Standard Operating Procedure

*Pods Volume Mount Issue*

## PURPOSE

The purpose of this standard operating procedure (SOP) is to provide a detailed step-by-step procedure to fix pods volume mount issue.

## PROCEDURE

1. Go into a project

oc get project

oc project <project name>

1. Check for pvc applied to particular service.

oc get dc

oc describe dc/<dc of application>

1. Check for nfs assigned to pvc.
2. Check for pvcs under volumes section of dc by describing pvc.

oc get pvc

oc describe pvc/<pvc name>

1. Check for pvs on under volumes parameters of pvc.

oc get pv

oc describe pv/<pv name>

It will show server IP and path.

1. Validate server, path should be returned

showmount –e <ip address> | grep -i <path>

1. Check that file system is noted properly for that pod

oc get po | grep -i <app> returns <app name>

oc rsh po/<app name>

1. Check nfs servers are reachable.

telnet <server ip> <port>

1. Escalate to Linux team if nfs is not reachable since volume mount issue occurs when nfs becomes unreachable or nfs service hanged.

## VALIDATION

Follow the validation steps in “Procedure”.

**Document Version Control**

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