

## Episode Title: Implement a Windows Server failover cluster

### Objectives:

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

1. Explain the benefits of a Windows Server failover cluster
2. Design a failover cluster
3. Deploy a failover cluster

### Key Points:

#### Key Point 1

Failover clusters provide high availability for an application by allowing each node to run the same app.

#### Key Point 2

Nodes in a failover cluster should be the same operating system version and have shared storage.

#### Key Point 3

Perform cluster validation before installing the application or publishing the cluster.

- 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)

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### 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.:

- Failover Clustering in Windows Server  
: <https://learn.microsoft.com/en-us/windows-server/failover-clustering/failover-clustering-overview>