

## Sprint 4

Team ID	PNT2022TMID04671
Project Name	Personal Expense Tracker

### Publish Image in the IBM Container Registry

The screenshot shows the IBM Cloud Container Registry interface. The top navigation bar includes 'IBM Cloud', a search bar, and links for 'Catalog', 'Manage', and a user profile. The main content area displays the details for an image named 'expense-tracker@sha256:7e9979c49e21...'. Below the image name, there's a 'Tags' section with 'v3', a 'Digest' section with '7e9979c49e21...', a 'Size' section with '442 MB', a 'Created' section with '1 hour ago', and a 'Security status' section with '3 issues'. The 'Image inspect data' section shows a JSON object with various metadata fields like 'Id', 'Parent', 'Comment', 'Created', 'Container', 'ContainerConfig', 'Hostname', 'Domainname', 'User', 'AttachStdin', 'AttachStdout', 'AttachStderr', 'Tty', 'OpenStdin', 'StdinOnce', 'Env', 'Cmd', 'Image', 'Volumes', and 'WorkingDir'.

### Deploy The Image In Kubernetes Cluster

The screenshot shows the IBM Cloud Kubernetes Clusters interface. The top navigation bar includes 'IBM Cloud', a search bar, and links for 'Catalog', 'Manage', and a user profile. The main content area displays the details for a cluster named 'expense-tracker'. The cluster status is 'Normal' and it 'Expires in 29 days'. There's a 'Kubernetes dashboard' link and an 'Actions...' dropdown. The 'Worker nodes' section shows a table with columns: Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The table contains one row with the ID '0000006e' and status 'Normal'. Below the table, there's a section for 'ID' (kube-cdqf48df0im8ilc17isg-expensetrac-default-0000006e) and 'Status' (Free - 2 vCPUs 4GB RAM). The bottom of the page shows pagination information: 'Items per page: 25', '1-1 of 1 item', and '1 of 1 page'.

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdqf48df0im8lc17sg/service/#/workloads?namespace=default

kubernetes default Search

### Workloads

- Workloads
- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets
- Service
- Ingresses
- Ingress Classes
- Services
- Config and Storage

#### Workload Status

Running: 1 Deployments      Running: 1 Pods      Running: 4 Replica Sets

#### Deployments

Name	Images	Labels	Pods	Created ↑
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eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdqf48df0im8lc17sg/service/#/service?namespace=default

kubernetes default Search

### Service > Services

- Workloads
- Cron Jobs
- Daemon Sets
- Deployments
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- Pods
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#### Services

Name	Labels	Type	Cluster IP	Internal Endpoints	External Endpoints	Created ↑
expense-tracker	-	NodePort	172.21.51.231	expense-tracker:5000 TCP expense-tracker:30996 TCP	-	16 hours ago
kubernetes	Show all	ClusterIP	172.21.0.1	kubernetes:443 TCP kubernetes:0 TCP	-	19 hours ago

https://eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdqf48df0im8lc17sg/service/#/service/default/expense-tracker?namespace=default