Standard Operating Procedure

*Network File System (NFS) Troubleshooting*

## PURPOSE

The purpose of this standard operating procedure (SOP) is to provide a detailed step-by-step procedure for Network File System (NFS) troubleshooting.

## PROCEDURE

1. Check disk space

df -h

If above command is unresponsive, check if nfs is fine.

1. Go to /var/lib/origin/openshift.local.volumes/pods folder in a node as root user
2. Run grep -ir "nfs" \* and look for a line that says

Binary file <file id>/volumes/kubernetes.io~nfs/<pv name>

1. cd <file id> from above
2. ll and check if the <pv name> from above exists. If it exists, then nfs is working fine.
3. Go under / of nodes.
4. Go under / and do du -sh \*
5. Check for directory or files consuming space and act accordingly.
6. For further NFS inquiries, email Toan Huynh from IDEA-Infrastructure Automation-Cloud-Support (Toan.Huynh@marriott.com)

## VALIDATION

Follow the validation steps in “Procedure”.

**Document Version Control**

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