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| **DOCUMENT RULES:** | |
| **Task name** | **Kubernates** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)*** |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |
| **Group name:** | Dev\_ops\_1 |
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| **Task names** | **Command steps and outputs** |
| **Install the customised K8s Dashboard YAML:** | kubectl apply -f /root/dashboard.yaml  kubectl -n kubernetes-dashboard wait --for=condition=ready pod –all  Text  Description automatically generated |
| **The modifications here were these arguments:** | args:  - --namespace=kubernetes-dashboard  - --enable-skip-login  - --disable-settings-authorizer  - --enable-insecure-login  - --insecure-bind-address=0.0.0.0 |
| **and an updated service YAML:** | kind: Service  apiVersion: v1  metadata:  labels:  k8s-app: kubernetes-dashboard  name: kubernetes-dashboard  namespace: kubernetes-dashboard  spec:  ports:  **- port: 9090**  **targetPort: 9090**  selector:  k8s-app: kubernetes-dashboard |
| **Create a ServiceAccount and use the token:** | *kubectl -n kubernetes-dashboard create sa admin-user*  *kubectl create clusterrolebinding admin-user --clusterrole cluster-admin --serviceaccount* kubernetes-dashboard:admin-user  *kubectl -n kubernetes-dashboard create token admin-user*  Text  Description automatically generated |
| **Next we need to run port-forward:** | kubectl -n kubernetes-dashboard port-forward service/kubernetes-dashboard 9090:9090 --address 0.0.0.0 |
| **It should print something like:** | **eyJhbGciOiJSUzI1NiIsImtpZCI6IiJ9..Z2JrQlitASVwWbc-s6deLRFVk5DWD3P\_vjUFXsqVSY10pbjFLG4njoZwh8p3tLxnX\_VBsr7\_6bwxhWSYChp9hwxznemD5x5HLtjb16kI9Z7yFWLtohzkTwuFbqmQaMoget\_nYcQBUC5fDmBHRfFvNKePh\_vSSb2h\_aYXa8GV5AcfPQpY7r461itme1EXHQJqv-SN-zUnguDguCTjD80pFZ\_CmnSE1z9QdMHPB8hoB4V68gtswR1VLa6mSYdgPwCHauuOobojALSaMc3RH7MmFUumAgguhqAkX3Omqd3rJbYOMRuMjhANqd08piDC3aIabINX6gP5-Tuuw2svnV6NYQ** |
| **Now use the printed token in the terminal to log into:** | [ACCESS DASHBOARD](https://343bb589-b0b3-4c28-977d-d9ee575bc323-10-244-6-113-9090.spch.r.killercoda.com/) or [ACCESS PORTS](https://killercoda.com/scenario/traffic/7e72d92c-4611-4055-88af-4e57ba7c4a8f) |
| **Click the Sign in button and that's it. You are now logged in as an admin.** |  |
| **Create** **a** **pod** **called** my-pod **of image** nginx:alpine | k run my-pod --image=nginx:alpine |
| **Delete the pod called** my-pod | k delete pod my-pod |