Standard Operating Procedure

*High Load on Application Nodes*

## PURPOSE

The purpose of this standard operating procedure (SOP) is to provide a detailed step-by-step procedure to resolve high load on application nodes that cause pods in error states.

## PROCEDURE

1. Unschedule the application node:

oadm manage-node <node name> --schedulable=false

1. List down the pods on the affected node:

oc get pods --all-namespaces -o wide | grep <node name>

or

oadm manage-node <node name> --list-pods

1. Delete the pods in error state:

oc delete po <pod name> -n <project name>

1. Check if load is coming down on the affected node:

sudo su - svc-vxby-ose or sudo su -  to switch to OSE service account or root account based on the environment

ssh <node name> to login into the affected node

uptime or w to see load average on the node

1. If load is still not coming down then need to restart node, docker and openvswitch services

systemctl restart atomic-openshift-node.service to restart atomic node service

systemctl status atomic-openshift-node.service to check atomic node service status

systemctl restart docker to restart docker service

systemctl status docker to check docker service status

systemctl restart openvswitch.service to restart openvswitch service

systemctl status openvswitch.service to check openvswitch service status

## VALIDATION

Follow the validation steps in “Procedure”.

**Document Version Control**

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