CKA/CKAD : Complete Certification Guide

Init Container Multi Container

certified

kubernetes

CKA/CKAD : Certification

➢ **init container** is the one that starts and executes before other containers in the same Pod.
  ○ Init Container meant to perform initialization logic for the main application hosted on the Pod.
  ○ Init containers are started and executed in sequence. An init container is not invoked unless its predecessor is completed successfully.
  ○ If any of the init containers fail, the whole Pod is restarted (unless you set restartPolicy to Never). Restarting the Pod means re-executing all the containers again including any init containers.
  ○ An init container is a good candidate for delaying the application initialization until one or more dependencies are available.
  ○ Init containers cannot use health and readiness probes as application containers do. The reason is that they are meant to start and exit successfully, much like how Jobs and CronJobs behave.

Init Container Pattern

Application

InitContainer
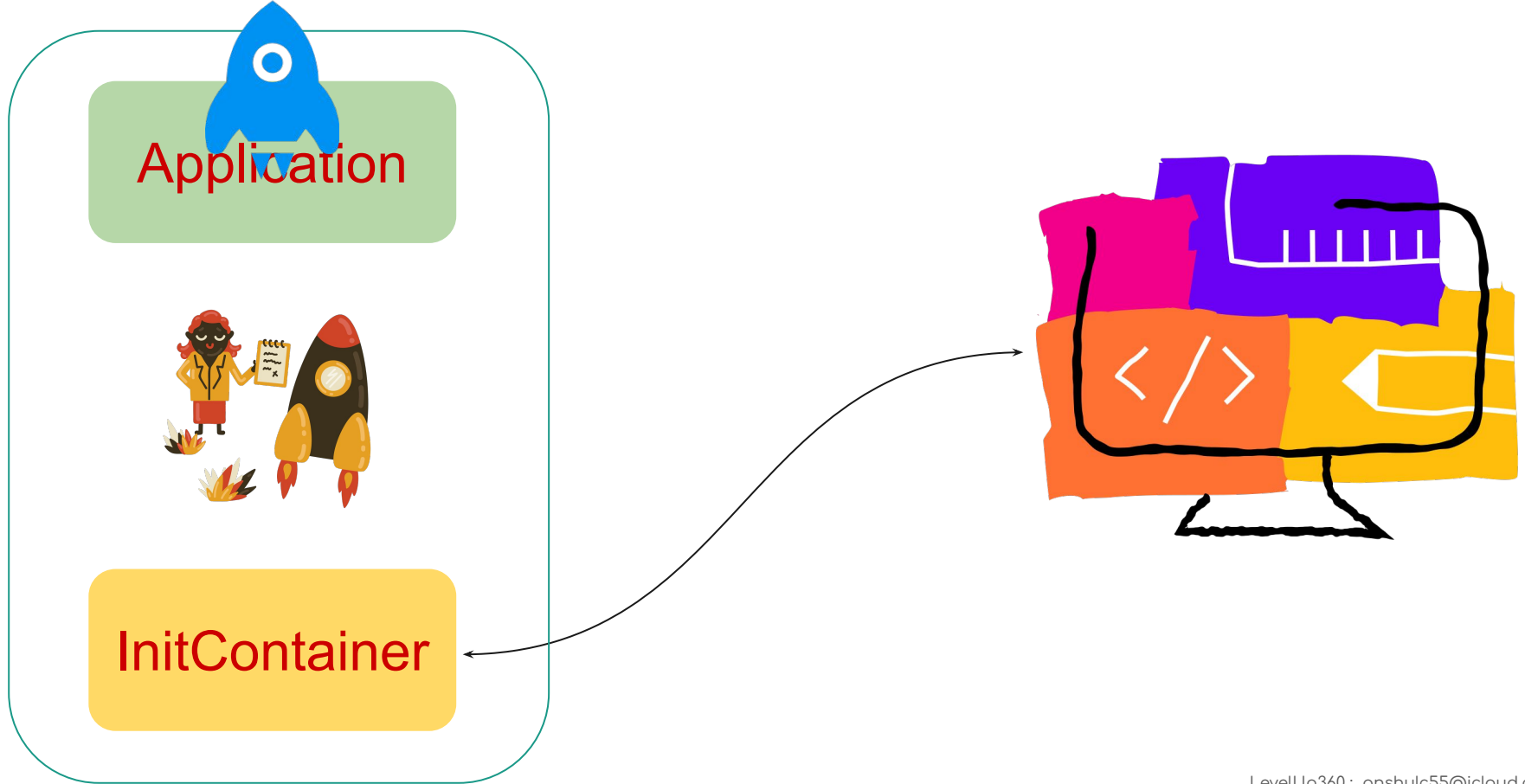
Thank You...

Don't be the Same! Be Better!!!

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