Uses automated rollouts and rollbacks to deploy and manage containers, scales services up or down automatically based on utilization and monitors the health of services to prevent bad rollouts are characteristics of what type of system?

Kubernetes

Kubernetes characteristics include but are not limited to using automated automated rollouts and rollbacks to deploy and manage containers, scaling services up or down automatically based on utilization and monitoring the health of services to prevent bad rollouts.

What are the building blocks of serverless architecture?

Actions

Actions are the building blocks of serverless architecture.

What is a feature of OpenShift?

OpenShift issues quarterly releases with the latest being 4.4 based on 1.17 is considered a feature of OpenShift.

What type of platform is the IBM Cloud Functions offering?

FaaS

IBM Cloud Functions is a Functions-as-a-Service (FaaS) programming platform.

What is a characteristic of a container?

A container is a package that contains application source code dependencies, like runtimes, binaries, libraries, and data.

Fill in the blank.

A \_\_\_\_\_\_ is configured to communicate with a specific Kubernetes cluster.

Container.

A container is configured to communicate with a specific Kubernetes cluster.

Fill in the blank.

Kubernetes is an open source container orchestration project that simplifies everything associated with deploying and managing \_\_\_\_\_\_.

Containers

Kubernetes is an open source container orchestration project that simplifies everything associated with deploying and managing containers.

Can run uniformly inconsistent across any platform or cloud, share the host OS kernel increasing speed and inefficiency and provides increased security and isolation are benefits of what cloud component?

Containers

Containers can run uniformly inconsistent across any platform or cloud, share the host OS kernel increasing speed and inefficiency and provides increased security and isolation.

Refers to building and running applications that do not require server management, enables a simpler, more cost-effective way to build and operate cloud-native applications and describes a finer grade deployment model where applications are bundled as one or more functions are characteristics of what type of computing?

Serverless computing

Serverless computing characteristics include but are not limited to building and running applications that do not require server management, enabling a simpler, more cost-effective way to build and operate cloud-native applications and is a finer grade deployment model where applications are bundled as one or more functions.

OpenShift is based on which open source project?

OKD

OpenShift is based on the open source OKD Project.