

[SAP Table|SAP Open Hub]Memory issue when reading large tables

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

	201058 - [SAP Table]RFC Method OutOfMemory		ASC Onboard
	Monday, July 22, 2019 06:28		

SME	()
Symptoms	<p>Customer wants to read data from SAP Table, and hit error like this: OutOfMemory or "No more storage space available for extending an internal table." Kusto Query: CustomLogEvent where ActivityId == <InputActivityId> where Message contains 'OutOfMemory'</p>
Cause	It is because the underneath RFC method cannot afford to read such large volume of data in one time.
Resolution	<p>There are four suggestions:</p> <ol style="list-style-type: none">1. Split the whole large table into partitions via the PartitionOption and partition Settings.2. Use a customRfcForReadTable3. Increase the memory on server side.4. Manually split the large table by rfcTableOptions with multiple copy activities.5. If none of the partition could works and none of the workarounds acceptable, then it will be out of the scope which can be supported by this connector.6. Reference Blog: https://techcommunity.microsoft.com/t5/running-sap-applications-on-the/memory-errors-during-data-extraction-from-sap-using-azure-data/ba-p/1740327

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