{

"$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",

"contentVersion": "1.0.0.0",

"parameters": {

"workspaceName": {

"type": "String",

"metadata": {

"description": "The name of the Workspace."

}

},

"storageAccountName": {

"type": "String",

"metadata": {

"description": "The name of the primary ADLS Gen2 Storage Account. If not provided, the workspace name will be used."

}

},

"sqlAdministratorLogin": {

"type": "String",

"metadata": {

"description": "Provide the user name for SQL login."

}

},

"sqlAdministratorPassword": {

"type": "SecureString",

"metadata": {

"description": "The passwords must meet the following guidelines:<ul><li> The password does not contain the account name of the user.</li><li> The password is at least eight characters long.</li><li> The password contains characters from three of the following four categories:</li><ul><li>Latin uppercase letters (A through Z)</li><li>Latin lowercase letters (a through z)</li><li>Base 10 digits (0 through 9)</li><li>Non-alphanumeric characters such as: exclamation point (!), dollar sign ($), number sign (#), or percent (%).</li></ul></ul> Passwords can be up to 128 characters long. Use passwords that are as long and complex as possible. Visit <a href=https://aka.ms/azuresqlserverpasswordpolicy>aka.ms/azuresqlserverpasswordpolicy</a> for more details."

}

},

"tagValues": {

"defaultValue": {

"Created with": "Synapse Azure Resource Manager deployment template"

},

"type": "Object"

},

"cmkUri": {

"defaultValue": "",

"type": "String",

"metadata": {

"description": "The uri to a key in your Key Vault to add a second layer of encryption on top of the default infrastructure encryption"

}

},

"setSbdcRbacOnStorageAccount": {

"defaultValue": false,

"type": "Bool"

},

"sqlPoolName": {

"type": "String"

},

"skuPoolName": {

"type": "String"

},

"location": {

"type": "String"

},

"metadataSync": {

"defaultValue": false,

"type": "Bool"

},

"tags": {

"defaultValue": {},

"type": "Object"

},

"eventGridTopicName": {

"type": "string",

"defaultValue": "[format('topic-{0}', uniqueString(resourceGroup().id))]",

"metadata": {

"description": "The name of the Event Grid custom topic."

}

},

"containerName": {

"type": "string"

}

},

"variables": {

"dataLakeStorageName": "[if(empty(parameters('storageAccountName')), replace(tolower(parameters('workspaceName')),'-',''), tolower(parameters('storageAccountName')))]",

"cmkUriStripVersion": "[if(empty(parameters('cmkUri')), '', substring(parameters('cmkUri'), 0, lastIndexOf(parameters('cmkUri'), '/')))]",

"withCmk": {

"cmk": {

"key": {

"name": "default",

"keyVaultUrl": "[variables('cmkUriStripVersion')]"

}

}

},

"encryption": "[if(empty(parameters('cmkUri')), json('{}'), variables('withCmk'))]"

},

"resources": [

{

"type": "Microsoft.Resources/deployments",

"apiVersion": "2021-04-01",

"name": "storage",

"properties": {

"mode": "Incremental",

"templateLink": {

"uri": "https://raw.githubusercontent.com/Azure-Samples/Synapse/main/Manage/DeployWorkspace/storage/azuredeploy.json",

"contentVersion": "1.0.0.0"

},

"parameters": {

"storageAccount": {

"value": "[variables('dataLakeStorageName')]"

},

"workspaceContainer": {

"value": "[tolower(parameters('workspaceName'))]"

}

}

}

},

{

"type": "Microsoft.Resources/deployments",

"apiVersion": "2021-04-01",

"name": "workspace",

"dependsOn": [

"storage"

],

"properties": {

"mode": "Incremental",

"templateLink": {

"uri": "https://raw.githubusercontent.com/Azure-Samples/Synapse/main/Manage/DeployWorkspace/workspace/azuredeploy.json",

"contentVersion": "1.0.0.0"

},

"parameters": {

"name": {

"value": "[tolower(parameters('workspaceName'))]"

},

"sqlAdministratorLogin": {

"value": "[parameters('sqlAdministratorLogin')]"

},

"sqlAdministratorPassword": {

"value": "[parameters('sqlAdministratorPassword')]"

},

"setSbdcRbacOnStorageAccount": {

"value": "[parameters('setSbdcRbacOnStorageAccount')]"

},

"defaultDataLakeStorageAccountName": {

"value": "[variables('dataLakeStorageName')]"

},

"defaultDataLakeStorageFilesystemName": {

"value": "[tolower(parameters('workspaceName'))]"

},

"tagValues": {

"value": "[parameters('tagValues')]"

},

"encryption": {

"value": "[variables('encryption')]"

}

}

}

},

{

"type": "Microsoft.Synapse/workspaces/sqlPools",

"apiVersion": "2021-06-01",

"name": "[concat(parameters('workspaceName'), '/', parameters('sqlPoolName'))]",

"location": "[parameters('location')]",

"dependsOn": [

"workspace"

],

"tags": "[parameters('tags')]",

"sku": {

"name": "[parameters('skuPoolName')]"

},

"properties": {

"createMode": "Default",

"collation": "SQL\_Latin1\_General\_CP1\_CI\_AS"

},

"resources": [

{

"type": "metadataSync",

"apiVersion": "2021-06-01",

"name": "config",

"location": "[parameters('location')]",

"dependsOn": [

"[concat('Microsoft.Synapse/workspaces/', parameters('workspaceName'), '/sqlPools/', parameters('sqlPoolName'))]"

],

"properties": {

"Enabled": "[parameters('metadataSync')]"

},

"condition": "[parameters('metadataSync')]"

}

]

},

{

"type": "Microsoft.EventGrid/topics",

"apiVersion": "2020-06-01",

"name": "[parameters('eventGridTopicName')]",

"location": "[parameters('location')]"

},

{

"type": "Microsoft.Storage/storageAccounts/blobServices/containers",

"apiVersion": "2021-06-01",

"name": "[format('{0}/default/{1}', parameters('storageAccountName'), parameters('containerName'))]",

"dependsOn": [

"storage"

]

}

],

"outputs": {}

}