

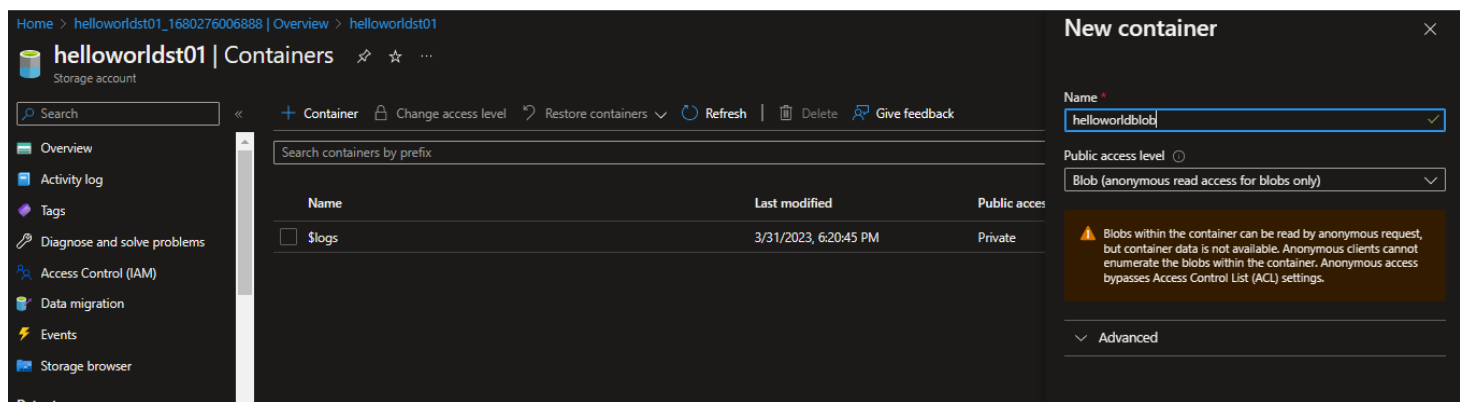
Midterm-exam

Premise

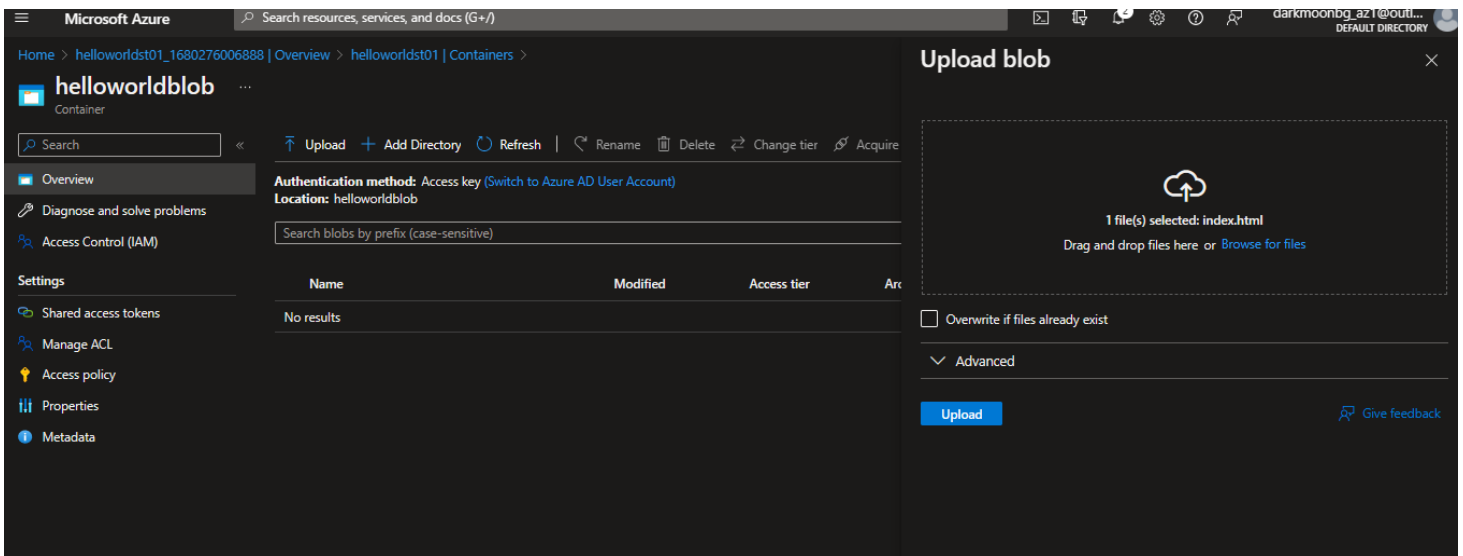
Research/Notes

Tasks

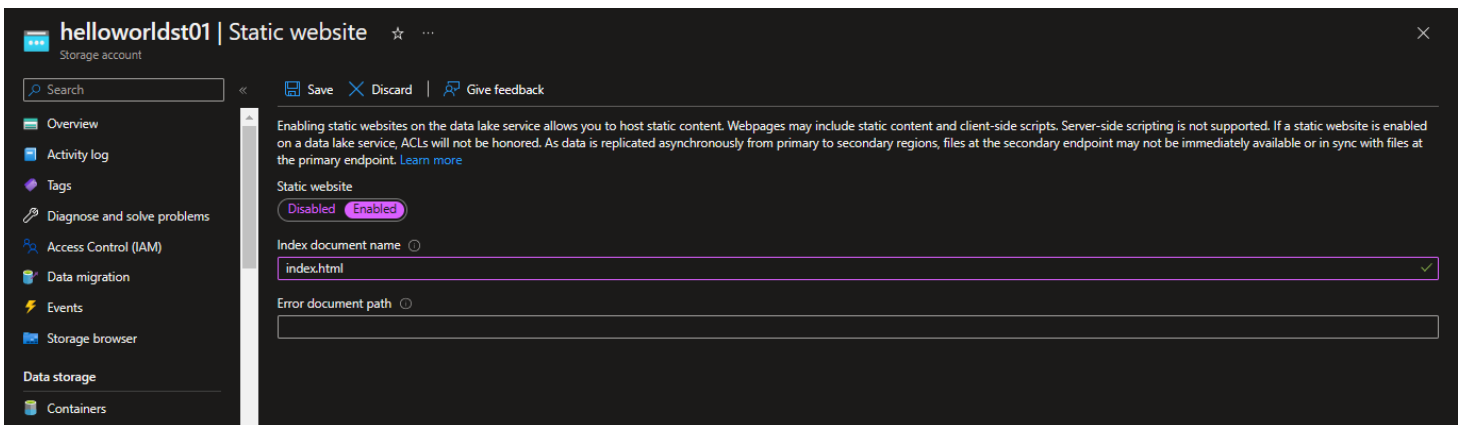
1. Host a static website on Blob Storage: build and deploy a static Hello World website to Azure Storage.



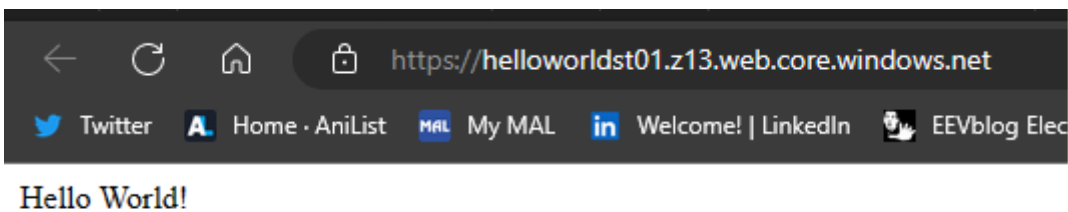
creating a blob storage



uploading index.html



enabling static blob webpages with index.html



site hosted on static blob

Note first enable static webpage, then upload to created container, not vice versa

2. In this exercise we will setup a Linux based web server and will deploy a web page on it.

Create virtual network

Basics Security IP addresses Tags Review + create

Subscription	Azure Pass - Sponsorship
Resource Group	midterm-rg02
Name	midterm-vnet01
Region	East US

Security

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

IP addresses

Address space	10.0.0.0/16 (65536 addresses)
Subnet	subnet0 (10.0.0.0/28) (16 addresses)

getting the vnet ready, using default settings

what is my ip

SEARCH CHAT

About 164,000,000 results

Your public IP address

212.25.57.4

inbound_ssh

Host-vm01-nsg

Source [?]

