

# Issues running sp\_execute\_external\_script

Last updated by | Vitor Tomaz | Nov 22, 2021 at 10:30 AM PST

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## Issue

Issues running 'sp\_execute\_external\_script'

The scenario can be either of the below

1. Errors running 'sp\_execute\_external\_script'
2. Script not finishing, continuously running / Script has Performance issues

## Investigation/Analysis

Data to collect:

- **Q: What is the R script being used with sp\_execute\_external\_script?**  
Have customer send you the entire command they are running.
- **Q: When did the R query start performing poorly? How long does it take to execute the query?**
- **Q: Did it ever perform well, and if yes, how long did it take to execute?**
- **Q: How long does the script take to run outside of SQL Server?**
- **Q: Does the R Script work outside of SQL Server using something like R Studio?**
- **Q: Have you been able to successfully execute the sample sp\_execute\_external\_script? If no, what error do you get?**

### Sample Script in SSMS

```
exec sp_execute_external_script @language =N'R',  
@script=N'OutputDataSet<-InputDataSet',  
@input_data_1 =N'select 1 as hello'  
with result sets ([hello] int not null));  
go
```

## Data to Collect

1. Complete text of the sp\_execute\_external\_script command.

2. Complete text of any error returned.

## Mitigation

If the customer is unable to run the sample script as well check if the Customer has Extensibility enabled correctly How to check if Extensibility Feature is on for MI for a customer? **sp\_configure 'external scripts enabled'**

Can be checked in Error log as well

2020-04-29 19:39:05.790

Server

RgIsolationSettings property is '<RgIsolationSettings><Size>MIBC1

Open an ICM if customer requires to enable Extensibility / App is in Unhealthy state / Sample script not working due RgIsolationSettings not set correctly (IcM team name: Extensibility (ML Services & Language Extensions on SQL Azure)

If it is a External Library related Error check further at [External Library Error](#)

For Performance related issues with the script follow [Troubleshooting poor script performance](#)

**How good have you found this content?**

