Kusto Queries for Recover Dropped Server State

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:31 AM PDT

To Check the Region of the server if not provided by customer:

```
let queryCluster = (clusterName: string, databaseName: string)
{
cluster(clusterName).database(databaseName).
    MonBillingServerStatus2
    | where server_name =~ 'testrestore123'
    | summarize arg_max(TIMESTAMP,*) by server_name
};
(
(queryCluster ("sqlazureau2", "sqlazure1")| extend clustername = 'australia')
| union (queryCluster ("sqlazurebr2", "sqlazure1")| extend clustername = 'brazil')
| union (queryCluster ("sqlazureca2", "sqlazure1")| extend clustername = 'canada')
| union (queryCluster ("sqlazurecus2", "sqlazure1")| extend clustername = 'centralus')
| union (queryCluster ("sqlazureeas2", "sqlazure1")| extend clustername = 'eastasia')
| union (queryCluster ("sqlazureeus12", "sqlazure1")| extend clustername = 'eastus1')
| union (queryCluster ("sqlazureeus22", "sqlazure1")| extend clustername = 'eastus2')
| union (queryCluster ("sqlazurefra", "sqlazure1")| extend clustername = 'france')
| union (queryCluster ("sqlazuregermany", "sqlazure1")| extend clustername = 'germanypublic')
| union (queryCluster ("sqlazureince2", "sqlazure1")| extend clustername = 'indiacentral')
| union (queryCluster ("sqlazureinso2", "sqlazure1")| extend clustername = 'indiasouth')
| union (queryCluster ("sqlazureinwe2", "sqlazure1")| extend clustername = 'indiawest')
| union (queryCluster ("sqlazureja2", "sqlazure1")| extend clustername = 'japan')
| union (queryCluster ("sqlazurekor", "sqlazure1")| extend clustername = 'korea')
| union (queryCluster ("sqlazurencus3", "sqlazure1")| extend clustername = 'northcentrauls')
| union (queryCluster ("sqlazureneu2", "sqlazure1")| extend clustername = 'northeurope')
| union (queryCluster ("sqlazurenorway", "sqlazure1")| extend clustername = 'norway')
| union (queryCluster ("sqlazurescus2", "sqlazure1")| extend clustername = 'southcentralus')
| union (queryCluster ("sqlazureseas2", "sqlazure1")| extend clustername = 'southeastasia')
| union (queryCluster ("sqlazuresouthafrica", "sqlazure1")| extend clustername = 'southafrica')
| union (queryCluster ("sqlazureswitzerland", "sqlazure1")| extend clustername = 'switzerland')
| union (queryCluster ("sqlazureuae", "sqlazure1")| extend clustername = 'emirates')
| union (queryCluster ("sqlazureuk2", "sqlazure1")| extend clustername = 'uk')
| union (queryCluster ("sqlazrwcus", "sqlazure1")| extend clustername = 'westcentralus')
| union (queryCluster ("sqlazureweu2", "sqlazure1")| extend clustername = 'westeurope')
| union (queryCluster ("sqlazurewus1", "sqlazure1")| extend clustername = 'westus1')
| union (queryCluster ("sqlazurewus2", "sqlazure1")| extend clustername = 'westus2'))
```

server_name	TIMESTAMP	PreciseTimeStamp	ClusterName	NodeRole	MachineName	NodeName	AppName	AppTypeName	LogicalServerName	SubscriptionId
testrestore123	2022-03-03 01:56:41.6500	2022-03-03 01:56:41.6500	cr9.eastus1-a.control.database.windows.net	MN	MN15	MN.15	Management...	ManagementServ...	DummyValue	00000000-0000-...

```
MonManagementOperations| whereoperation_parameterscontains"testrestore123"
|whereoperation_type== "DropLogicalServer"| projectTIMESTAMP, operation_type, operation_parameters, ['state']
```

TIMESTAMP	operation_type	operation_parameters

2022-03-03 01:58:52.4361854	DropLogicalServer	`<?xml version="1.0"?>`
		`<InputParameters xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">`
		`<SubscriptionId>3146f734-a5be-4681-a262-6d95614b50f5</SubscriptionId>`
		`<LogicalServerName>testrestore123</LogicalServerName>`
		`<ResourceGroup>ResourceMoverRG-eastus-eastus2-eus2</ResourceGroup>`
		`<LogicalServerId xsi:nil="true" />`
		`<SubmitResourceHydration>false</SubmitResourceHydration>`
		`<Force>false</Force>`

2022-03-03 01:58:52.4361854	DropLogicalServer	`<InputParameters xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"><SubscriptionId>3146f734-a5be-4681-a262-6d95614b50f5</SubscriptionId>`

To check if the server is in the deferred state:- (this state is needed before we restore)

```
MonBillingServerStatus2
| where server_name =~ 'X'
| summarize arg_max(TIMESTAMP, subscription_id) by server_name, status
```

How good have you found this content?