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| **Sl. No** | **Test case description** | **Expected result** |
|  | User should be able to create containers by issuing the command to create container. | While running the docker status commands the created container should be listed. |
|  | Users should be able to attach containers to particular MACVLAN network by issuing the command to attach the container to a MACVLAN network. | While running the docker status commands the created container should be attached to the given MACVLAN network. |
|  | User should be able to view policies by issuing the viewPolicy command to view all the policies. | All the policies implemented should be displayed to the users. |
|  | User should be able to update policies by issuing the updatePolicy command to view all the policies | User should be shown a successful message if there are no conflicts or else show error message. |
|  | User should be able to add new policy by issuing the addPolicy command to view all the policies. | User should be shown a successful message if there are no conflicts or else show error message. |
|  | User should be able to delete policy by issuing the deletePolicy command to view all the policies | User should be shown a successful message after deleting the policy or else show error message. |
|  | Pushing the policy rule from GUI | Should return the policy information the user provided |
|  | Call getParamValue method from QoS server | Should return the value of the parameter passed to the method (such as bandwidth) |
|  | Call setParamValue method from QoS server | Should set the parameter with the value passed |
|  | Pushing the flow rules to open-v-switch  Get the flow rules from the switch using ovs-ofctl command. | Should return the same flow stats that are pushed. |
|  | Storing the policy rules in the controller. Push the policy rule which is conflicting with the existing policy. | Should return an error to the user |
|  | Setting VLAN priority using open flow messages. | Should set the VLAN priority to the packets. |
|  | When getConfigParam method in QoS client in OVS is called | Should return the updated flow entries in the flow tables. |
|  | When getParamValue method in QoS client in OVS is called | Should return the value of the required property like priority or bandwidth. |