Introduction to Microservices

M4: Glossary – Create and Deploy Microservices

Term	Definition
ASGI	Asynchronous Server Gateway Interface - web server interface to call microservice asynchronously
Buildpack	Contains executables to perform tasks such as inspecting source code, creating a build plan, or executing the build plan to produce a container image
CaaS	Containers as a Service
Code Engine	Abstracts the operational burden of building, deploying, and managing workloads so that developers can focus on code development
Container	A standalone, all-inclusive, and executable unit of software packaged with libraries, dependencies, and runtimes
Container image	An immutable file containing all the application assets like source code, libraries, and dependencies necessary for an application to run
Docker	A software platform for building and running applications as containers
Dockerfile	A text file that includes all the commands to build a docker container image
IBM Cloud CLI	IBM Cloud command line interface
IBM Cloud Console	A well-designed web portal for end users to conveniently manage their IBM cloud services, including the Code Engine
Job	Runs executable code one time and exits
PaaS	Platform as a Service
Repository	A group of related container images
TCP	Transmission Control Protocol
TLS	Transport Layer Service
WebSocket	A communication protocol based on Transmission Control Protocol
WSGI	Web Server Gateway Interface - Python standard for communication between web servers and web applications or microservices