HOW TO: Configure the nodes and services in a highly available PowerCenter environment to minimize service failover

Solution
In a highly available PowerCenter environment you can configure the nodes and services to minimize failover or to optimize performance.

To minimize service failover, you will need at least two nodes configured as gateway nodes and different primary nodes should be configured for each application service.

The following configuration tips should be taken into consideration:

- Configure the Integration Service and Repository Service to run on multiple gateway nodes
- Configure the primary node for the Integration Service to be the backup node for the Repository Service.
- Configure the Integration Service and Repository Service to run on opposite primary nodes.
- Configure one gateway node as primary node for the Integration Service and as backup node for the Repository Service.
- Configure the other gateway node as primary node for the Repository Service and as backup node for the Integration Service.

For example, in a domain with two gateway nodes, we may configure the Integration service and Repository service in the following manner:

For information on configuring a highly available PowerCenter environment to optimize performance refer to HOW TO: Configure nodes and services in a highly available PowerCenter environment to optimize performance (103024)
PowerCenter High Availability Overview (20485)
HOW TO: Stabilize a PowerCenter Domain in a non optimal environment (109188)
FAQ: What happens when the PowerCenter Domain Configuration Database fails? (17981)

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