Wrap Key error

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Issue

Customer was getting this error when using Azure Key Vault and Always encrypted wizard

Investigation/Analysis

Generate new column encryption key CEK_Auto1' -- Status: 'Failed' -- Details: 'Task failed due to following error: Operation "wrapKey" is not allowed'.

- Customer needed to have the wrapKey permissions for their principal being used.

PS C:> Set-AzureRmKeyVaultAccessPolicy -VaultName 'Nilop-TestVault' -UserPrincipalName 'nilop@microsoft.com' -PermissionsToKeys wrapKey

Fond issues can occur on "get" too, suggest the following is used as alternative

PS C:\Set-AzureRmKeyVaultAccessPolicy -VaultName 'clivevault' -UserPrincipalName 'clivec@microsoft.com' -PermissionsToKeys get,wrapKey,unwrapKey,sign,verify,list

Mitigation

--Information on using the Always Encrypted Wizard

- Definitely suggest being at the latest version of SSMS
  https://blogs.msdn.microsoft.com/sqlsecurity/2015/10/31/ssms-encryption-wizard-enabling-always-encrypted-in-a-few-easy-steps/ ↗

RCA (optional)

More Information (optional)

Public Doc Reference (optional)

Internal Reference (optional)

Classification

Root cause tree: Security/Service issue/Server

How good have you found this content?