

## DOCKER INSTALLATION

The image shows the Docker Desktop application window and a terminal window. The Docker Desktop window displays the 'Containers' tab with a sidebar on the left containing 'Containers', 'Images', 'Volumes', 'Dev Environments', and 'Extensions'. The main area is titled 'Run a Sample Container' and provides instructions to run a container by copying and pasting the command `docker run -d -p 80:80 docker/getting-started` into a terminal. Below this, there are guides for Redis and NGINX. The bottom status bar shows 'RAM 2.07GB', 'CPU 0.25%', and 'Not connected to Hub'. The terminal window shows the command `$docker` and its usage, options, and project details. The terminal output includes a list of options and their descriptions, and a table showing the progress of two tasks: 'Install IBM Cloud CLI' and 'Docker CLI Installation'.

**Docker Desktop Interface:**

- Containers
- Images
- Volumes
- Dev Environments
- Extensions
- Add Extensions

**Run a Sample Container**

Try running a container: Copy and paste this command into your terminal and then come back

```
docker run -d -p 80:80 docker/getting-started
```

Explore more in the Docker Docs

**Guides**

- Redis
- NGINX

**Terminal Output:**

```
$docker
Usage: docker [OPTIONS] COMMAND
A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "/home/malles/.docker")
  -c, --context string  Name of the context to use to connect to the
                        daemon (overrides DOCKER_HOST env var and
                        default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level
                        ("debug"|"info"|"warn"|"error"|"fatal")
                        (default "info")
  --tls                Use TLS; implied by --tlsverify
  --tlscacert string    Trust certs signed only by this CA (default
                        "/home/malles/.docker/ca.pem")
  --tlscert string       Path to TLS certificate file (default
                        "/home/malles/.docker/cert.pem")
  --tlskey string        Path to TLS key file (default
```

**Task Progress:**

TASK	PROGRESS	MENTOR REVIEW
TSR-21441	Install IBM Cloud CLI	
TSR-21442	Docker CLI Installation	