

Episode Title: Manage cluster quorum

Objectives:

At the end of this episode, I will be able to:

1. Plan for quorum witness requirements
2. Determine when to use a quorum witness
3. Configure a quorum witness

Key Points:

Key Point 1

A quorum witness is typically used when the cluster has an even amount of nodes. This prevents "split-brain" scenarios where the cluster gets split with an even number of nodes online but unable to communicate.

Key Point 2

Quorum witnesses should be used in scenarios where the nodes are either distributed or in an even number.

Key Point 3

You can configure a node majority, node and disk majority, or a file share as a quorum witness.

- If additional resources are used during the episode, they can be obtained using the download link on the overview episode (e.g. diagrams, no powerpoints)

External Resources:

If external resources were used during this episode, you can reference the following external resources for supplementary tools and information, if none were used, then this section will be blank:

- Configure and manage quorum
: <https://learn.microsoft.com/en-us/windows-server/failover-clustering/manage-cluster-quorum>