

[SAP BW via MDX] Maximum number (50) of drilldown in characteristics is exceeded

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

	201007- [SAP BW via MDX] Maximum number (50) of drilldown in characteristics is exceeded			
			ASC Onboard	DiagnosticsConnecto
	Thursday, April 11, 2019 11:36 AM			

SME	()
Symptoms	<p>Customer wants to read data from SAP BW via MDX, and hit error like this:</p> <p>Error: 'Type=Microsoft.Data.Mashup.MashupValueException,Message=SAP Business Warehouse: Maximum number (50) of drilldown characteristics is exceeded, Source=Microsoft.Data.Mashup.ProviderCommon,;Activity ID:95e8be11-db16-4911-8f45-d7a4d83076e4</p> <p>Kusto Query:</p> <pre>CustomLogEvent where ActivityId == <InputActivityId> where Message contains 'Maximum number (50) of drilldown characteristics is exceeded '</pre>
Cause	<p>the issue is with the SAP drilldown characterizes restrictions.</p> <ul style="list-style-type: none">• URL: https://apps.support.sap.com/sap/support/knowledge/preview/en/2630982 <p>Symptoms: When adding more than 50 free characteristics in the query definition, as the query is executed the following message shows up :</p> <p>Maximum number (50) of drilldown n characteristics is exceeded</p> <p>Workaround: Reduce the number of drilldown characteristics by filtering to characteristics, or pulling characteristics back into the free characteristics.</p> <p>Reason: The maximum number of drilldown characteristics is restricted to a value of 50 In the Free Characteristics area, an unlimited number of characteristics is permitted, but the rows and columns can include a maximum of 50 - <Number of Structures> characteristics only.</p> <p>If the query does not contain a structure, a total of 50 characteristics are permitted in the rows and columns. If you use one structure, 49 characteristics are permitted, and with two structures, 48 characteristics are permitted in the rows and columns."</p> <p>If the customer modifies the number of drilldown characteristics and continue to get the error they should contact SAP support for additional support.</p> <p>-diflood</p>
Resolution	<p>There are two solutions:</p> <ol style="list-style-type: none">1. Restrict the characters in their original query2. Use SAP Open Hub instead which allow much more characters in single row.

Created with Microsoft OneNote 2016.

How good have you found this content?

