Collecting XEvents

Last updated by | Charlene Wang | Oct 14, 2020 at 8:37 PM PDT

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Summary -

How to collect X-Events.

Mitigation steps -

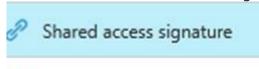
General steps

• Create storage account and container:

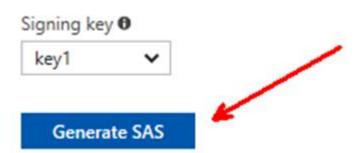
Create an resource manager azure storage account in the same region as your SQL Database and BLOB container called XEvent.

See https://docs.microsoft.com/en-us/azure/storage/common/storage-create-storage-account

- Obtain shared access signature (SAS token):
 - Click on "Shared Access Signature"



- Choose start and expiry date/time
- Click on generate SAS



• Copy the SAS token for later usage



Note that when you copy the SAS token, it starts with question mark?. You do NOT need this queston mark (?). If you keep it, the credential you create next step will not work

- Create database credential:
- --create master key

CREATE MASTER KEY ENCRYPTION BY PASSWORD='<EnterStrongPasswordHere>';

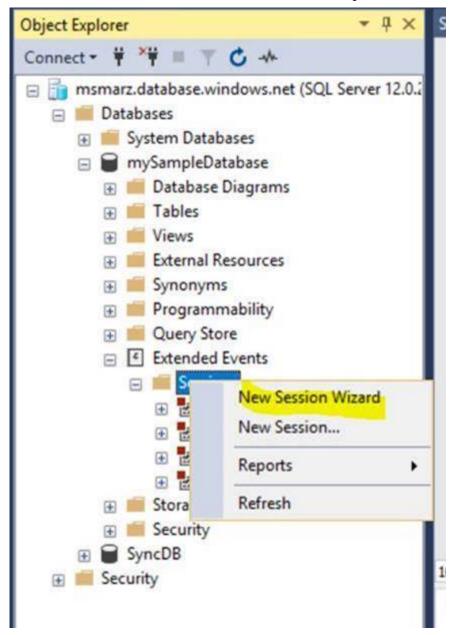
-- when you copy SAS, there is a ? in the beginning remove that

CREATE database scoped CREDENTIAL [https://<storageacountname>.blob.core.windows.net/xevent]

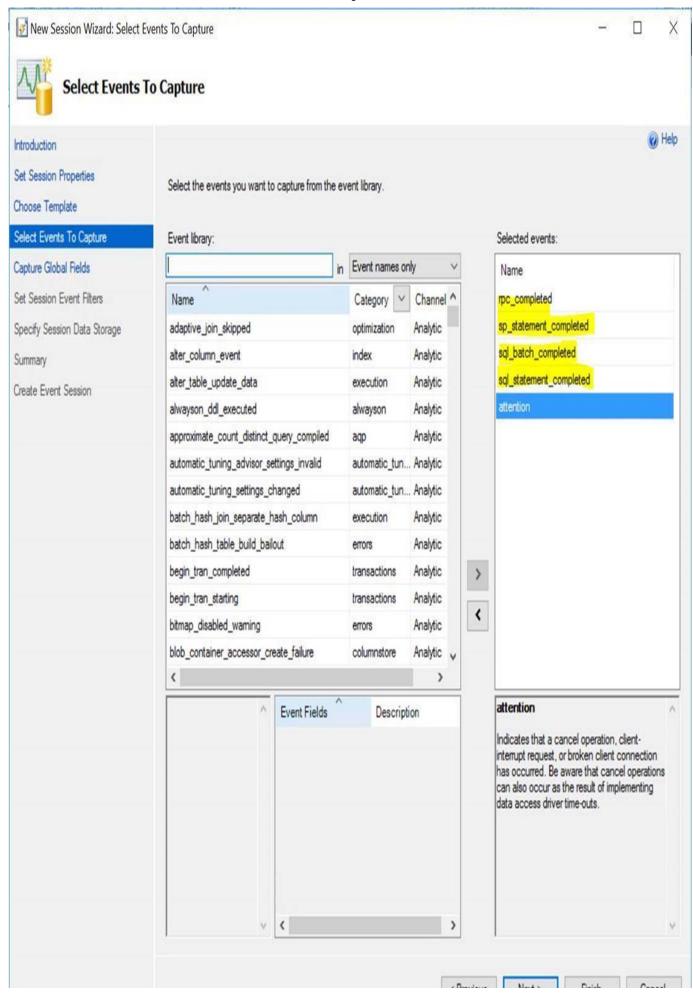
WITH IDENTITY='SHARED ACCESS SIGNATURE'

, SECRET = 'sv=.......' --make sure you remove? In the SAS token copied from previous step

Create xEvent Session using wizard



Select rpc_completed, sp_statement_completed, sql_batch_completed, sql_statement_completed, attention events



