

Issue: Image Streamer Upgrade failed and rollback to previous version. The Rollback breaks the cluster(s)

Customer:
Maricopa County
S & P Global

Recovery Steps:

- Check and Fix Atlas Cluster
If only Atlas Cluster is broken:
use the cic-maintenance-mode command
ENTER → to split cluster
EXIT → re-form cluster
 - a. /ci/bin/cic-maintenance-mode # to get the ETAG value
 - b. /ci/bin/cic-maintenance-mode ENTER \$ETAG # ETAG from previous step //step b splits the cluster, if the nodes are clustered
 - c. /ci/bin/cic-maintenance-mode EXIT # to re-form the cluster
- Check and Fix VSA Cluster taking help from VSA ERT
If only VSA cluster is broken, then get VSA ERT to properly reduce VSA to single node (quorum NOT Configured)
Then use the same recovery Steps (as seen above) rebuild the clusters
- Run all the Image Streamer upgrade pre-checks
- Retry the Image Streamer upgrade.

How to reproduce the issue in the Lab:

Induce one or more below configuration changes and start the upgrade

- Bring one of the VSA VM Down
- FLM : Change Mgmt Port Mode from I3s to Mgmt (em_cli.py)
- FLM : delete the Tagged VLAN Deployment Network (em_cli.py)
- ICM i3s Ports disabled from One View UI
- Pull out the ICM to FLM cable.