**CKA LAB PART 6 – CLUSTER MAINTENANCE**

**Lab 1 -Cluster Upgrades**

Upgrade a Kubernetes cluster running a previous version to the latest version

• Upgrade the kubeadm binary

• Assess the upgrade path that kubeadm has provided

• Note down the command to execute the upgrade

• Upgrade kubelet on all the nodes

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**Lab 2 - Cluster Upgrades - OS Upgrades**

• Gracefully remove a node from active service

o Verify the node has scheduling disabled

• Gracefully return a node into active service

o Verify the node has scheduling enabledA screenshot of a computer

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**Lab 3 - Back up etcd**

• Take a snapshot of the etcd database

• Verify the snapshot

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**Lab 4 - Back up Kubernetes certificates**

• Tarball the k8s certificate directory

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