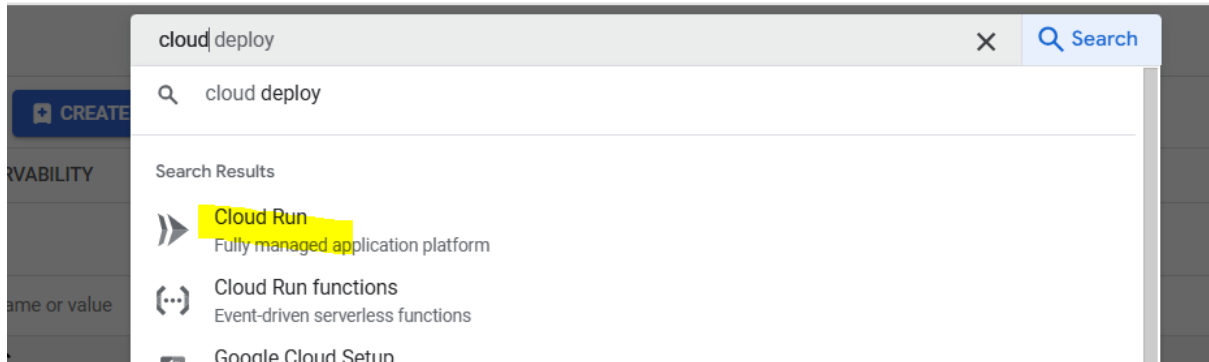
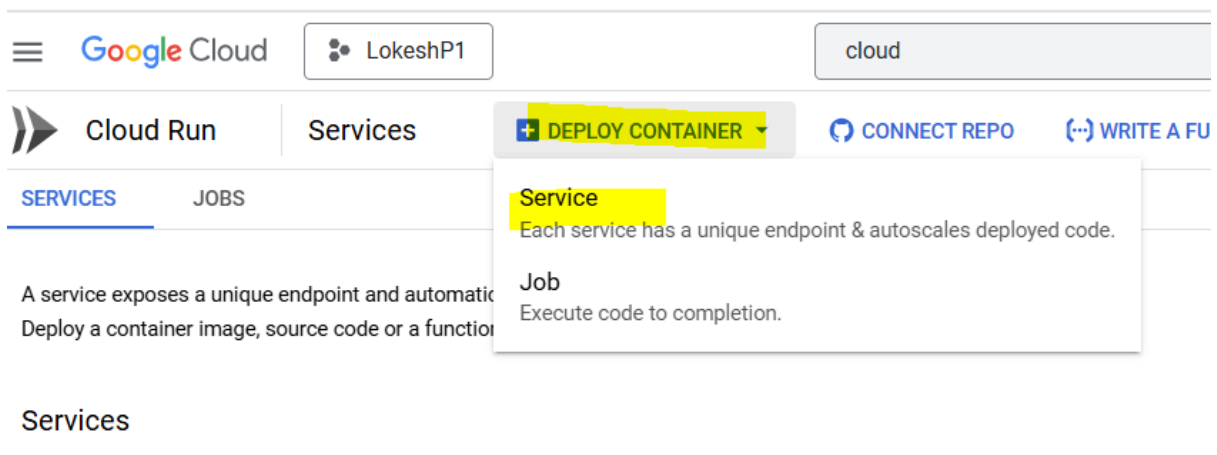


In this lab, we will run deploy the image we created previously using cloud run

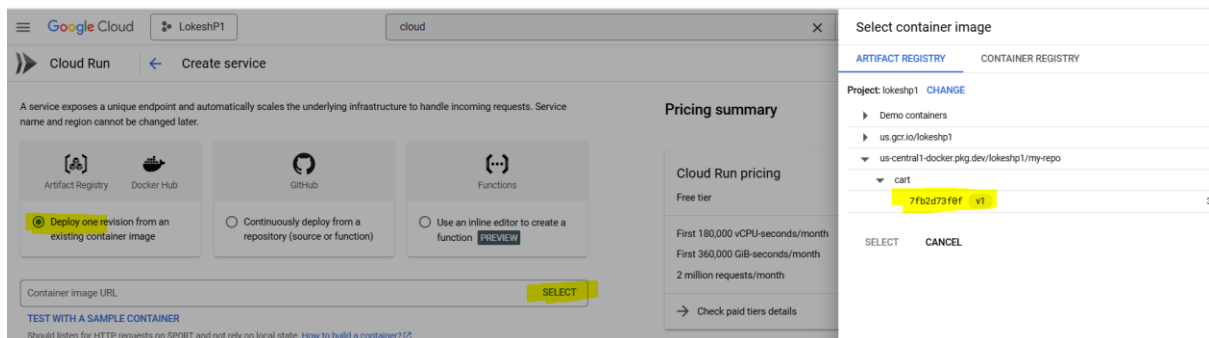
1) At GCP console, search for Cloud Run



2) Go to Deploy container and click Service



3) Under the Deploy from existing image option, click select and select the image we created in the previous lab under my-repo



- 4) Give a name, select region and select “Allow unauthenticated invocations option, select request based under billing

Configure

Service name *

cart

Region *

us-central1 (Iowa)

[How to pick a region?](#)

Endpoint URL ?

https://cart-102220125865.us-central1.run.app

Authentication *

- ☒ Allow unauthenticated invocations
Check this if you are creating a public API or website.
- ☐ Require authentication
Manage authorized users with Cloud IAM.

