

# Dataflow activity failed with error(Cluster creation failed due to an unexpected system error from a runtime related dependency)

Last updated by | Nelson Gomes | Dec 14, 2022 at 6:28 AM PST

## Contents

- [Issue](#)
- [Error](#)
- [Troubleshooting](#)
- [Recommendations](#)

## Issue

Dataflow failed with error Cluster creation failed.

## Error

"ErrorCode":145,"Message":"Internal Server Error in Synapse batch operation: 'Cluster creation failed due to an unexpected system error from a runtime related dependency.'"

## Troubleshooting

Find out the cluster creation exception, FAILED\_CLUSTER\_CREATION, using the following queries.

```
//get ClusterId and ErrorCode: FAILED_CLUSTER_CREATION
```

```
let dataflowRunid="c65ca0f1-ad52-49e4-a66a-49c172d45147";  
cluster('analytics365prod.kusto.windows.net').database('Analytics365SparkPROD').SparkServiceJobEndedEvent  
|where CustomerCorrelationId==dataflowRunid
```

```
// Use ClusterId above to get details about cluster such as error messages  
cluster('analytics365prod.kusto.windows.net').database('Analytics365SparkPROD').cluster_cluster_details("95657
```



## Error message

The system did not find a VHD copy in the system for creating the ClusterName=95657f87-cdaf-4146-b3e7-1d554512  
Microsoft.Analytics.Clusters.Common.ClusterServiceException: The system did not find a VHD copy in the system



## Recommendations

- Check for any outage on ASC that impacted customer during the issue occurrence.
- Check for any outage on Synapse spark side (Azure Synapse Job Service/Core Platform) you can start searching for outages by searching for the keyword FAILED\_CLUSTER\_CREATION Troubleshooting

## Additional information

**IdM reference:** [355138742](#) 

- **Author:** negome
- **Reviewer:**

**How good have you found this content?**

