

## Setting Up Application Environment

### Install IBM Cloud CLI

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Project Name	Smart Fashion Recommendation System
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Container Registry -> Get Started

The screenshot shows the IBM Cloud Container Registry catalog page in a web browser. The browser's address bar displays 'cloud.ibm.com/registry/catalog'. The page header includes the IBM Cloud logo and navigation links for Catalog, Manage, and the user's account (Femima Shelly's Account). The main content area features the 'Container Registry' title, an 'Estimate costs' button, and a 'Get started' button. Below this, the 'Summary' section describes the service as a fully managed private registry for Docker container images. The 'Features' section highlights three key benefits: highly available and scalable private registry, image security compliance with Vulnerability Advisor, and quota limits for storage and pull traffic. The 'Pricing plans' section is partially visible at the bottom.

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### Container Registry

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#### Summary

Manage Docker container images in a fully managed private registry. Push private images into this registry to run them in IBM Cloud Kubernetes Service and other runtime environments. Images are checked for security issues, so that you can make informed decisions about your deployments.

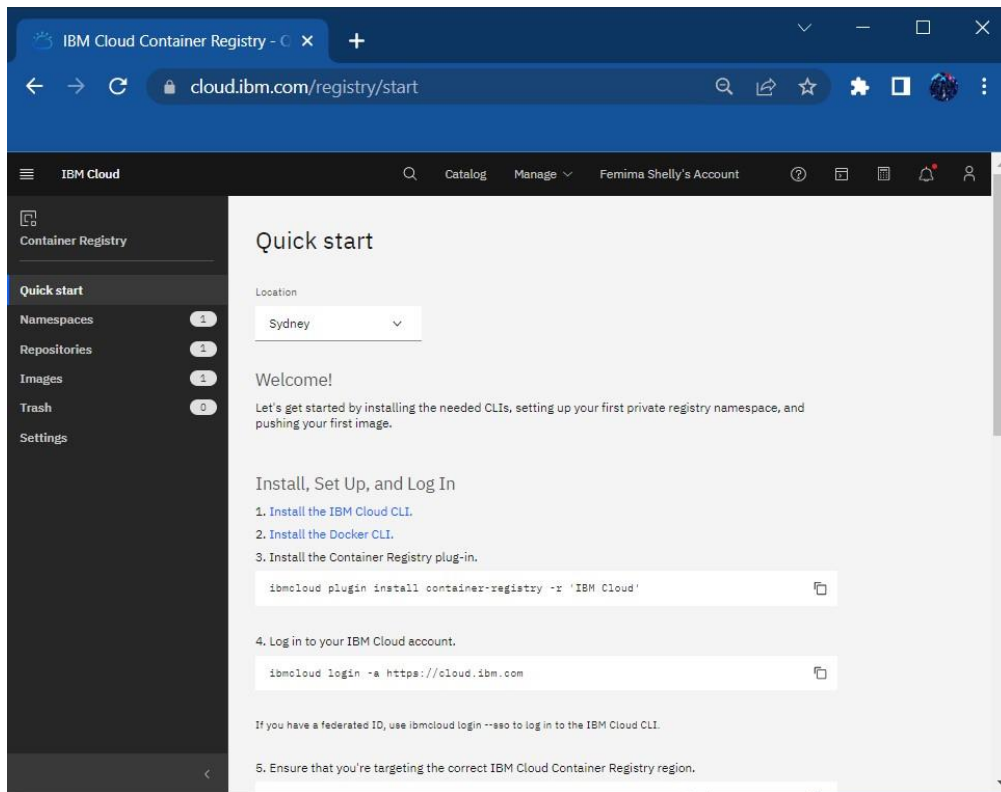
#### Features

**Highly available and scalable private registry**  
Set up your own image namespace in a multi-tenant, highly available, scalable private registry that is hosted and managed by IBM. Securely store your private Docker images and share them with users in your IBM Cloud account.

**Image security compliance with Vulnerability Advisor**  
Benefit from the automatic scanning of images in your namespaces. Review suggestions, which are specific to your operating system, to fix potential vulnerabilities and protect your containers from being compromised.

**Quota limits for storage and pull traffic**  
Benefit from free storage and pull traffic to your private images until you reach the limit for your free quota. Set custom quota limits for the amount of storage and pull traffic per month so that you avoid exceeding your preferred payment level.

#### Pricing plans



Copy the Container Registry plug-in and paste it in the Windows PowerShell to install IBM cloud CLI

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\welcome> 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% 9s
12476416 bytes downloaded
Installing binary...
OK
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\welcome\.bluemix\plugins\container-registry.
Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show container-registry' to show its details.
PS C:\Users\welcome> ibmcloud login -a https://cloud.ibm.com
API endpoint: https://cloud.ibm.com

Email> femimashelly2@gmail.com

Password>
Authenticating...
OK
```

The IBM Cloud CLI will be installed in your system.