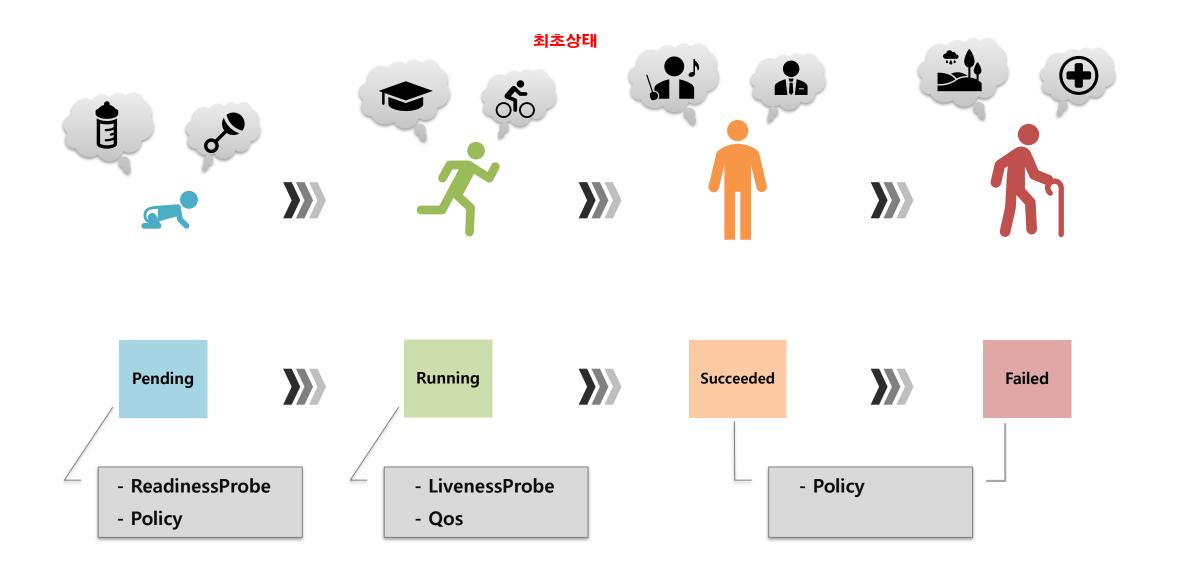
1. Pod - Lifecycle



1. Pod - Lifecycle

status: phase: Pending conditions: - type: Initialized status: 'True' lastProbeTime: null lastTransitionTime: '2019-09-26T22:07:56Z' - type: PodScheduled status: 'True' lastProbeTime: null lastTransitionTime: '2019-09-26T22:07:56Z'

- type: ContainersReady status: 'False' lastProbeTime: null lastTransitionTime: '2019-09-26T22:08:11Z'

reason: ContainersNotReady

- type: Ready status: 'False' lastProbeTime: null

lastTransitionTime: '2019-09-26T22:08:11Z'

reason: ContainersNotReady

containerStatuses:

- name: container

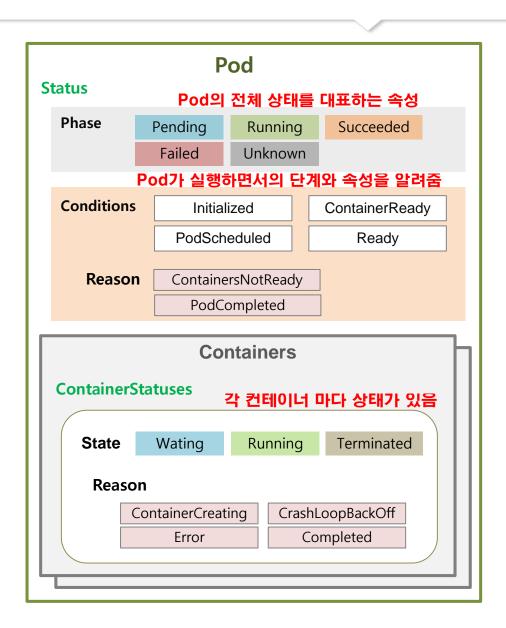
state: waiting:

