

Terraform: Creating An Azure Storage Account

```
main.tf
1 terraform {
2   required_providers {
3     azurerm = {
4       source = "hashicorp/azurerm"
5       version = "~>4.8.0"
6     }
7   }
8   required_version = ">=1.9.0"
9 }
10
11 provider "azurerm" {
12   # Configuration options
13   features {}
14
15   subscription_id = "2f8b41d0-6186-4682-bc6d-1c7637c0aa23"
16 }
17
18 resource "azurerm_resource_group" "Lacy" {
19   name     = "lacyresourcegroup"
20   location = "East US"
21 }
22
23 resource "azurerm_storage_account" "LacyStorageAccount" {
24   name                                = "lacystorageacct"
25   resource_group_name                 = azurerm_resource_group.Lacy.name
26   location                            = azurerm_resource_group.Lacy.location
27   account_tier                        = "Standard"
28   account_replication_type            = "LRS"
29
30   tags = {
31     environment = "Development"
32     owner       = "Lacy"
33   }
34 }
```

Azure subscription 1 | Resource groups

Subscription

Search

Create Edit columns Refresh Export to CSV Open query Assign tags

Filter for any field... Location equals all Add filter

Showing 1 to 1 of 1 records.

Name	Subscription	Location
lacyresourcegroup	Azure subscription 1	East US

Home > Azure subscription 1 | Resource groups

lacyresourcegroup

Resource group

Search

Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete Export template Open in mobile

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Deployments

Security

Deployment stacks

Policies

Essentials

Subscription (move): Azure subscription 1

Subscription ID: [REDACTED]

Location: East US

Deployments: No deployments

Tags (edit): Add tags

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 1 of 1 records. Show hidden types

Name	Type	Location
lacystorageacct	Storage account	East US

lacystorageacct

Storage account

Search

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Resource visualizer

Data storage

Security + networking

Data management

Settings

Monitoring

Monitoring (classic)

Automation

Help

Essentials

Resource group (move): lacyresourcegroup

Location: eastus

Subscription (move): Azure subscription 1

Subscription ID: [REDACTED]

Disk state: Available

Tags (edit): environment: Development owner: Lacy

Performance: Standard

Replication: Locally-redundant storage (LRS)

Account kind: StorageV2 (general purpose v2)

Provisioning state: Succeeded

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Properties Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

Blob service

Hierarchical namespace	Disabled
Default access tier	Hot
Blob anonymous access	Enabled
Blob soft delete	Disabled
Container soft delete	Disabled
Versioning	Disabled
Change feed	Disabled
NFS v3	Disabled
Allow cross-tenant replication	Disabled
Storage tasks assignments	None

File service

Large file share	Enabled
Identity-based access	Not configured
Default share-level permissions	Disabled
Soft delete	Enabled (7 days)

Security

Require secure transfer for REST API operations	Enabled
Storage account key access	Enabled
Minimum TLS version	Version 1.2
Infrastructure encryption	Disabled

Networking

Allow access from	All networks
Private endpoint connections	0
Network routing	Microsoft network routing
Access for trusted Microsoft services	Yes
Endpoint type	Standard