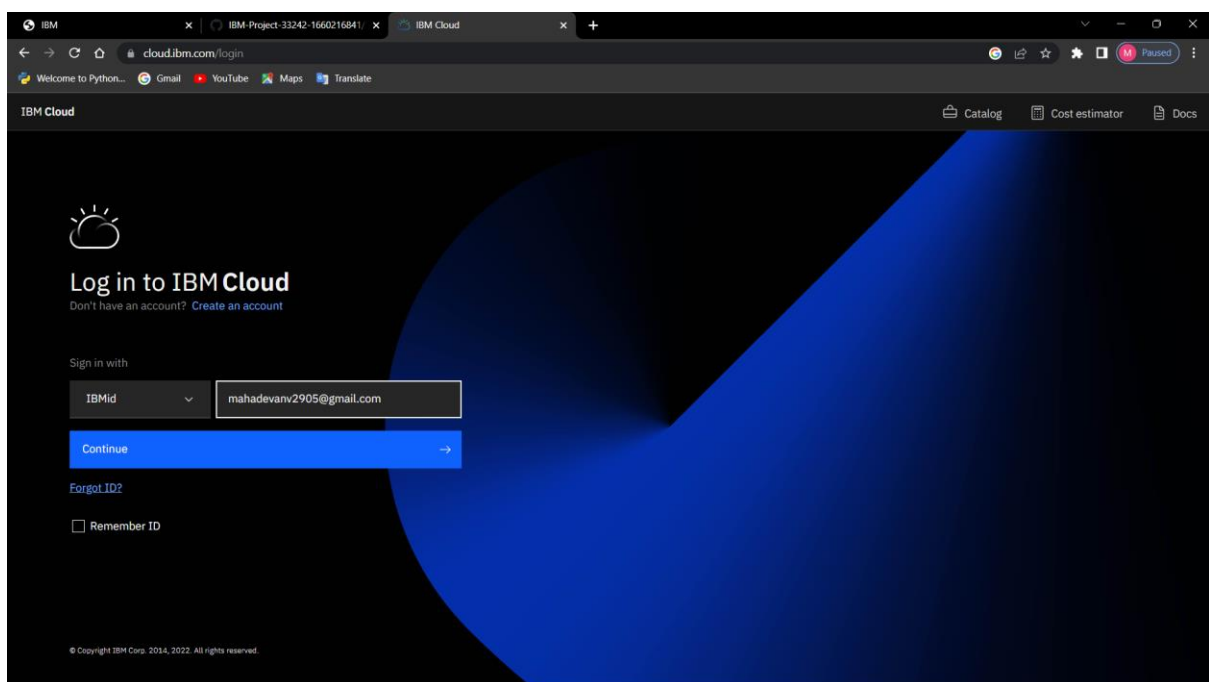


# Setting up Application Environment

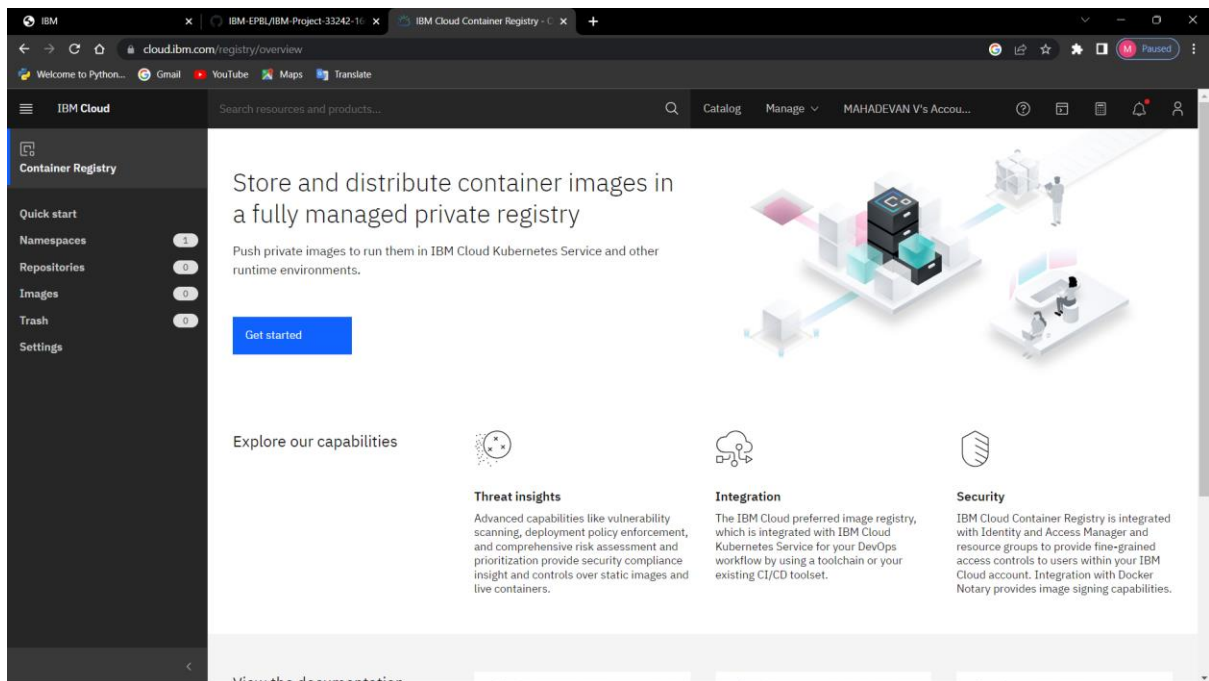
Team ID	PNT2022TMID43983
Project Name	Plasma Donor Application

