Standard Operating Procedure

*Deletion and Shutdown of OSE Node*

## PURPOSE

The purpose of this standard operating procedure (SOP) is to provide a detailed step-by-step procedure to delete and shutdown an OSE node. **In Prod environment, only evacuate nodes when traffic is removed.**

## PROCEDURE

1. To verify, login to master node and check the status of node:

oc get nodes

1. If the problematic node is not in SchedulingDisabled state, unschedule it:

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

1. Check the node and see if only Fluentd pods (and helloworld) are running. If there are other pods running, evacuate the node:

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

oadm manage-node <node name> --evacuate --grace-period=900

1. Delete the problematic node:

oc delete node <node name>

1. Edit the ansible host file and comment out the removed node:

vi /etc/ansible/hosts

Hash the node name from the node list under [nodes]

Save and exit the file

1. Validate that the deleted node does not show up:

oc get nodes

1. Login to the problematic node, validate that it is the correct node, and shut the node down:

uname -a

init 0

1. Edit $appnodes:

vi .bashrc

Save the file:

source .bashrc

echo $appnodes to confirm

## VALIDATION

Follow the validation steps in “Procedure”.

**Document Version Control**

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