DNS Resolution fails with Windows Socket Error 11003 or 11004

Last updated by | Peter Hewitt | Dec 16, 2022 at 9:21 AM PST

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Issue

On some Azure SQL databases, when calling an external REST endpoint using sp_invoke_external_rest_endpoint it fails due to a Window Socket Error 11003 or 11004.

Background

This issue was identified in December 2022. The code fix has been completed by the Product Group and is ready for deployment in train T-67. This is currently scheduled to take place during the first months of 2023.

Mitigation

In the meantime, if customers encounter this error the workaround is to use the API Management ⬈ to call the REST Endpoint.

In the case where a customer is unable to apply the suggested workaround, we have a Feature Switch (FS) that can be used to prevent the issue. However, this should *only* be considered as a final alternative if the customer is really blocked, and can't use the API management as a temporary workaround.

To set the FS, create an IcM to queue: *SQL DB Perf : Extensibility, ML services*.

Public Doc Reference

sp_invoke_external_rest_endpoint (Transact-SQL) ⬈
What is Azure API Management? ⬈

Internal Reference

sp_invoke_external_rest_endpoint

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:
<Root cause path>

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