

Episode Title: Configure networking for failover clustering

Objectives:

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

1. Design for networking requirements in failover clusters
2. Explain network interface metrics and priority
3. Plan for load balancing and session affinity

Key Points:

Key Point 1

Failover clusters require several ports to be open and available to communicate between nodes. Ensure that you plan for bandwidth and communication requirements.

Key Point 2

If the nodes in a failover cluster have multiple network cards, ensure that you have configured the correct priority for the NICs to ensure the lowest possible latency.

Key Point 3

Failover clusters might need additional load balancing configuration to distribute the connections across the nodes in 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)

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 hardware requirements and storage options
: <https://learn.microsoft.com/en-us/windows-server/failover-clustering/clustering-requirements>