## IBM CLOUD CLI INSTALLATION

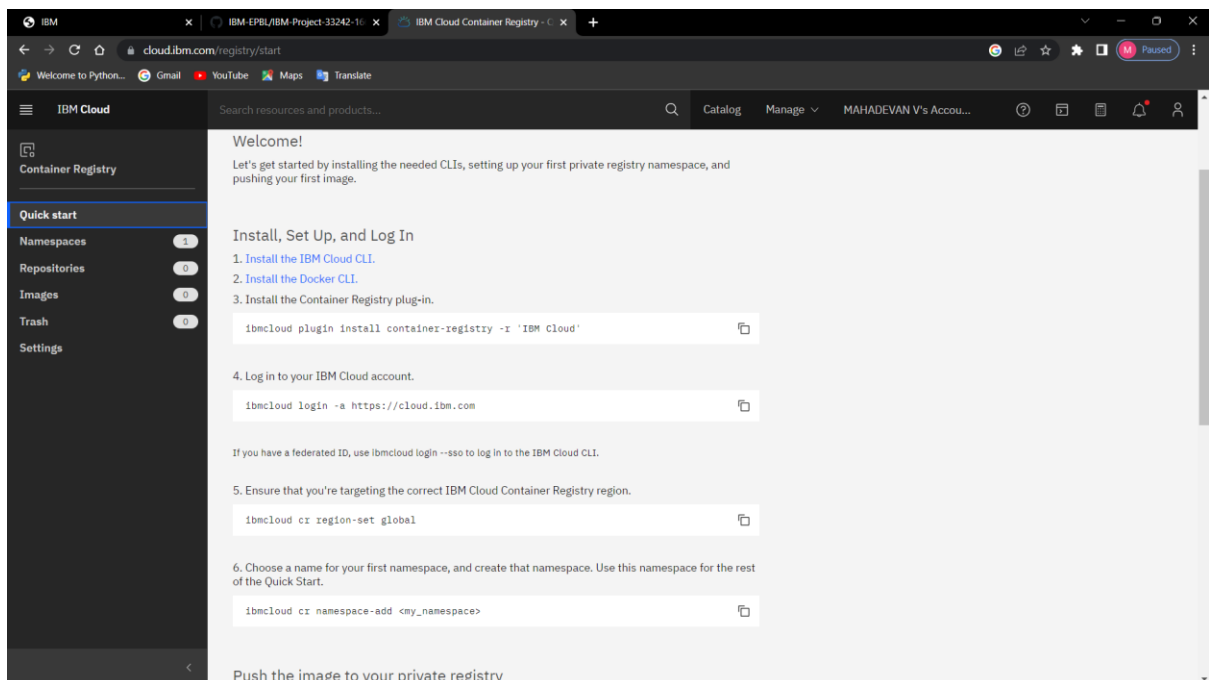
### Step1: Log in to the IBM cloud



## Step 2: Select container registry



## Step3: Select Quickstart to open container registry and click on install IBM Cloud CLI.



## Step 4: Click on IBM Cloud CLI

The screenshot shows the IBM Cloud Docs website. The main heading is "Setting up the CLI" with a subheading "Installing the IBM Cloud CLI and plug-ins". The page is dated "Last updated 2022-11-16". The content explains that the IBM Cloud Kubernetes Service CLI can be used to create and manage Kubernetes clusters. It lists the required CLIs and plug-ins: IBM Cloud CLI, IBM Cloud Kubernetes Service plug-in, IBM Cloud Container Registry plug-in, and IBM Cloud Kubernetes Service observability plug-in. A tip suggests using the IBM Cloud console instead of the CLI. The page also includes a sidebar with navigation links and a right-hand sidebar with a table of contents.

IBM Cloud Docs / Kubernetes service /

### Setting up the CLI

Last updated 2022-11-16

You can use the IBM Cloud® Kubernetes Service CLI to create and manage your Kubernetes clusters. To use the API, see [Setting up the API](#).

#### Installing the IBM Cloud CLI and plug-ins

Install the required CLIs to create and manage your Kubernetes clusters in IBM Cloud Kubernetes Service, and to deploy containerized apps to your cluster.

This task includes the information for installing these CLIs and plug-ins:

- IBM Cloud CLI ([ibmcloud](#))
- IBM Cloud Kubernetes Service plug-in ([ibmcloud ks](#))
- IBM Cloud Container Registry plug-in ([ibmcloud cr](#))
- IBM Cloud Kubernetes Service observability plug-in ([ibmcloud ob](#))

☒ **Tip:** If you want to use the IBM Cloud console instead, you can run CLI commands directly from your web browser in the [IBM Cloud Shell](#).

To install the CLIs:

- 1 Install the stand-alone [IBM Cloud CLI](#) ([ibmcloud](#)).

**Step 6:** then GitHub page will open and download the IBM CLI installer by selecting as per your system required installer.

The screenshot shows the GitHub page for the IBM Cloud CLI releases. The page title is "Releases · IBM-Cloud/ibm-cloud-cli". The latest release is "v2.12.1" (Latest), released 16 days ago by user "steveclay". The page lists the installers for various operating systems and architectures: Mac OS X 64 bit, Mac OS X M1/ARM (as-is), Windows 64 bit, Windows 32 bit, Linux 64 bit, Linux 64 bit ARM (as-is), Linux 32 bit, Power Linux 64 bit, and System/390 Linux 64 bit. The page also lists the binaries for Mac OS X 64 bit, Mac OS X M1/ARM (as-is), and Windows 64 bit.

