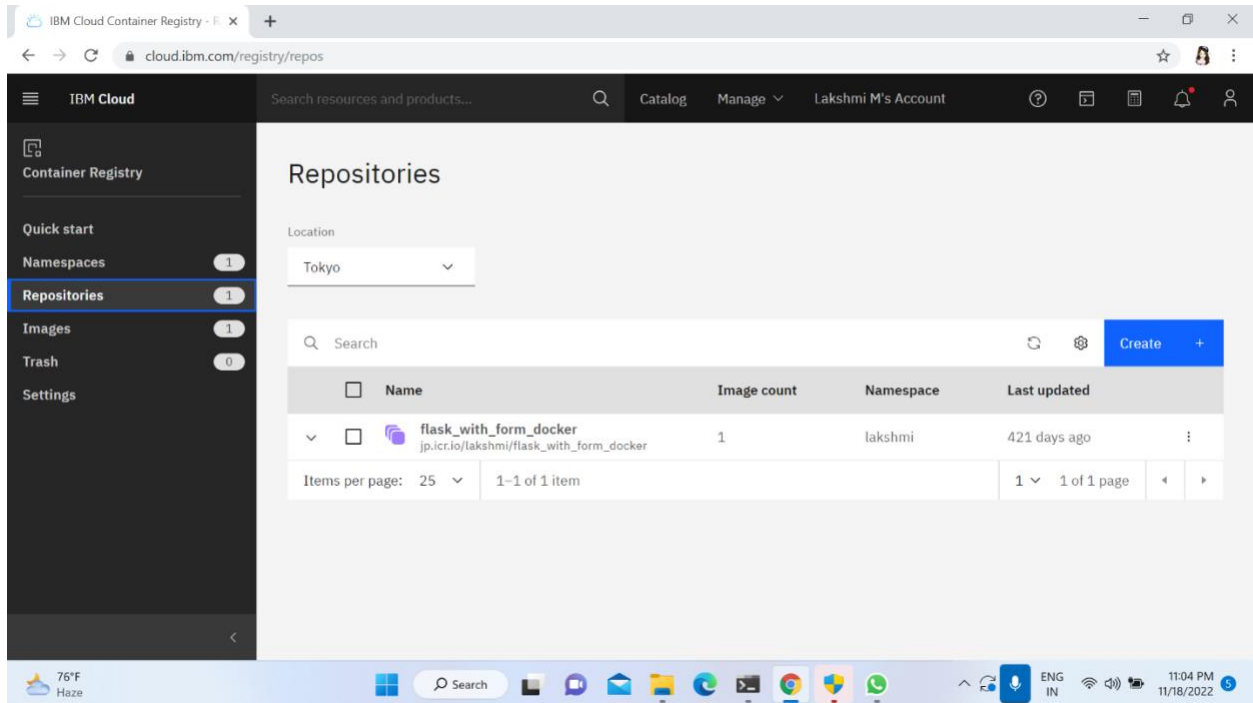
Location: Tokyo

Resource group: Filter... Search Create +

	Name	Resource group	Repository count	Image count	Retention policy
▼	 lakshmi	Default	1	1	Retain all images