reason: ContainerCreating

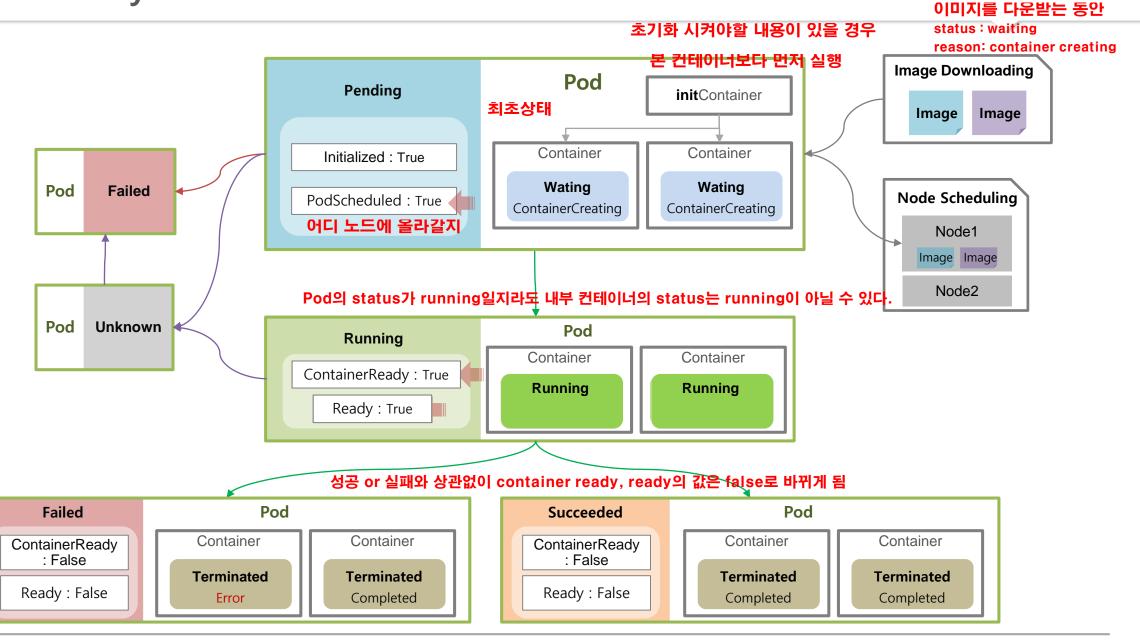
lastState: {} ready: false restartCount: 0 image: tmkube/init

