

Lab 08 - Manage Virtual Machines

Student lab manual

Task 2: Configure Azure virtual machines by using virtual machine extensions

Storage accounts

Default Directory (LyuboScalefocusoutlook.onmicrosoft.com)

+ Create ↺ Restore ⚙️ Manage view ↻ Refresh ⬇️ Export to CSV 🔗 Open query | 🏷️ Assign tags 🗑️ Delete

Filter for any field...


Subscription equals all

Resource group equals all X

Location equals all X

+ Add filter

Showing 1 to 1 of 1 records.

<input type="checkbox"/> Name ↑↓	Type ↑↓	Kind ↑↓	Resource group ↑↓
<input type="checkbox"/>  storagelyubo	Storage account	Storage	az104-08-rg01

Home > Storage accounts > storagelyubo

Storage accounts

Default Directory (LyuboScalefocusoutlook.onmicr...

+ Create ↺ Restore ...

Filter for any field...

Name ↑↓

 storagelyubo ...

storagelyubo | Containers

Storage account

Search

+ Container 🔒 Change access level ↺ Restore containers ↻ Refresh 🗑️ Delete 🔗 G

Diagnose and solve problems

Access Control (IAM)

Data migration

Storage browser

Data storage

Containers

File shares

Queues

Tables

Security + networking

Search containers by prefix

Name	Last modified	Public access
<input type="checkbox"/> bootdiagnostics-az10408vm-3820656f-180a-4271-9e1a...	3/25/2023, 1:40:42 AM	Private
<input type="checkbox"/> bootdiagnostics-az10408vm-fb16e207-e53c-493d-b3c1...	3/25/2023, 1:23:38 AM	Private

New container

Name *

scripts

Public access level

Private (no anonymous access)

Advanced

Home > storagelyubo | Containers >

scripts

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Shared access tokens

Access policy

Properties

Metadata

Upload 🔒 Change access level ↻ Refresh 🗑️ Delete ⇄ Change tier 🔗 Acquire lease 🔗

Authentication method: Access key (Switch to Azure AD User Account)

Location: scripts

Search blobs by prefix (case-sensitive)

Name	Modified	Access tier	Arch
No results			

Upload blob



1 file(s) selected: az104-08-install_iis.ps1.txt

Drag and drop files here or Browse for files

☐ Overwrite if files already exist

Advanced

Upload

Give feedback

[Home](#) >

Virtual machines

Default Directory (lyuboScalefocusoutlook.onmicrosoft.com)

+ Create

Switch to classic

Reservations

Manage view

Refresh

Export to CSV

Open query

Assign tags

Start

Restart

Stop

Delete

Services

Maintenance

Filter for any field...

Subscription equals all

Type equals all

Resource group equals all

Location equals all

Add filter

Showing 1 to 2 of 2 records.

No grouping

List view

<input type="checkbox"/>	Name ↑↓	Type ↑↓	Subscription ↑↓	Resource group ↑↓	Location ↑↓	Status ↑↓	Operating system ↑↓	Size ↑↓	Public IP address ↑↓	Disks
<input type="checkbox"/>	az104-08-vm0	Virtual machine	Azure Pass - Sponsors...	az104-08-rg01	East US	Running	Windows	Standard_D2s_v3	20.84.51.63	1
<input type="checkbox"/>	az104-08-vm1	Virtual machine	Azure Pass - Sponsors...	az104-08-rg01	East US	Running	Windows	Standard_D2s_v3	20.84.59.19	1

[Home](#) > [Virtual machines](#) > [az104-08-vm0](#)

Virtual machines

Default Directory (lyuboScalefocusoutlook.onmicro...

+ Create

Switch to classic

Filter for any field...

az104-08-vm0

az104-08-vm1

Networking

Connect

Windows Admin Center

Disks

Size

Microsoft Defender for Cloud

Advisor recommendations

Extensions + applications

Continuous delivery

Availability + scaling

Configuration

Identity

Properties

az104-08-vm0 | Extensions + applications

Virtual machine

Search

Extensions

VM Applications

+ Add

Refresh

Feedback

Search to filter items...

Name	Type	Version	Status	Automatic upgrade st
GuestAttestation	Microsoft.Azure.Security.Windows	1.*	Provisioning succeeded	Not supported

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scripts

Container

Upload

Refresh

Give feedback

Authentication method: Access key (Switch to Azure AD User Account)

Location: scripts

Search blobs by prefix (case-sensitive)

Show deleted blobs

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
az104-08-install_JIS.ps1.txt	3/25/2023, 12:36:14 PM			Block blob	239 B	Available

Select

Custom deployment ...

Deploy from a custom template

✓ Validation Passed

Basics **Review + create**

Summary

Customized template
2 resources

Terms

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Create

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Virtual machines

Default Directory (lyuboScalefocusoutlook.commicr...

+ Create ▾ Switch to classic ...

Filter for any field...

Name ↑

az104-08-vm0 ...
az104-08-vm1 ...

< Page 1 of 1 >

az104-08-vm1 | Run command

Virtual machine

Search

Bastion

Auto-shutdown

Backup

Disaster recovery

Updates

Inventory

Change tracking

Automanage

Configuration management (Preview)

Policies

Run command

Monitoring

Insights

Alerts

Metrics

Diagnostic settings

Logs

Connection monitor (classic)

Now it's in ARM

Run Command recovery, and

Name

RunPowerSh

DisableNLA

DisableWind

EnableAdmin

EnableEMS

EnableRemo

EnableWind

IPConfig

RDPSettings

ResetRDPCe

SetRDPPort

Run Command Script

RunPowerShellScript

Script execution complete

PowerShell Script

```
1 Invoke-WebRequest -URI http://10.80.0.4 -UseBasicParsing
```

Run

Output

```
StatusCodes : 200
StatusDescription : OK
Content : az104-08-vm0

RawContent : HTTP/1.1 200 OK
Accept-Ranges : bytes
Content-Length : 14
Content-Type : text/html
Date : Mon, 27 Mar 2023 00:29:26 GMT
ETag : "f7a8fd834260d91:0"
Last-Modified : Mon, 27 Mar 2023 00:24:38 GMT
Server...
```