

Orchestrator - Feature #44875

mgr/rook: PlacementSpec to K8s POD scheduling conversion

04/01/2020 09:59 AM - Sebastian Wagner

Status: Fix Under Review	% Done: 0%
Priority: High	
Assignee:	
Category: mgr/rook	
Target version:	
Source:	Reviewed:
Tags:	Affected Versions:
Backport:	Pull request ID: 35542

Description

<https://kubernetes.io/docs/reference/generated/kubernetes-api/v1.18/#affinity-v1-core>

orch -> k8s

```
from kubernetes.client import V1Affinity
def placement_spec_to_k8s(spec: PlacementSpec) -> Tuple[int, V1Affinity]:
    """
    - node list
    - labels
    - count (?)
    - all nodes?
    - host glob?
    """
```

k8s Rook CR -> orch:

1. parse any CR we generated fro generate_k8s_placement()
2. show when we don't understand the placement
ceph orch ls should say "<opaque>" or "?" if we can't parse it
3. maybe parse other common CRs (e.g., ones from rook examples dir)

Anything that can be added to the PlacementSpec which is often used by Rook?

History

#1 - 04/07/2020 12:39 PM - Sebastian Wagner

- Description updated

#2 - 06/09/2020 03:28 PM - Sebastian Wagner

- Priority changed from Normal to High

#3 - 06/15/2020 03:04 PM - Sebastian Wagner

- Pull request ID set to 35542

#4 - 06/18/2020 12:36 PM - Sebastian Wagner

- Status changed from New to Fix Under Review