

Load Balancing Outgoing Email with Exchange Server and Esva Cluster

PROBLEM

How can i load balance outgoing email with Exchange to both nodes of an Esva Cluster?

SOLUTION

A common misconception is that outbound email can be load-balanced for Exchange simply by provisioning two equal cost Send Connectors, routing via a smart host pointing to Libra Esva node for each Send Connector.

Well, this will not work. In this case, Exchange will simply choose the Send Connector with the alphanumerically lower connector name, and will not load balance the outgoing email across both connections, even if the cost of both Send Connector is the same.

The correct way is to deploy a single Send Connector with multiple smart hosts pointing to both Libra Esva cluster nodes.

That way load balancing and fault tolerance are accomplished even for outgoing email traffic.