Misconfigure ETCD connection

Change the existing Apiserver manifest argument to: --etcd-servers=this-is-very-wrong .

Check what the logs say, **without using anything in** /var .

Fix the Apiserver again.

Log Locations

Log locations to check:

* /var/log/pods
* /var/log/containers
* crictl ps + crictl logs
* docker ps + docker logs (in case when Docker is used)
* kubelet logs: /var/log/syslog or journalctl

The Apiserver manifest contains errors

Make sure to have solved the previous Scenario [Apiserver Crash](https://killercoda.com/killer-shell-cka/scenario/apiserver-crash" \t "_blank).

The Apiserver is not coming up, the manifest is misconfigured in 3 places. Fix it.

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Issues

For your changes to apply you might have to:

1. move the kube-apiserver.yaml out of the manifests directory
2. wait for the apiserver container to be gone (watch crictl ps )
3. move the manifest back in and wait for apiserver coming back up

Some users report that they need to restart the kubelet (service kubelet restart ) but in theory this shouldn't be necessary.

Solution 1

The kubelet cannot even create the Pod/Container. Check the kubelet logs in syslog for issues.

cat /var/log/syslog | grep kube-apiserver

There is wrong YAML in the manifest at metadata;

Solution 2

After fixing the wrong YAML there still seems to be an issue with a wrong parameter.

Check logs in /var/log/pods.  
Error: Error: unknown flag: --authorization-modus.  
The correct parameter is --authorization-mode.  
Solution 3

After fixing the wrong parameter, the pod/container might be up, but gets restarted.

Check container logs or /var/log/pods, where we should find:

Error while dialing dial tcp 127.0.0.1:23000: connect:connection refused

Check the container logs: the ETCD connection seems to be wrong. Set the correct port on which ETCD is running (check the ETCD manifest)

It should be --etcd-servers=https://127.0.0.1:2379

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