Items per page: 25 1-1 of 1 item 1 1 of 1 page

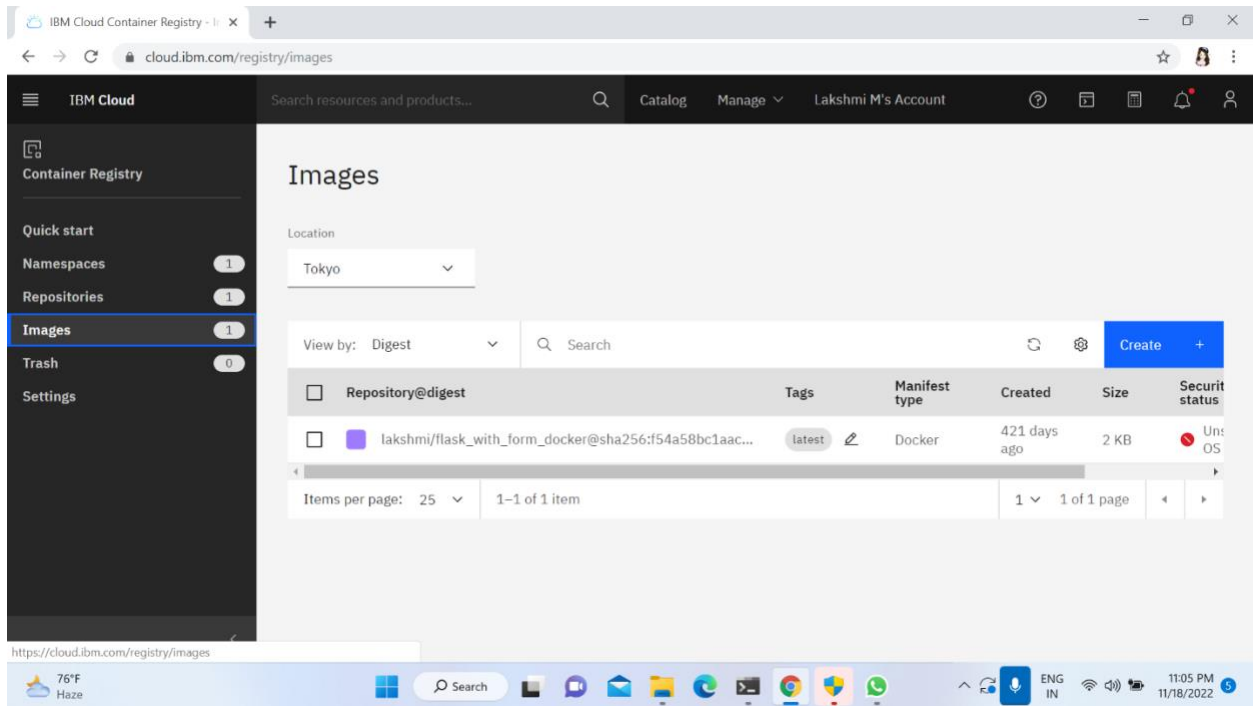
## UPLOAD IMAGE TO IBM CONTAINER REGISTRY



This screenshot shows the 'Repositories' page in the IBM Cloud Container Registry. The left sidebar contains navigation links for 'Container Registry', 'Quick start', 'Namespaces' (1), 'Repositories' (1), 'Images' (1), 'Trash' (0), and 'Settings'. The main content area has a 'Location' dropdown set to 'Tokyo'. Below this is a search bar and a 'Create' button. A table lists the repositories:

<input type="checkbox"/>	Name	Image count	Namespace	Last updated
<input type="checkbox"/>	flask_with_form_docker jp.icr.io/lakshmi/flask_with_form_docker	1	lakshmi	421 days ago

At the bottom of the table, it shows 'Items per page: 25' and '1-1 of 1 item'. The system tray at the bottom indicates a temperature of 76°F, 'Haze' weather, and the time 11:04 PM on 11/18/2022.



This screenshot shows the 'Images' page in the IBM Cloud Container Registry. The left sidebar is similar to the previous screenshot, but 'Images' (1) is selected. The main content area has a 'Location' dropdown set to 'Tokyo'. Below this is a 'View by: Digest' dropdown and a search bar. A table lists the images:

<input type="checkbox"/>	Repository@digest	Tags	Manifest type	Created	Size	Security status
<input type="checkbox"/>	lakshmi/flask_with_form_docker@sha256:f54a58bc1aac...	latest	Docker	421 days ago	2 KB	UnOS

At the bottom of the table, it shows 'Items per page: 25' and '1-1 of 1 item'. The system tray at the bottom indicates a temperature of 76°F, 'Haze' weather, and the time 11:05 PM on 11/18/2022.