

# [Cosmos DB] Request rate is large

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## 201071 [Cosmos DB] Request rate is large

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SME	
Symptoms	Error thrown when <b>writing data from Cosmos DB</b>  Copy failed with error: 'Type=Microsoft.Azure.Documents.DocumentClientException,Message=Message: {\"Errors\":[\"Request rate is large\"]}'
Cause	The request units used is bigger than RU configured in Cosmos DB.
Resolution	Here are two solutions: 1. Increase RU to bigger value of Cosmos DB. 2. Decrease <b>writeBatchSize</b> to smaller value (such as 1000); and set <b>parallelCopies</b> to smaller value such as 1.  Option 1 will bring more cost in Cosmos DB but will make the copy run have good performance. Option 2 will make copy run performance worse than current but will not bring more cost to Cosmos DB.
More Information	How Cosmos DB calculate RU: <a href="https://docs.microsoft.com/en-us/azure/cosmos-db/request-units#request-unit-considerations">https://docs.microsoft.com/en-us/azure/cosmos-db/request-units#request-unit-considerations</a>  How to check current RU of customer configured:  CustomLogEvent   where ActivityId == '8c139c11-183f-41bd-b2c1-40a8dff3de4' and TraceMessage in('TransferServiceCopyMonitoringResult')
Tags	CosmosDB

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