imageID: " started: false

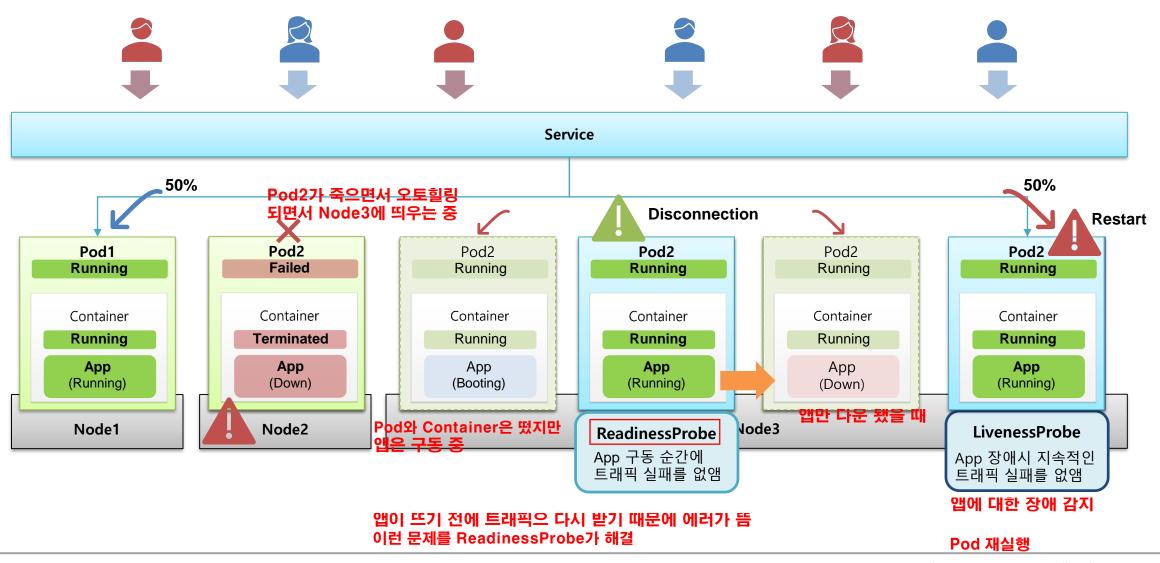
status가 false일 경우 reason이 추가됨

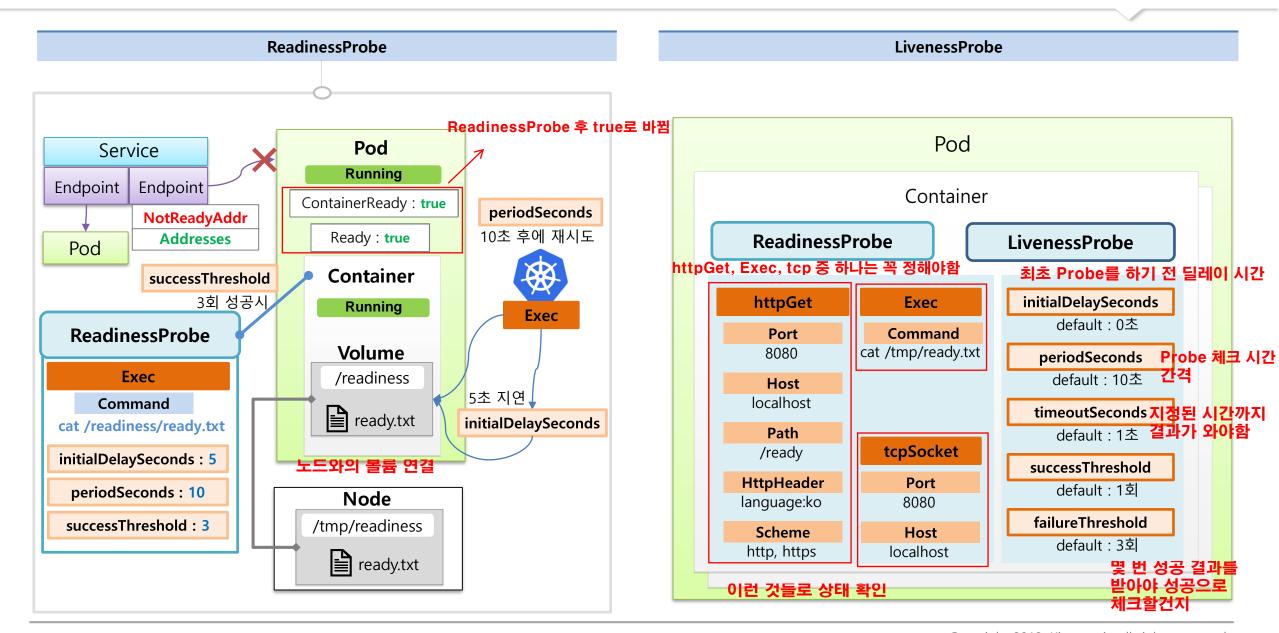


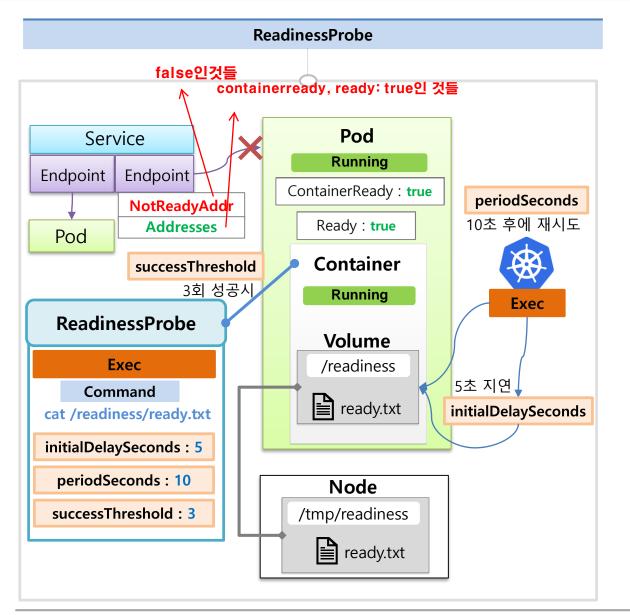
1. Pod - Lifecycle

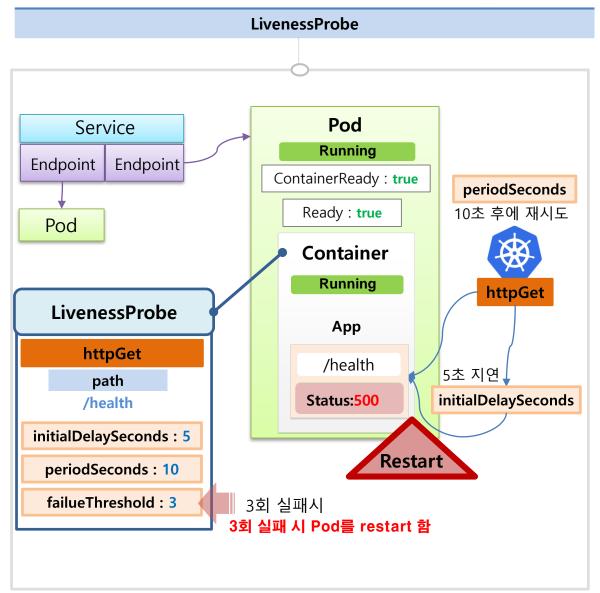


- Pod (ReadinessProbe, LivenessProbe)