Billing ?

- ☒ Request-based
Charged only when processing requests. CPU is limited outside of requests.
- ☐ Instance-based
Charged for the entire lifecycle of instances. Full CPU for the entire lifetime of each instance.

- 5) Make a minimum number of instances 1, ingress for all. Also, expand the advanced option and explore options there, but do not change anything, and click create

Charged for the entire lifecycle of instances. Full CPU for the entire lifetime of each instance.

Service scaling ?

Minimum number of instances

1

Ingress ?

- ☐ Internal
Allow traffic from your project, shared VPC, and VPC service controls perimeter. Traffic from another Cloud Run service must be routed through a VPC. Limitations apply. [Learn more](#)
- ☒ All
Allow direct access to your service from the internet

Container(s), Volumes, Networking, Security



6) Click on the URL, and this should open the cart page

The screenshot shows the 'Service details' page for a Cloud Run service named 'cart'. The top navigation bar includes 'Cloud Run', 'Service details', and links for 'EDIT & DEPLOY NEW REVISION' and 'SET UP CONTINUOUS DEPLOYMENT'. Below the navigation bar, the service name 'cart' is displayed with a green checkmark icon. The region is 'us-central1' and the URL is 'https://cart-102220125865.us-central1.run.app'. A status box indicates 'Service is healthy and serving traffic.' Below this, there are tabs for 'METRICS', 'SLOS', 'LOGS', 'REVISIONS' (selected), 'TRIGGERS', 'NETWORKING', 'SECURITY', and 'YAML'. Under the 'REVISIONS' tab, there is a 'Revisions' section with a 'MANAGE TRAFFIC' link. A filter bar is present above a table of revisions. The table has columns: 'Name', 'Traffic', 'Deployed', 'Revision tags', and 'Actions'. One revision is listed: 'cart-00001-9z9' with 100% traffic and deployed 1 minute ago.

Name	Traffic	Deployed	Revision tags	Actions
cart-00001-9z9	100% (to latest)	1 minute ago	+	⋮

So here, here what we did was, we pushed the image to the Artifact registry and then Cloud Run pulled the image and deployed it to an instance at the backend which brings up our application

7) Now on the main page, we can see the Revisions and the revision name. This is similar to the versions and every time we push a new version, a new revision will be created

This screenshot is similar to the previous one but shows the 'Revisions' tab selected. The 'Revisions' tab is highlighted in yellow. The table of revisions shows the same revision 'cart-00001-9z9' but now with a green checkmark icon and a yellow highlight, indicating it is the current revision. The 'Deployed' time is now '5 minutes ago'.

Name	Traffic	Deployed	Revision tags	Actions
cart-00001-9z9	100% (to latest)	5 minutes ago	+	⋮

8) Now go to logs, and here we can see all logs or details related to this deployment.

✓

cart

Region: us-central1

URL: <https://cart-102220125865.us-central1.run.app>

Service min instances: 1

Service is healthy and serving traffic.

METRICS

SLOS

LOGS

REVISIONS

TRIGGERS

NETWORKING

SECURITY

YAML

Logs

Severity
Default

Filter

Search all fields and values

SEVERITY	TIMESTAMP	SUMMARY
Scanned up to 12/19/24, 5:29 AM. Scanned 253.4 KB.		
> i	2025-01-26 11:39:50.191 IST	Cloud Run CreateService cart lokeshdrall111@gmail.com {@type: type.googleapis.com/google.cloud.audit.AuditLog, authenticat
> *	2025-01-26 11:41:00.599 IST	warn: Microsoft.AspNetCore.DataProtection.Repositories.FileSystemXmlRepository[60]
> *	2025-01-26 11:41:00.599 IST	Storing keys in a directory '/root/.aspnet/DataProtection-Keys' that may not be persisted outside of the container. Protected .
> *	2025-01-26 11:41:00.691 IST	warn: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[35]
> *	2025-01-26 11:41:00.691 IST	No XML encryptor configured. Key {98a75c72-d4ff-4275-8168-75ffd9c80be9} may be persisted to storage in unencrypted form.
> *	2025-01-26 11:41:00.721 IST	warn: Microsoft.AspNetCore.Hosting.Diagnostics[15]
> *	2025-01-26 11:41:00.721 IST	Overriding HTTP_PORTS '8080' and HTTPS_PORTS ''. Binding to values defined by URLS instead 'http://*:8080'.
> i	2025-01-26 11:41:00.896 IST	Default STARTUP TCP probe succeeded after 1 attempt for container "cart-1" on port 8080.
> *	2025-01-26 11:41:00.908 IST	info: Microsoft.Hosting.Lifetime[14]
> *	2025-01-26 11:41:00.908 IST	Now listening on: http://[::]:8080