Query Editor fail to load tables or views

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:34 AM PDT
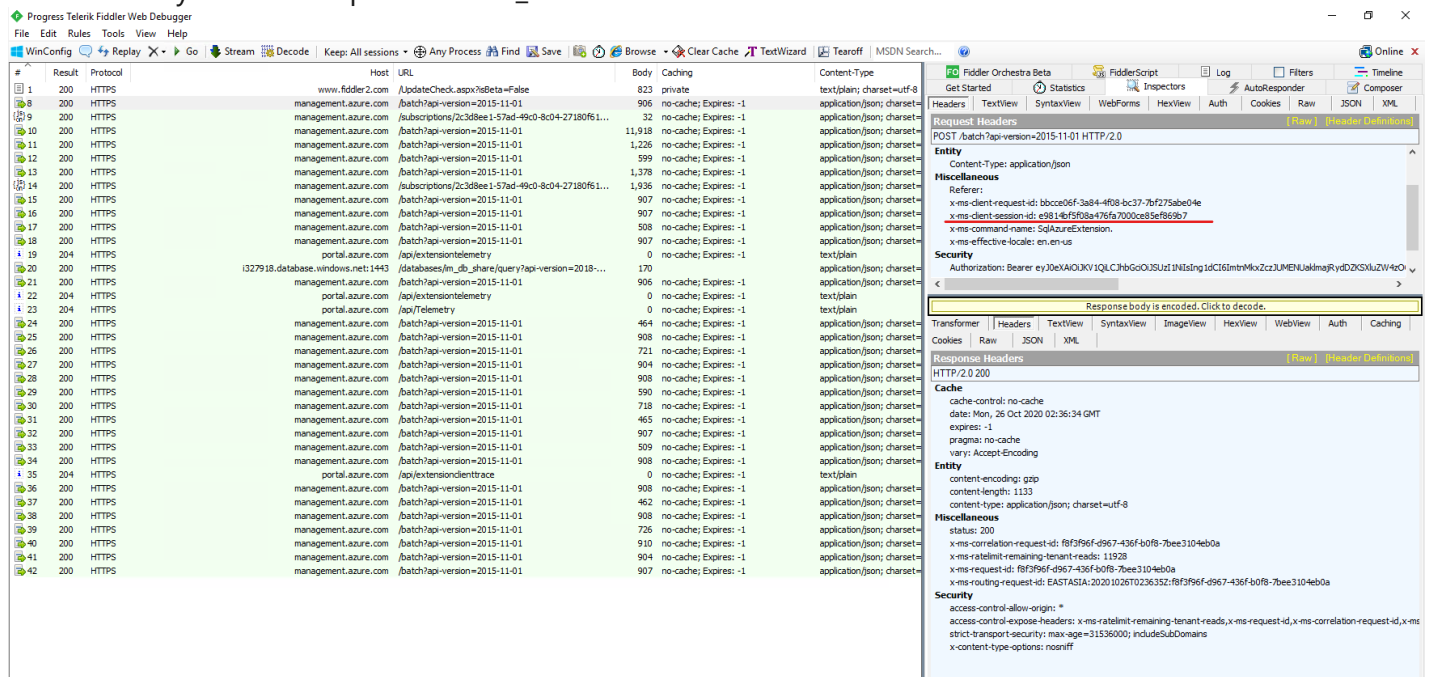

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Issue

Customer complained they were unable to load the tables/views in the query editor on the Azure Portal.

Troubleshoot

1. Collect browser trace

   Refer to the steps: https://docs.microsoft.com/en-us/azure/azure-portal/capture-browser-trace 🔗

   You can verify the web request session_id from browser trace.

2. Check from extension analyzer portal, use the session id to search for the error sessions.

   https://extensionanalyzer.azure-test.net/session?redirected=true 🔗

3. You can also verify the error returned from Kusto

   Execute in [Web] [Desktop] [cluster('azportalpartner.kusto.windows.net 🔗').database('ExtensionAnalyzer')]

   GetSessionExtensionErrors("<session_id>") | where area contains "QueryEditorBlade"

You can verify the detail error from result. For example, below error shows execution timeout.

PreciseTimeStamp	extension	area	message
2020-10-26T02:41:12.7682781Z	SqlAzureExtension	QueryEditorBlade._ListAutoComplete	QueryEditorBlade._ListAutoComplete: { "message": "Error Listing AutoComplete. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stac...
2020-10-26T02:41:12.7682959Z	SqlAzureExtension	QueryEditorBlade._ListTablesRoot	QueryEditorBlade._ListTablesRoot: { "message": "Error Listing TablesRoot. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stack": "Erro...
2020-10-26T02:41:12.7683096Z	SqlAzureExtension	QueryEditorBlade._ListStoredProcRoot	QueryEditorBlade._ListStoredProcRoot: { "message": "Error Listing StoredProcRoot. Error: Invalid operation. The connection is closed.\r\n", "stack": "Error: Error Listing StoredProcRoot. Error: Invalid operation. The connection is closed.\r\n\n at...
2020-10-26T02:41:12.7683246Z	SqlAzureExtension	QueryEditorBlade._ListViewsRoot	QueryEditorBlade._ListViewsRoot: { "message": "Error Listing ViewsRoot. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stack": "Erro...
2020-10-26T02:43:18.3138982Z	SqlAzureExtension	QueryEditorBlade._ListAutoComplete	QueryEditorBlade._ListAutoComplete: { "message": "Error Listing AutoComplete. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stac...
2020-10-26T02:43:18.3139091Z	SqlAzureExtension	QueryEditorBlade._ListTablesRoot	QueryEditorBlade._ListTablesRoot: { "message": "Error Listing TablesRoot. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stack": "Erro...
2020-10-26T02:43:18.3139172Z	SqlAzureExtension	QueryEditorBlade._ListStoredProcRoot	QueryEditorBlade._ListStoredProcRoot: { "message": "Error Listing StoredProcRoot. Error: Query execution timed out.\r\n", "stack": "Error: Error Listing StoredProcRoot. Error: Query execution timed out.\r\n\n at u (https://afd.hosting.portal.azure.net/sqlaz...
2020-10-26T02:43:18.3139255Z	SqlAzureExtension	QueryEditorBlade._ListViewsRoot	QueryEditorBlade._ListViewsRoot: { "message": "Error Listing ViewsRoot. Error: Failed to execute query. Error: Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding.\r\n", "stack": "Erro...
2020-10-26T02:37:59.9568266Z	SqlAzureExtension	QueryEditorBlade._legacyEndpointPromise	QueryEditorBlade._legacyEndpointPromise: Defaulting to WebQueryEndpoint.
2020-10-26T02:34:56.023403Z	SqlAzureExtension	QueryEditorBlade._legacyEndpointPromise	QueryEditorBlade._legacyEndpointPromise: Defaulting to WebQueryEndpoint.
2020-10-26T02:34:56.0234125Z	SqlAzureExtension	QueryEditorBlade.signIn	QueryEditorBlade.signIn: { "errorData": { "message": "Failed to execute query. error", "stack": "Error\n at t.n (https://afd.hosting.portal.azure.net/sqlazureextension/Content/Dynamic/66iVS2cSBwCx.js:10:3855)\n at new t (https://afd.hosting.portal.azure.ne...
2020-10-26T02:35:57.3108495Z	SqlAzureExtension	QueryEditorBlade._legacyEndpointPromise	QueryEditorBlade._legacyEndpointPromise: Defaulting to WebQueryEndpoint.

4. Execution timeout could be caused by multiple reasons and most common issue is on performance side. Please check the Performance tab in ASC result to verify if there is any blocking or other performance issues.

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