

S2D Cluster - Server Manager Data Retrieval Failures Occurred

If you've worked with **Storage Spaces Direct (S2D) clusters**, you might have run into a frustrating issue in **Server Manager**:

“ Online - Data retrieval failures occurred

This message usually shows up under **Manageability** for cluster nodes. It doesn't necessarily mean your cluster is broken, but it does make monitoring painful.

Why does this happen?

Server Manager uses WinRM (Windows Remote Management) to pull data from cluster nodes. By default, WinRM has a limit on the size of messages it can handle. In an S2D cluster with lots of performance counters and data, that limit can get exceeded — leading to retrieval failures.

The Fix

Luckily, the solution is straightforward. You just need to increase the WinRM envelope size on your nodes. Run the following PowerShell command:

```
Set-WSManInstance -ResourceURI winrm/config -ValueSet @{MaxEnvelopeSizekb = "700"}
```

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