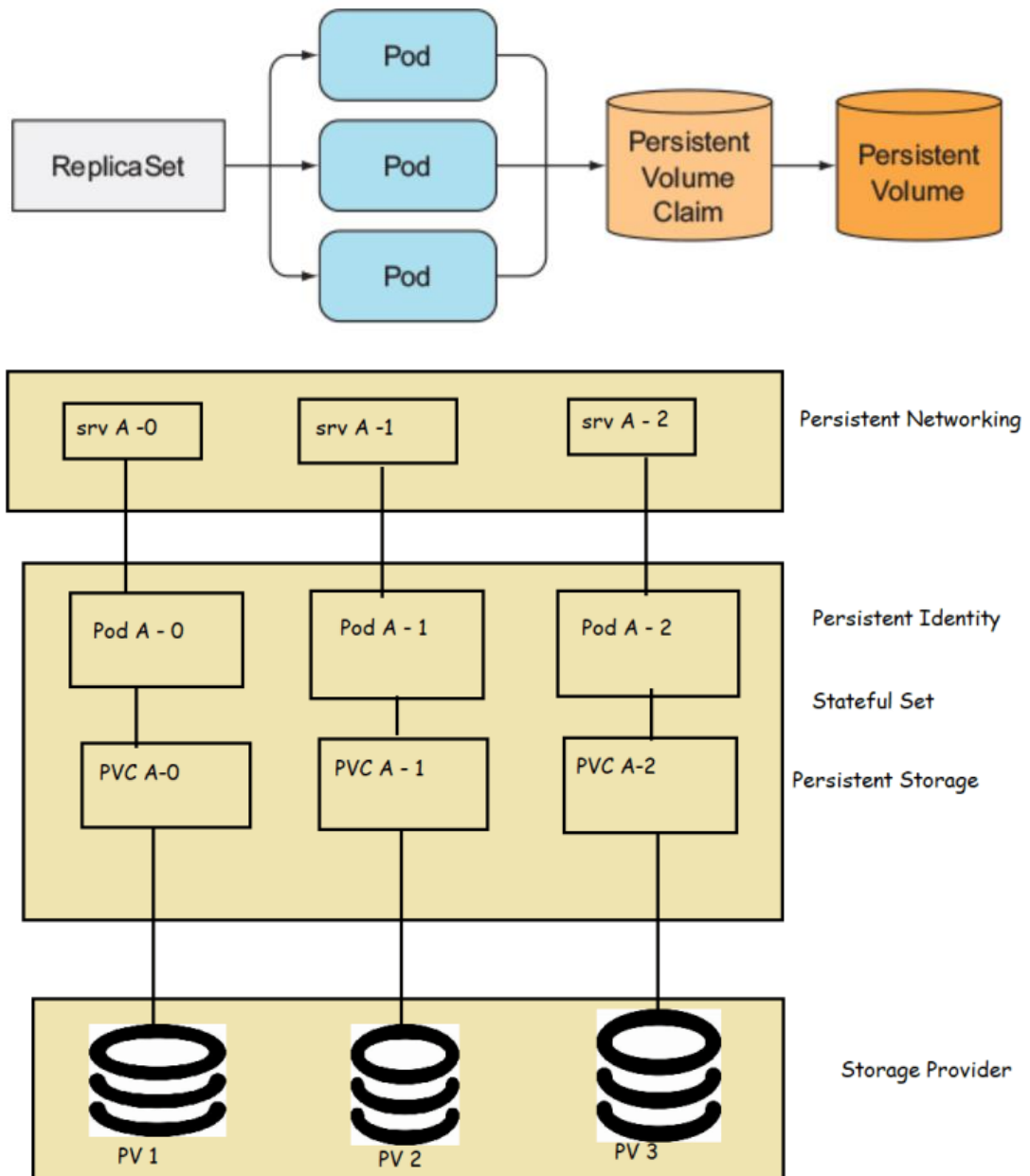1) In Replica set all pod have 1 PV whereas StatefulSets all will have own pvc.

Note **All pods from the same ReplicaSet always use the same PersistentVolumeClaim and PersistentVolume.**

2) All application wants to sync each other replica set whereas no sync needed in stateful sets.

StatefulSet	Deployment
Used to deploy stateful applications	Used to deploy stateless applications
Pods created by StatefulSets have unique names which remain constant across application rescheduling.	Pods created by Deployment have dynamic, random names and numbers that change across application rescheduling.
Its Pods are created in sequential order and deleted in reverse, sequential order.	Its Pods are created and deleted randomly.
Its Pods are not interchangeable and maintain their identities after restarts.	Its Pods are interchangeable and do not maintain their identities after restarts.
It does not allow shared volume. Thus, each Pod replica has its own sticky Volume and PersistentVolumeClaim.	It allows shared volume via Volume and PersistentVolumeClaim across all of the Pod replicas.
Replication is complex	Replication is easier