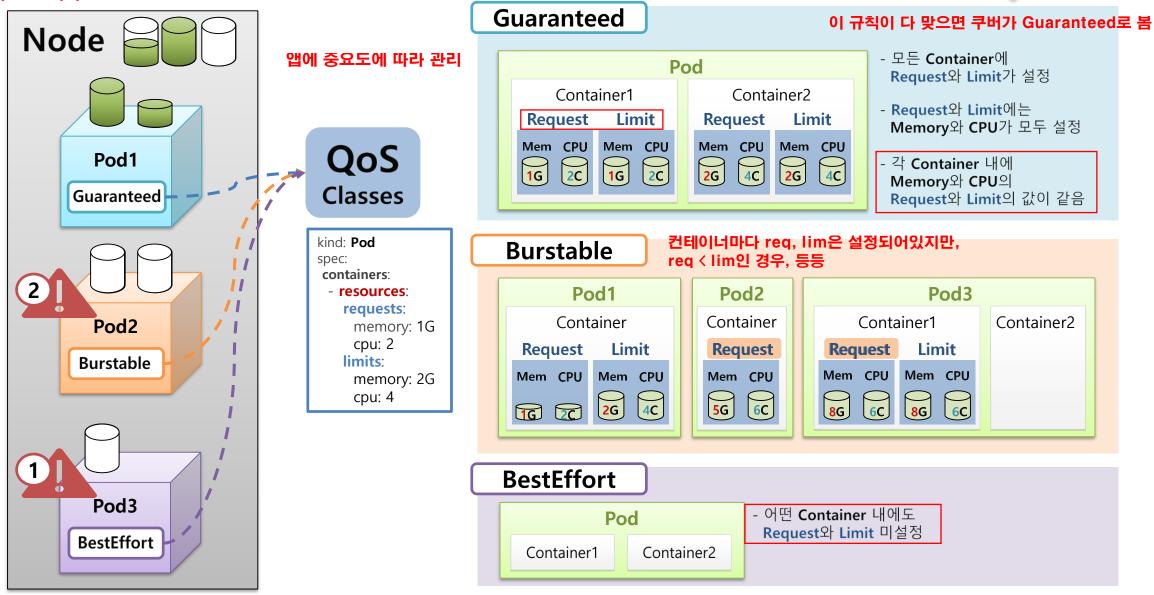




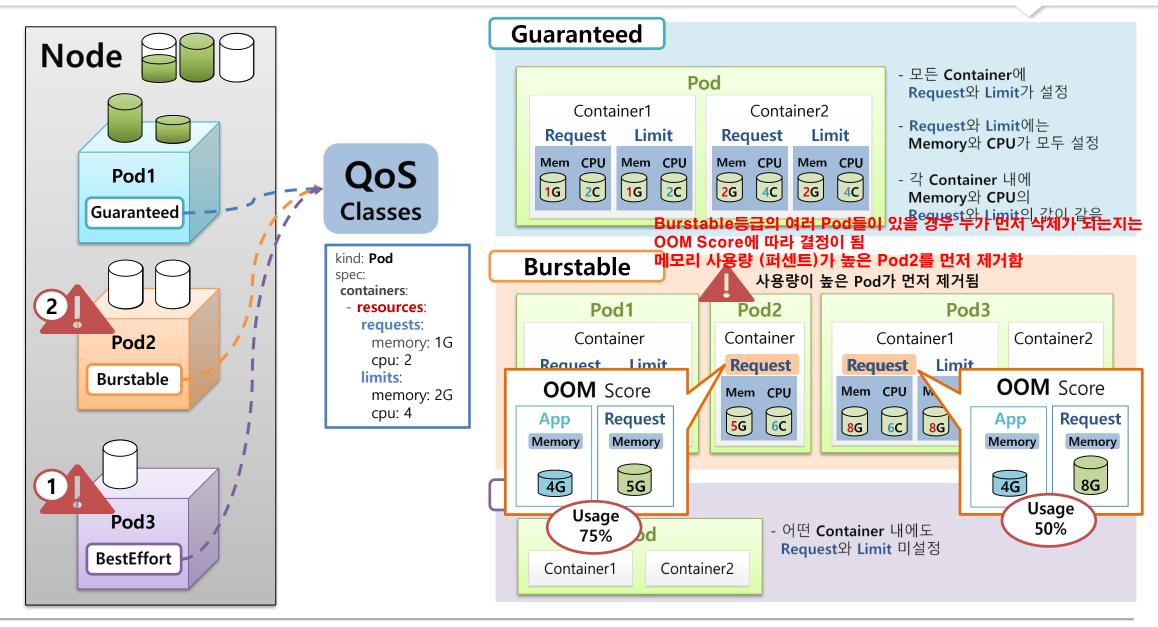


- QoS classes (Guaranteed, Burstable, BestEffort)