Releases · IBM-Cloud/ibm-cloud-cli

16 days ago

steveclay

v2.12.1

e54895b

Compare

### v2.12.1 Latest

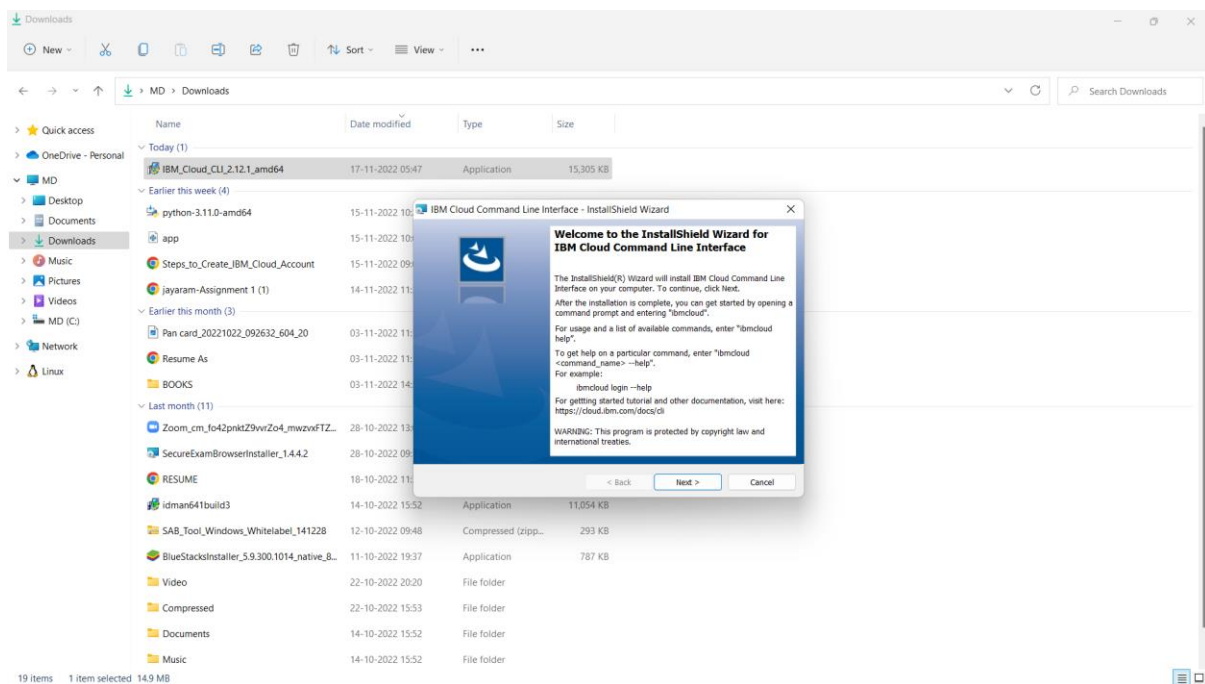
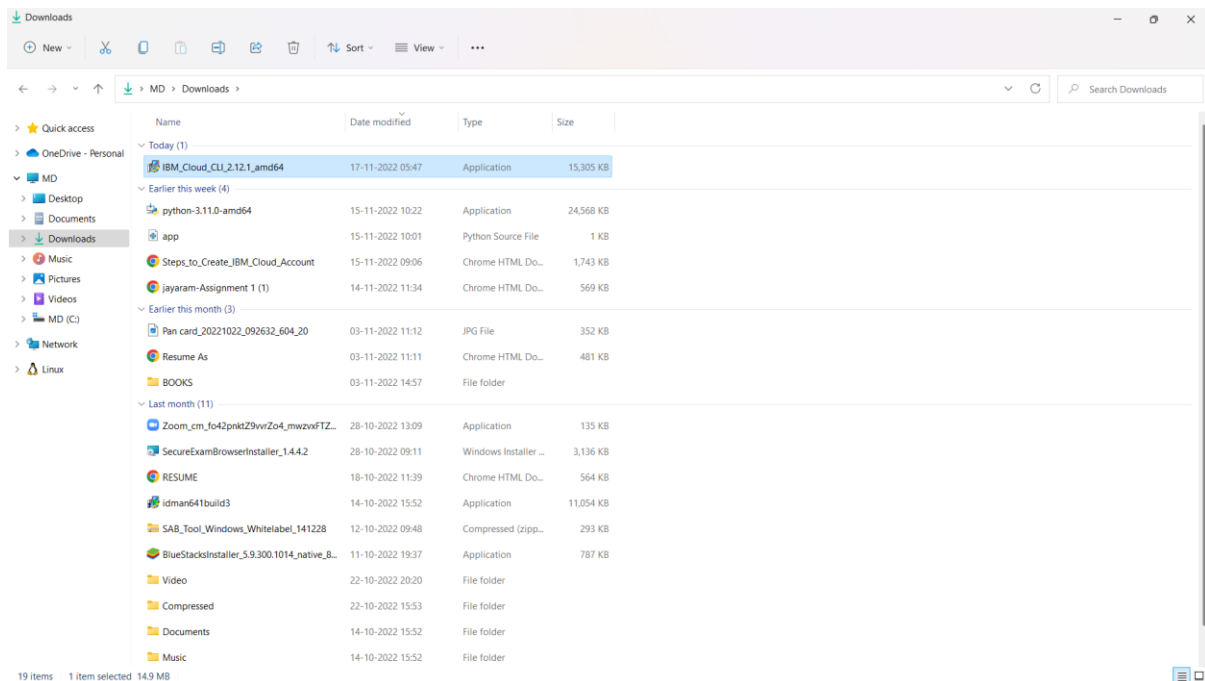
#### Installers

