

general etcd troubleshooting

oc get nodes

Are all nodes up?

oc get pods -n openshift-etcd

Are etcd-master-\* pods all in a ready state?

access a pod and check health and status: oc rsh -n openshift-etcd -c etcdctl etcd-master-\*

Is there a leader?

Are health checks passing

Leader+all Pods healthy, alert should clear

Investigate failed nodes  
[oc describe node/<namednode>](#)

[Investigate failed pods](#)

Resolve Node Issues

rsh to an etcd pod to determine the following

```
oc get pods -n openshift-etcd
oc rsh -n openshift-etcd -c etcdctl <pod>
etcdctl endpoint status --write-out=table
```

oc get nodes

List the pods in the openshift-etcd project  
oc get pods -n openshift-etcd

access a pod in the project to troubleshoot if required:  
oc rsh -n openshift-etcd -c etcdctl etcd-master-\*  
To check members and member health, the following can be run in the container:

- etcdctl member list --write-out=table
- etcdctl endpoint status --write-out=table
- etcdctl endpoint health --write-out=table

Search project for events:  
oc project openshift-etcd  
oc get events --sort-by=.metadata.creationTimestamp

View pod logs to troubleshoot:  
oc logs -c etcdctl etcd-master-\*  
oc logs -c etcd-metrics etcd-master-\*

3 common problems which present etcd errors:

1. network latency
2. insufficient node resources
3. slow disk I/O