퀄리티 오브 서비스

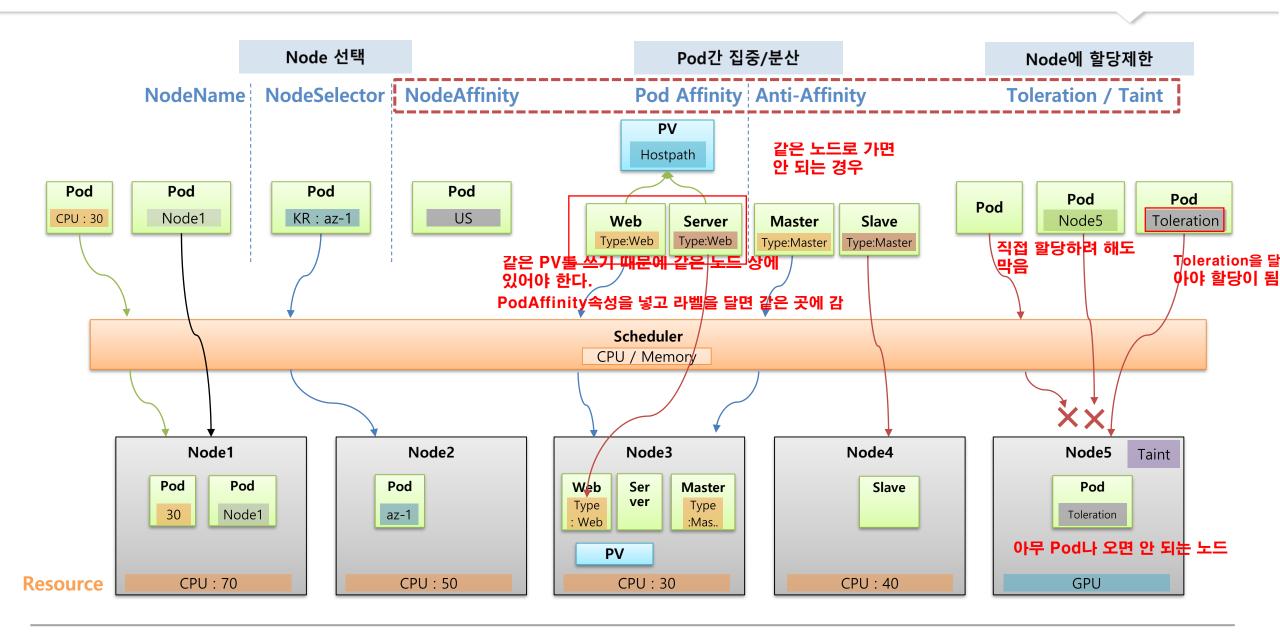


- QoS classes (Guaranteed, Burstable, BestEffort)

