

Create, Scale, Stop, Start or Delete Resources

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
Managed instance SKU





SKU	Description
GP_Gen5	Standard-series
GP_G8IM	Premium-series
GP_G8IH	Memory-optimized premium-series
BC_Gen5	Standard-series
BC_G8IM	Premium-series
BC_G8IH	Memory optimized premium-series

Index of error messages and TSG and/or documentation

Error Code	Error Message
-1	Could not resolve partner managed server 'X'
0	The database 'X' was requested to be dropped, and rollback for drop operation is not supported.
103	The identifier that starts with 'X' is too long. Maximum length is 128.
911	Database 'X' does not exist. Make sure that the name is entered correctly.
1133	The managed instance has reached its storage limit. The storage usage for the managed instance cannot exceed (X) MBs.
1801	Database 'X' already exists. Choose a different database name.
1828	The logical file name X is already in use. Choose a different name.
5009	One or more files listed in the statement could not be found or could not be initialized. Managed Instance has reached the total capacity of underlying Azure storage account. Azure Premium Storage account is limited to 35TB of allocated space.
5042	The file 'data_1' cannot be removed because it is not empty.
5065	The file X is currently being scanned or used by a background or user process. Try the operation again later.
5103	MAXSIZE cannot be less than SIZE for file 'X'. One or more files listed in the statement could not be found or could not be initialized.
15021	Invalid value given for parameter Login. Specify a valid parameter value.
15032	The database 'X' already exists. Specify a unique database name.
37202	An instance pool with name 'X' is busy with another ongoing operation.
37204	An instance pool with name 'X' does not have enough vCore capacity for given request.

Error Code	Error Message
40630	Password validation failed. The password does not meet policy requirements because it is too short.
40632	Password validation failed. The password does not meet policy requirements because it is not complex enough.
40640	Creation of a database is blocked on an instance failover group secondary managed instance.
40645	Restoring database on Geo-secondary Managed Instance in an Instance Failover Group is blocked. Please restore on the primary instance instead.
40647	Subscription 'X' does not have the server 'X'.
40653	Could not find database 'X' at time 'MM/DD/YYYY hh:mm:ss' that can be restored.
40665	'parameters('sqlManagedInstance-collation')' is not a supported collation.
40673	The service objective assignment for the database has failed. Please contact Microsoft custom support and provide the server name, database name and activity ID.
40680	The operation cannot be performed since the database 'X' is in a replication relationship.
40681	The operation cannot be performed since the database 'X' is a replication target.
40683	The operation cannot be performed since the database 'X' is not a replication target.
40823	Invalid proxy override option supplied.
40916	The Failover Group 'X' already exists on server 'X'
40927	The endpoint 'X.secondary.X' is already in use. Use a different Failover Group name.
40931	Failover Group name 'X' cannot be empty or null. It can only be made up of lowercase letters 'a'-'z', the numbers 0-9 and the hyphen. The hyphen may not lead or trail in the name.
40975	Partner managed instance's DNS Zone does not match the DNS Zone of the source managed instance.
40977	X' is not a supported timezone.

Error Code	Error Message
40978	Instance failover group cannot be created because the reserved storage size on the secondary instance is different from the reserved storage size on the primary instance.
40982	Instance failover group cannot be created because the secondary instance has user databases
40983	Replication to the partner managed instance could not be established. Verify that connectivity between the Virtual Networks of the primary and secondary managed servers has been established correctly according to guidelines in https://aka.ms/instanceFailoverGroups  .
41829	The database cannot proceed with pricing-tier update as it has memory-optimized objects. Please drop such objects and try again.
41912	Maximum number of databases for SQL Database Managed Instance reached.
41923	Cannot find server certificate with thumbprint 'X'. Please use PowerShell Cmdlet 'Add-AzureRmSqlManagedInstanceTransparentDataEncryptionCertificate' to create the certificate.
43021	The point in time X is not valid. Valid point in time range from 35 days early to now and not before source server creation time.
45120	The name 'X' already exists. Choose a different name.
45122	The deployment request failed because it would exceed total number of vCores (X) and/or subnets (X), which is above the allowance for your subscription: max vCores: X, max number of subnets X. Please send the support request to extend the quota using Azure portal: aka.ms/quotami-obtain-larger-quota
45138	The destination database name 'X' already exists on the server 'X'.
45150	Feature is disabled.
45157	Server 'X' is busy with another operation. Please try your operation later.
45161	Managed instance 'X' is busy with another operation. Please try your operation later.
45179	The operation timed out and automatically rolled back. Please retry the operation.
45181	Resource with the name 'X' does not exist. To continue, specify a valid resource name.

Error Code	Error Message
45182	Database 'X' is busy with another operation. Please try your operation later.
45196	The operation on the resource could not be completed because it was interrupted by another operation on the same resource.
45314	Server key 'X' does not exist. Make sure that the server key name is entered correctly.
45321	The operation could not be completed on server 'X' because attempts to connect to Azure Key Vault ' https://X.vault.azure.net/keys/X  ' have failed
45330	The server 'X' requires the following Azure Key Vault permissions: 'Get, WrapKey, UnwrapKey'. Please grant the missing permissions to the service principal with ID ' https://X.vault.azure.net/keys/X  ' (https://aka.ms/sqltdebyoksetup )
45341	The operation could not be completed because an error was encountered when attempting to retrieve Key Vault information for ' https://X.vault.azure.net/keys/X  ' from server 'X'. The encountered error message is 'A task was canceled.'.
45346	Subnet resource ID '/subscriptions/X/resourceGroups//providers/Microsoft.Network/virtualNetworks/X/subnets/' is invalid. Please provide a correct resource Id for the target subnet.
45352	Create Managed Instance failed. Provided virtual network subnet is located in X, which is a different region than the one you are provisioning Managed Instance in (X). To create a VNET joined Managed Instance, the instance and the virtual network have to be located in the same region.
45359	Database name validation failed. The database name is not allowed because it contains trailing whitespace characters.
45364	The operation could not be completed because database 'X' on server 'X' is currently unavailable. Try again later. If the problem persists, contact customer support.
45365	vCore value (X) is not valid. Please specify a valid vCore value.
45366	The retention days of X is not a valid configuration. Valid backup retention in days must be between 7 and 35.
45374	HardwareGeneration " is not valid. Please specify a valid HardwareGeneration value.