- Mac OS X 64 bit
- Mac OS X M1/ARM (as-is)
- Windows 64 bit
- Windows 32 bit
- Linux 64 bit
- Linux 64 bit ARM (as-is)
- Linux 32 bit
- Power Linux 64 bit
- System/390 Linux 64 bit

#### Binaries

- Mac OS X 64 bit
- Mac OS X M1/ARM (as-is)
- Windows 64 bit

**Step 7:** After the download, Click the downloaded setup to run the installer.



**Step 8:** After the installation set environment variable and then open CMD (Windows). Type this command to login in IBM cloud

“IBM cloud login”

```
Command Prompt - ibmcloud login
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\VD>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> mahadevamv2905@gmail.com

Password>
Authenticating...
OK

Targeted account MAHADEVAN V's Account (0ac0b71c68bd4b579b8f08862c0e0c41)

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>
```

**Step 9:** Enter your IBM cloud email id and password, Then it will authenticate and signals “OK” . The number of regions will displayed, select one of them for your targeted account.

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\VD>ibmcloud login
API endpoint: https://cloud.ibm.com

Email> mahadevamv2905@gmail.com

Password>
Authenticating...
OK

Targeted account MAHADEVAN V's Account (0ac0b71c68bd4b579b8f08862c0e0c41)