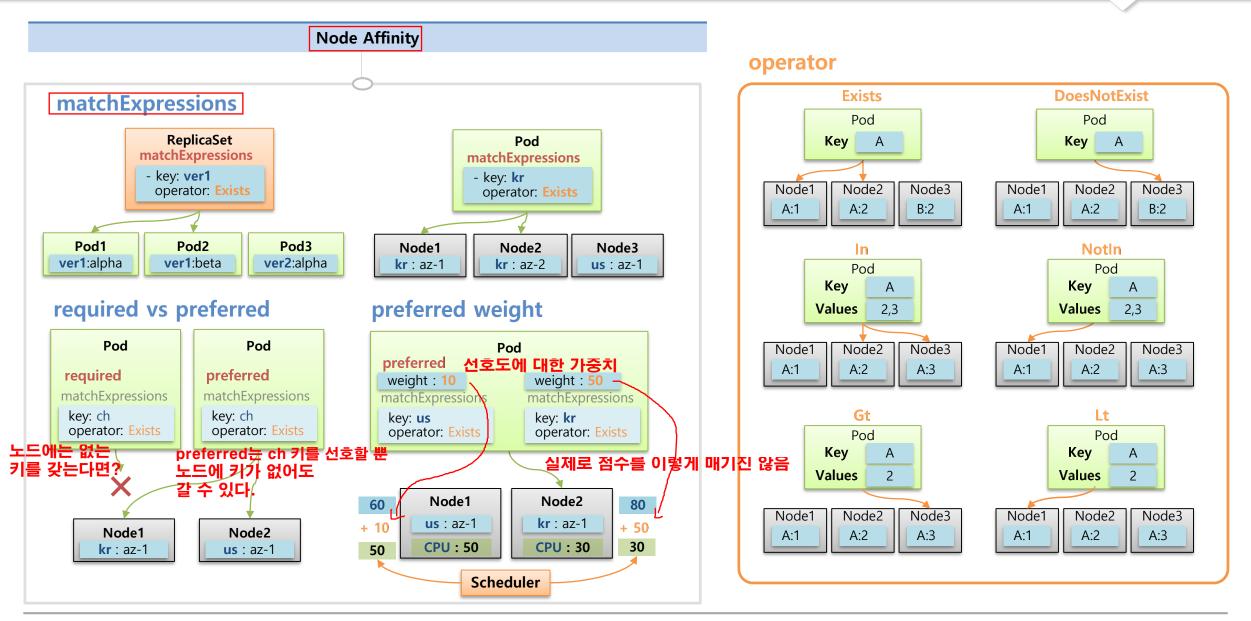


- Pod (Node Scheduling) 조건에 맞지 않다면 스케줄러가 판단해서 자원이 많은 노드에 Node 선택 할당되도록 옵션 줄 수 있다. NodeName NodeSelector NodeAffinity Pod Affinity Anti-Affinity **Toleration / Taint** 매칭이 되는 노드가 없다면 아무데도 할당 안 됨 키만 있어도 가능 (잘 사용 안 함) 명시적으로 바로 할당함 Pod Pod Pod Pod Pod KR : az-2 Node1 US CH CPU: 30 이걸 해결하기 위해 NodeAffinity Scheduler CPU / Memory Node1 Node2 Node3 Node4 Node5 Pod Pod Pod Pod Pod Pod СН Node1 az-2 US az-1 Label KR: az-1 KR: az-1 KR: az-2 US: az-1 US: az-2 CPU: 70 **CPU: 30** CPU: 50 CPU: 30 Resource CPU: 50

- Pod (Node Scheduling)



- Pod (Node Scheduling)



- Pod (Node Scheduling)

Toleration이 있다고 Node1에 가는게 아니라 Node1에 갔을 때 Toleration이 있어야 할당이 되는거임. 따라서 nodeSelector를 달 아야 Node1에 ㅇ확정으로 갈 수 있음

