

Code : Provision_BatchPoolAllocationFailed

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

This means batch cannot create batch pool.

Please DO NOT call SME directly if we see such error. Please try to follow the steps below first.

Open a ticket against batch team to see what was wrong. Using the following Kusto query (replace with operation id you got), you can provide **batch account**, **pool ID**, **node ID**, **node stuck duration** to batch team. Also mentioned we have monitored several failures, this is just one example of them.

For below query, if you have operation Id from TiP, use "*" contains ", and if you get task ID from multiple customer impacted incidents, uses "taskId =="

Execute: [\[Web\]](#) [\[Desktop\]](#) [\[Web \(Lens\)\]](#) [\[Desktop \(SAW\)\]](#) <https://azuredmprod.kusto.windows.net:443/AzureDataMovement>

AisManagementTaskTraceEvent

| where * contains "62e0cf68-6503-43a5-9b31-249744ca3853" or taskId == "2f307f5b-c19f-488a-ab75-1d80fe1dd38cProvision2112127864"

| where message contains "ResizeError" or message contains "mngdirprod"

| project env_time, message

message

Successfully assigned batch account [mngdirprod2]

Resizing Pool 5468bb3b7d394d00bdd402e7c15a0823 failed for ResizeError : Code = [AllocationTimedout], Message = [Desired number of dedicated nodes could not be allocated as the resize timeout was reached]

Action failed. Exception: Microsoft.Azure.IntegrationServices.ManagementTask.Common.Model.ManagementTaskException: Resizing Pool 5468bb3b7d394d00bdd402e7c15a0823 failed for ResizeError : Code = [AllocationTimedout], Message = [Desired number of dedicated nodes could not be allocated as the resize timeout was reached]

at

Microsoft.Azure.IntegrationServices.ManagementTask.Common.Tasks.Provision.CreateBatchPoolAction.CheckPoolReady(BatchPoolHelper batchPoolHelper, String poolId, ProvisionTaskConfiguration provisionConfig) in M:\IMSEAgentAD-066_work\7\s\Product\Source\Everest\BatchTask\ManagementTask\Tasks\Provision\Actions\CreateBatchPoolAction.cs:line 320

at Microsoft.Azure.IntegrationServices.ManagementTask.Common.Tasks.Provision.CreateBatchPoolAction.DoWork() in M:\IMSEAgentAD-066_work\7\s\Product\Source\Everest\BatchTask\ManagementTask\Tasks\Provision\Actions\CreateBatchPoolAction.cs:line 140

at Microsoft.Azure.IntegrationServices.ManagementTask.Common.Tasks.Provision.ProvisionActionBase.Run(Boolean lastRetry) in M:\IMSEAgentAD-066_work\7\s\Product\Source\Everest\BatchTask\ManagementTask\Tasks\Provision\Actions\ProvisionActionBase.cs:line 47

at System.Threading.Tasks.Task.Execute()

--- End of stack trace from previous location where exception was thrown ---

at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw()

at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task)

at Microsoft.Azure.IntegrationServices.Common.RetryHelper.<>c__DisplayClass8_0.<<RetryWithRepeatableError>b_0>d.MoveNext() in M:\IMSEAgentAD-066_work\7\s\Product\Source\Everest\Common\Shared\RetryHelper.cs:line 56

--- End of stack trace from previous location where exception was thrown ---

at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw()

at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task)

at Microsoft.Azure.IntegrationServices.Common.RetryHelper.<RetryWithRepeatableErrorAsync>d__10.MoveNext() in M:\IMSEAgentAD-066_work\7\s\Product\Source\Everest\Common\Shared\RetryHelper.cs:line 108

click batch incident template in [Dependent Azure Services Owners](#) to open ticket against batch team, after batch team resolve the issue, we should auto recover, if TiP is not recovered, contact SME.

How to quickly check if the issue starts to get mitigated?

Replace the region with the outage region. If you can see any record returned, this means the issue starts to get mitigated.

Execute: [\[Web\]](#) [\[Desktop\]](#) [\[Web \(Lens\)\]](#) [\[Desktop \(SAW\)\]](#) <https://azuredmprod.kusto.windows.net:443/AzureDataMovement>

```
AisManagementTaskTraceEvent
| where env_cloud_location == "uksouth"
| where message startswith "Nodes" and message contains "Idle"
| where env_time > ago(20m)
| order by env_time desc
```

Issue	Symptom
1	<p>Error message from MDS table AisManagementTaskTraceEvent is "Resizing Pool <PoolId> failed for ResizeError : Code = [AllocationTimeout], Message = [Desired number of dedicated nodes could not be allocated as the resize timeout was reached]"</p> <p>Follow:</p> <p>ResizeError : Code = [AllocationTimeout]</p>
2	<p>Error message from MDS table AisManagementTaskTraceEvent is Resizing Pool <PoolId> failed for ResizeError : Code = [AllocationFailed], Message = [Desired number of dedicated nodes could not be allocated as they are not available]</p> <p>Follow:</p> <p>ResizeError : Code = [AllocationFailed]</p>