



- 1 The Rok CSI Node (running on each node) periodically issues command to the LVM to retrieve the free storage on the Rok VG.
- 2 The LVM will get the **free** and the **max** storage capacity of the Rok VG.
- 3 The Rok CSI Node will calculate the storage needed for metadata of the free and the max space. The reported free capacity will be equal to the available space on the VG reduced by the amount of space needed for metadata of the system.
- 4 The Rok CSI Node will update the Node object on the API Server with the ``rok.arrikto.com/capacity`` annotation to indicate the space available for volumes and the ``rok.arrikto.com/max-instance-capacity`` label to indicated the max capacity the node has.