4.3~4.7. ReplicaSet, DeamonSet, Job, CronJob

https://s3-us-west-2.amazonaws.com/secure.notion-static.com/86c148c2-4cc7-4e7c-bf3b-48787b1cb843/ReplicaSet_DaemonSet_Job_CronJob-.pptx

실습 예제

- Pod

  https://kubernetes.io/examples/pods/pod-rs.yaml

- ReplicaSet

  https://kubernetes.io/examples/controllers/frontend.yaml

아래부터는 교재의 예제 사용

- DaemonSet

  https://raw.githubusercontent.com/luksa/kubernetes-in-action/master/Chapter04/ssd-monitor-daemonset.yaml

- Job
  - batch-job.yaml

    https://raw.githubusercontent.com/luksa/kubernetes-in-action/master/Chapter04/batch-job.yaml

  - multi-completion-batch-job.yaml

    completion항목이 추가됨

    https://raw.githubusercontent.com/luksa/kubernetes-in-action/master/Chapter04/multi-completion-batch-job.yaml

    pod 1개씩 차례로 실행됨-총5개

- multi-completion-parallel-batch-job.yaml

  parallellism항목이 추가됨

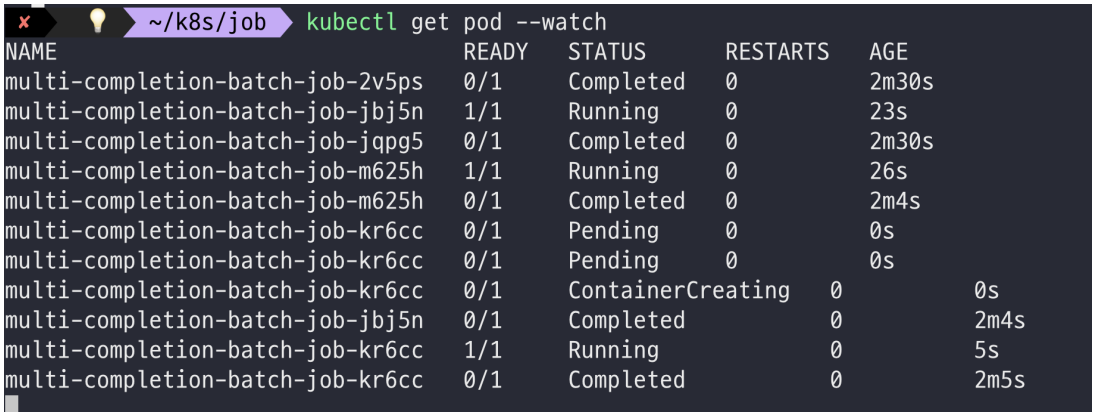
  https://raw.githubusercontent.com/luksa/kubernetes-in-action/master/Chapter04/multi-completion-parallel-batch-job.yaml

  pod 2개씩 차례로 실행됨-총 5개

  +실시간 상태 확인

  ```
  kubectl get pod --watch
  ```

  Peding-ContainerCreating-Running-Terminating-Completed 순으로 상태가 변경됨



- CronJob

  https://raw.githubusercontent.com/luksa/kubernetes-in-action/master/Chapter04/cronjob.yaml

  CronJob → Job → pod순으로 생성

  - schedule format: 분 시 일 월 요일
    - 요일: 0 → 일요일
  - spec.startingDeadlineSeconds: n
    - 스케줄시간 후 n초 안에 시작되어야함

- spec.backoffLimit
  - job을 실패했다고 하기 전에 얼마나 다시 try할지 설정
  - default: 6