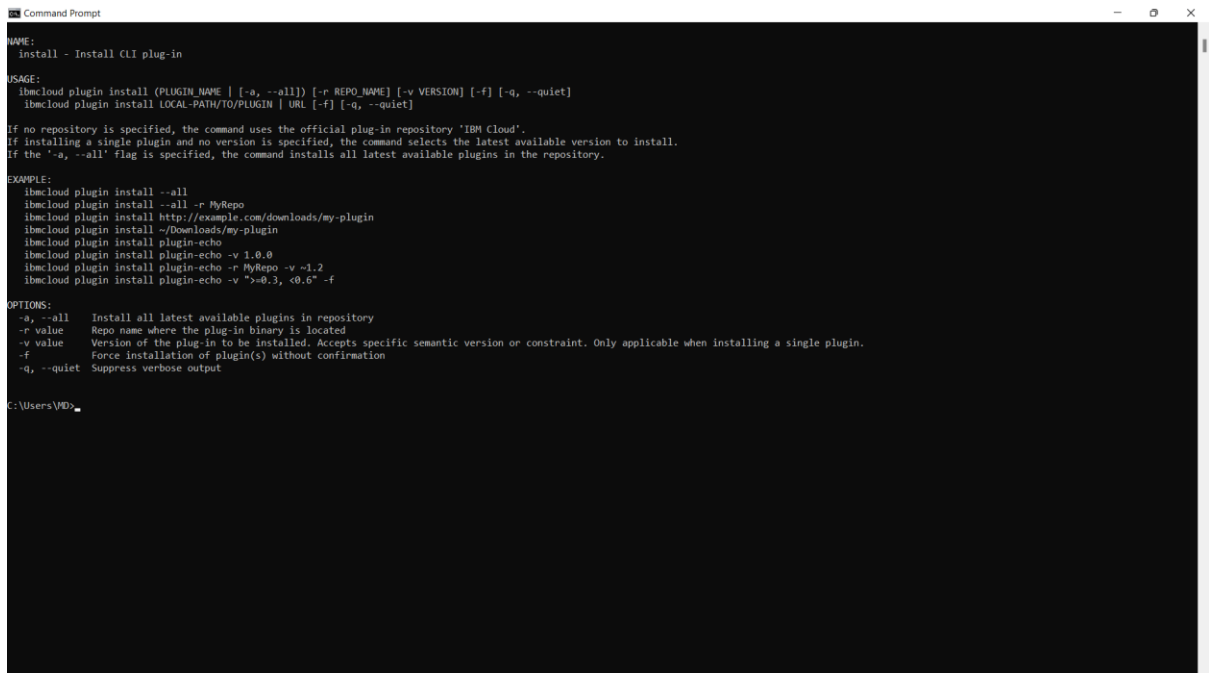
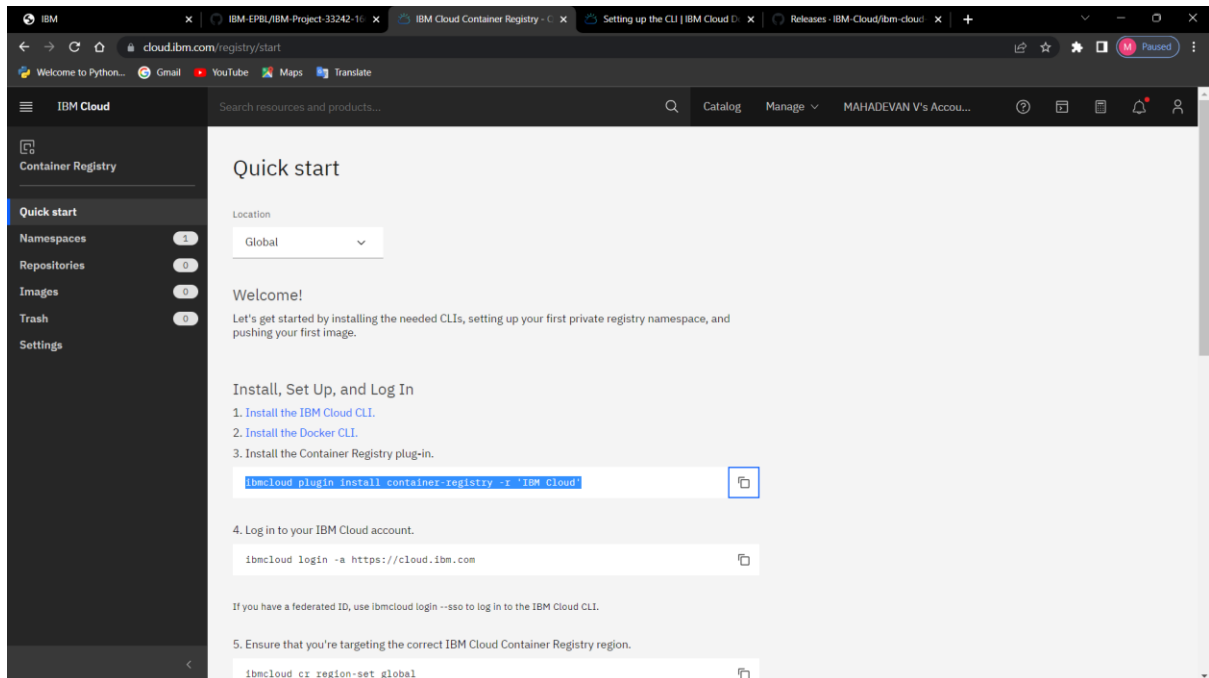
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 9
Targeted region us-south

API endpoint: https://cloud.ibm.com
Region: us-south
User: mahadevamv2905@gmail.com
Account: MAHADEVAN V's Account (0ac0b71c68bd4b579b8f08862c0e0c41)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\VD>
```

**Step 10:** Then copy the plugin command in your container registry (where the command displayed in your container registry which is opened on web browser) and paste and run it on cmd.

**“IBM cloud plugin install container-registry -r”**



## Step 11 : Create namespace in your container registry.

The screenshot shows the IBM Cloud Container Registry interface. On the left is a sidebar with navigation links: Container Registry, Quick start, Namespaces (1), Repositories (0), Images (0), Trash (0), and Settings. The main area is titled 'Namespaces' and includes a 'Location' dropdown set to 'Global' and a 'Resource group' filter set to 'Default'. A table lists existing namespaces:

<input type="checkbox"/>	Name	Resource group	Repository count	Image count
<input type="checkbox"/>	mand	Default	0	0

Below the table, it says 'Items per page: 25' and '1-1 of 1 item'. A 'Create namespace' modal is open on the right, containing the following text and form elements:

**Create namespace** [X]

The namespace must be unique across all IBM Cloud accounts in the same region.

Resource group: **Default** [v]

Name:

At the bottom of the modal are 'Cancel' and 'Create' buttons.