Error Code	Error Message
45377	The provided Key Vault uri ' https://X.vault.azure.net/keys/X ' is not valid. Please ensure the key vault has been configured with soft-delete and purge protection. (https://aka.ms/sqltdebyoksoftdelete)
45384	The encryption protectors for all servers linked by GeoDR must be in the same region as their respective servers. Please upload key ' https://X.vault.azure.net/keys/X ' to a Key Vault in the region 'X' as server 'X'. (https://aka.ms/sqltdebyokgeodr)
45385	Unexpected Key Vault region found in the response for Key Vault ' https://X.vault.azure.net/keys/X ' associated with server 'X'. Expected region: 'X', Region received in response: 'X'. (https://aka.ms/sqltdebyokgeodr)
45393	Target subnet is not empty. Remove all resources from /subscriptions/X/resourceGroups/X/providers/Microsoft.Network/virtualNetworks/X/subnets/ or use a different empty subnet. (https://go.microsoft.com/fwlink/?linkid=871071)
45396	Target subnet /subscriptions/X/resourceGroups/X/providers/Microsoft.Network/virtualNetworks/X/subnets/ does not exist. Use a different empty subnet. (https://go.microsoft.com/fwlink/?linkid=871071)
45397	Managed Instance deployment failed due to conflict with the following network requirements Information about the network requirements and how to set them could be found at (https://go.microsoft.com/fwlink/?linkid=871071). You can find more details about this error in the virtual network Activity log.
45398	The specified edition X is not consistent with the specified SKU X.
45400	Invalid storage size: X GB. Storage size must be specified between 32 and 640 gigabytes, in increments of 32 GB.
45403	The operation could not be completed because a service tier change is in progress for managed instance 'X.' Please wait for the operation in progress to complete and try again.
45408	Resource not found: 'The Resource 'Microsoft.Network/virtualNetworks/oicvnet' under resource group 'X' was not found.'
45424	The operation could not be completed because create/drop/restore/alter database operation in progress. Please wait for the operation in progress to complete and try again.

Error Code	Error Message
45425	The operation could not be completed because total allocated storage size for General Purpose instance would exceed 35TB. Please reduce the number of database files and retry operation.
45426	The operation could not be completed because instance has configured geo replicated secondary instance.
45428	The operation has failed because you are attempting to deploy managed instance as a geo-replication secondary to the subnet '/subscriptions/X/resourceGroups/X/providers/Microsoft.Network/virtualNetworks/X/subnets', in which there already exists a managed instance. Deploying managed instance as a geo-replication secondary is supported only in cases when managed instance is the first instance deployed in a subnet. Consider deploying managed instance as a geo-replication secondary to a different subnet in which there are no existing managed instances, or if deploying to a subnet with existing managed instance disable the geo-replication option.
45432	Invalid storage size: Storage size limit (X GB) is less than current storage used (X GB). Please specify higher storage size limit.
45438	The timezone cannot be changed on Managed Instance.
45440	Cannot create a Managed Instance as there are not enough available ip addresses in the selected subnet.
45458	Chosen subnet is delegated and cannot be used for deploying managed instance. Remove delegation from subnet.
49704	Failed to apply server override on category 'SloPropertyBag', because physical db or instance in server 'cX' is currently not in 'Ready' or 'Deactivated' state.

Subscription level operations from ARM

Can't find an operation customer claims they have done?

This query checks all (top 100) the create/update/delete operations done from ARM perspective for the subscription.

- **Tracking ID** may match **serviceRequestId**
- **serviceRequestId** will be the same as **request_id** in MonManagement

```
//Connect to https://armprod.kusto.windows.net/ARMProd
let starttime = ago(1d);
let endtime = now();
let subId = tolower('{SubscriptionId}');
HttpOutgoingRequests
| where TIMESTAMP between (starttime .. endtime)
| where subscriptionId == subId
| where TaskName == 'HttpOutgoingRequestStart'
| where httpMethod != 'GET'
| where targetResourceProvider == 'MICROSOFT.SQL'
| where targetResourceType startswith 'MANAGEDINSTANCES' or targetResourceType startswith 'VIRTUALCLUSTERS'
| take 100
| parse hostName with 'management.' Region '.control.database.windows.net'
| project TIMESTAMP, ActivityId
| join kind=leftouter (
HttpOutgoingRequests
| where TIMESTAMP between (starttime .. endtime)
| where subscriptionId == subId
| where TaskName != 'HttpOutgoingRequestStart'
| where httpMethod != 'GET'
| where targetResourceProvider == 'MICROSOFT.SQL'
| where targetResourceType startswith 'MANAGEDINSTANCES' or targetResourceType startswith 'VIRTUALCLUSTERS'
| parse hostName with 'management.' Region '.control.database.windows.net'
| project TIMESTAMP, TaskName, correlationId, serviceRequestId, httpMethod, Region, operationName, targetUri,
) on ActivityId
| parse TaskName with 'HttpOutgoingRequestEndWith' Result
| project Start=TIMESTAMP, End=TIMESTAMP1, Result, correlationId, serviceRequestId, httpMethod, Region, operat
```



How good have you found this content?



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