**Lesson 6 Demo 9**

**Adding Entries to pod/etc/hosts with HostAliases**



Steps to be followed:

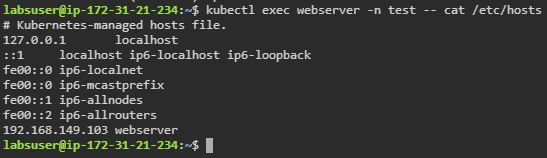
1. Adding entries to resources with host aliases

**Step 1: Adding entries to resources with host aliases**



1. Get Default hosts for the pod **webserver** that we created earlier

***kubectl exec webserver -- cat /etc/hosts***



1. Create a config file with additional aliases

***vi hostaliases.yaml***

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1. Add the following code in the config file:

***apiVersion: v1***

***kind: Pod***

***metadata:***

***name: hostaliases-pod***

***spec:***

***restartPolicy: Never***

***hostAliases:***

***- ip: "127.0.0.1"***

***hostnames:***

***- "foo.local"***

***- "bar.local"***

***- ip: "10.1.2.3"***

***hostnames:***

***- "foo.remote"***

***- "bar.remote"***

***containers:***

***- name: cat-hosts***

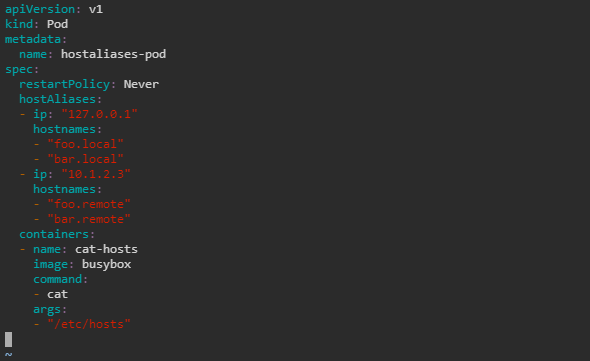
***image: busybox***

***command:***

***- cat***

***args:***

***- "/etc/hosts"***



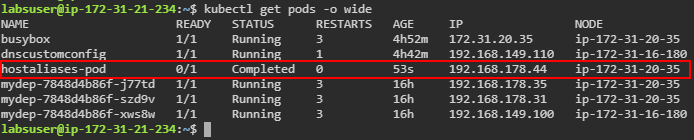
1. Create the hostaliases-pod using the following command:

***kubectl apply -f hostaliases.yaml***



1. Check the newly created pod and its **Status**

***kubectl get pod -o wide***



1. Use the following command to check the pod logs:

***kubectl logs hostaliases-pod***