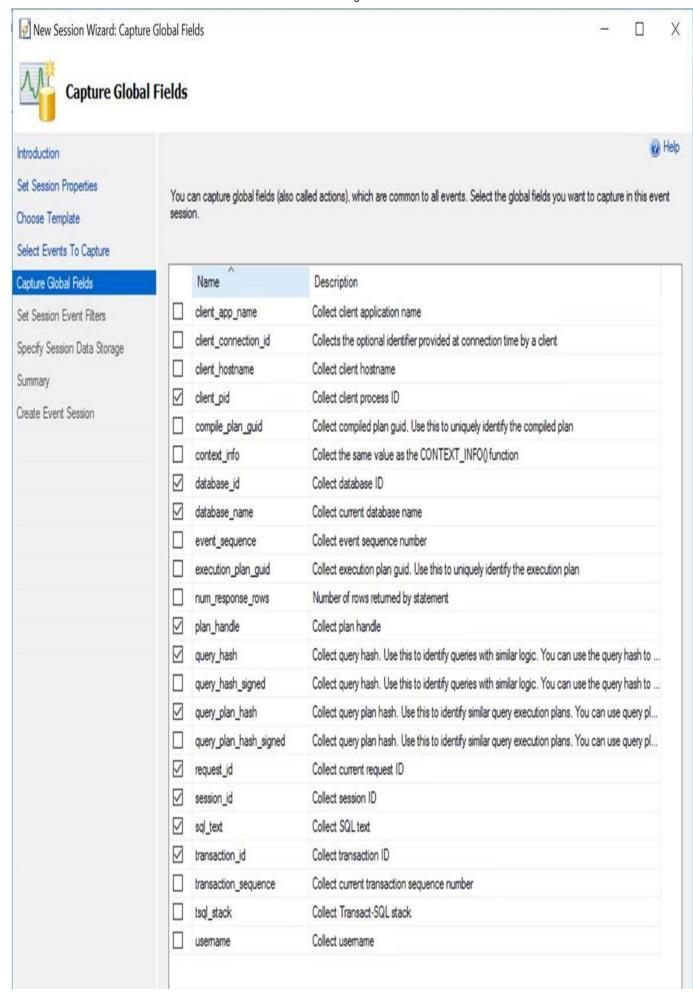
Please select below Global Fields.

< rrevious

Next >

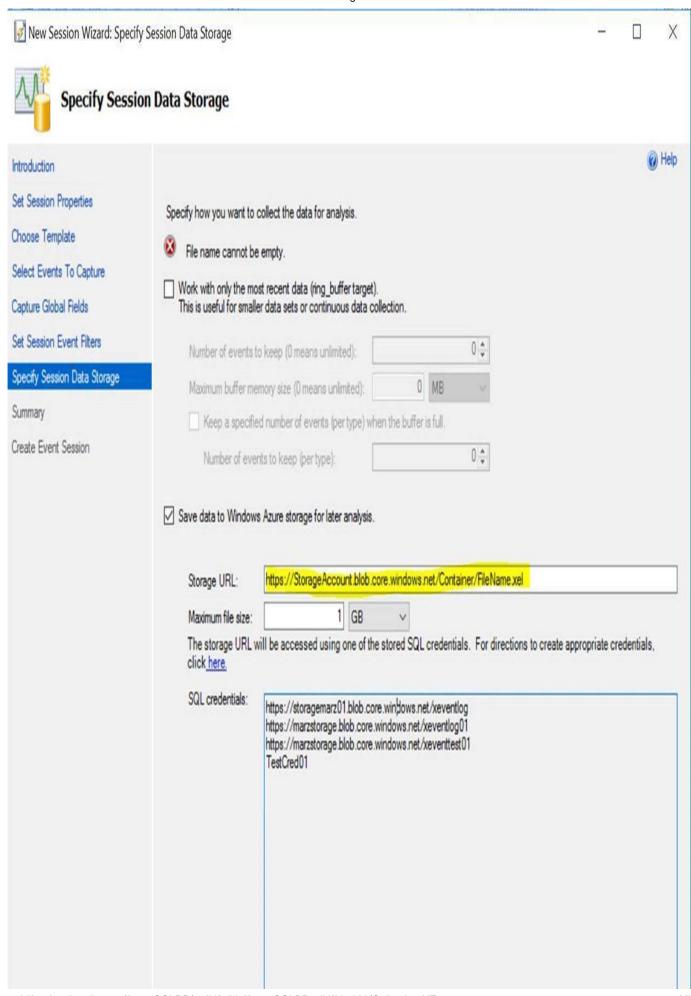
rinish

Lancel



Please specify the storage account and container created in previous steps in the following section to store the captured xEvent log.

| Previous | Next > | Rinish | Cancel |





Classification

Root cause path -

Workload performance/ User issue/error/DTU limit

How good have you found this content?

