Troubleshooting Guide – Add Node

Overview

Using this document:

This first page represents an overview of the troubleshooting process and the various stages you might need to go through. The pages that follow present the process steps in detail.

IMPORTANT!

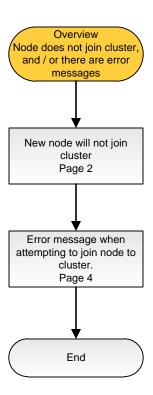
Although you will not need to perform each step in the procedure, you should start at the beginning and perform the steps in order.

IMPORTANT!

If a node is "down" (was previously part of the cluster but can no longer be accessed) or reboots on it's own, go to the <u>Troubleshooting Guide</u> – <u>Node Down or Reboots</u>

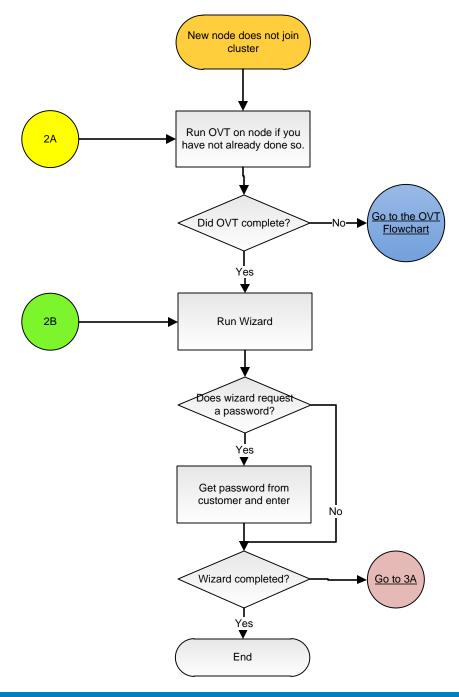
Related Documents:

- Adding nodes to an existing cluster for OneFS 5.5, emc14000059
- Troubleshooting causes for failure to join a node to the cluster in OneFS 5.5.X, emc14000102
- Patches to support firmware package 6.0 on OneFS 5.5.4, 5.5.6, 5.5.7, and 6.0.1, emc14001399
- Nodes unable to join cluster due to merge lock, emc14001029





Node Will Not Join Cluster

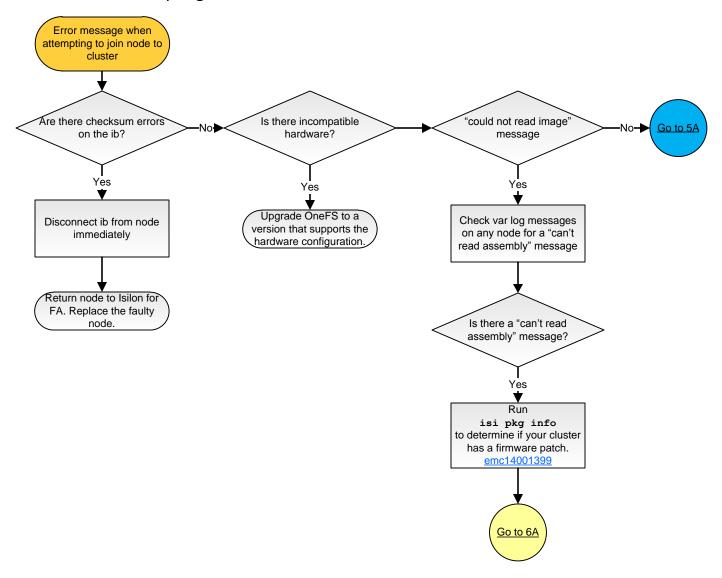




Node Will Not Join Cluster Continued ЗА Check ib switch port Was the cluster listed as the cluster listed re there any other connections. Switch cables Consult coach or SME by the wizard? by the wizard? error messages? if necessary. Yes Yes Go to 3B Go to 2B Run Does the node have isi_for_array -qQ an older OneFS version than the 3B systl On any node in the cluster cluster and auto reimage emc14000059 failed? No Yes is the OneFS version No on the cluster older than the Go into single user mode new node? Yes Record OneFS version of Investigate logged node and cluster. messages to troubleshoot. Reimage the node to the Can you determine the point Consult coach or SME same OneFS version as of failure? the rest of the cluster. Yes Go to 2B Go to 2A

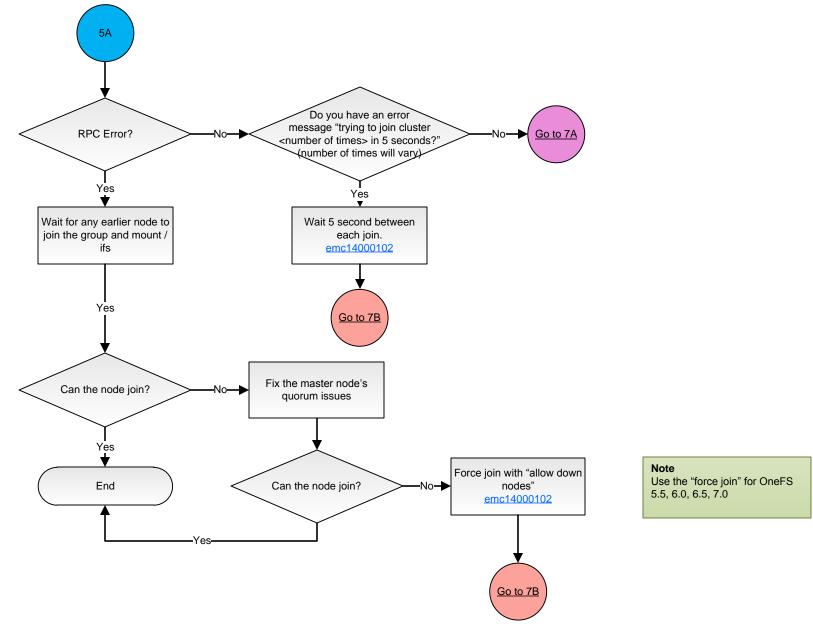


Error Messages Occur When Attempting to Join Node to Cluster





Error Messages Occur When Attempting to Join Node to Cluster Continued



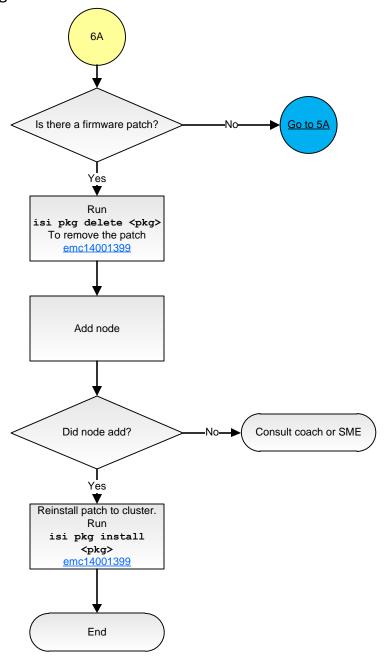


Note

merge.

The node with the lowest array ID in the cluster should run this

Error Messages Occur When Attempting to Join Node to Cluster Continued





Error Messages Occur When Attempting to Join Node to Cluster Continued