IP Addresses

Source IP addresses/CIDR ranges * [?]

212.25.57.4

Source port ranges * [?]

*

Destination [?]

Any

Service [?]

Custom

Destination port ranges * [?]

22,80

Protocol

☐ Any

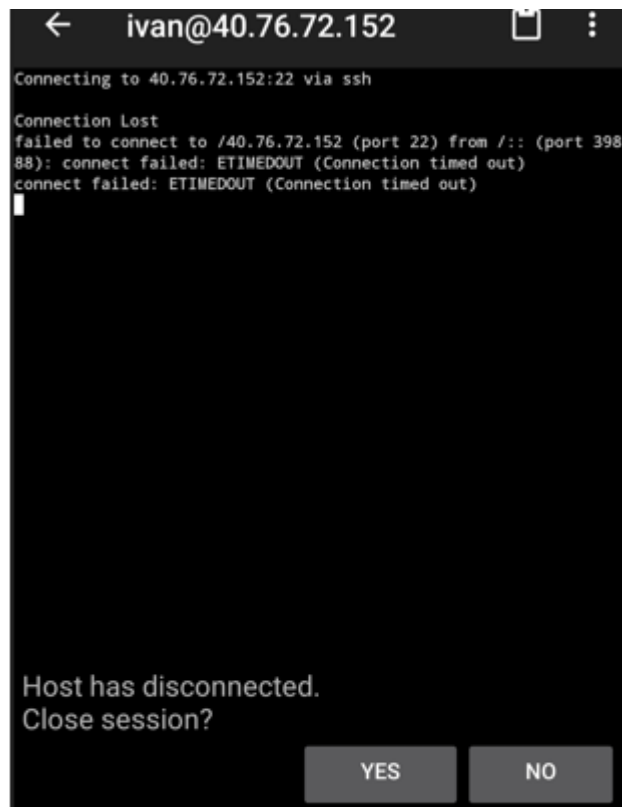
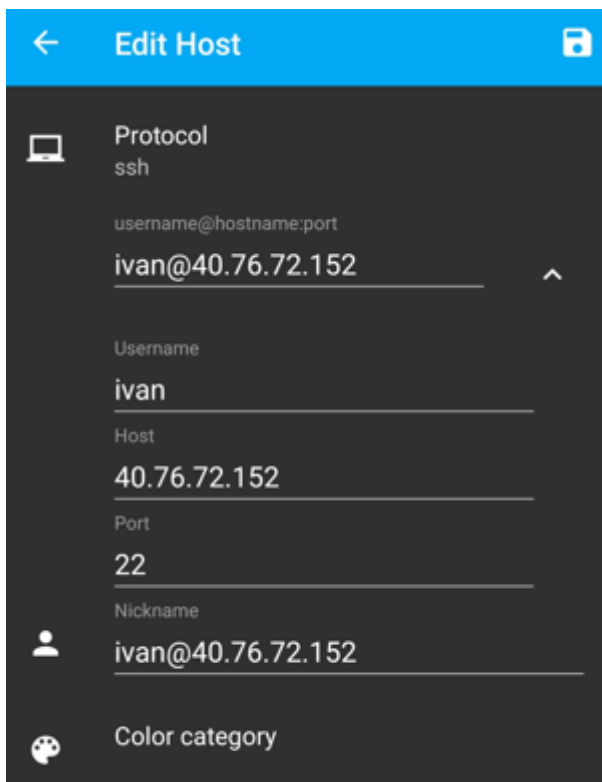
☒ TCP

☐ UDP

Save Cancel

Give feedback

setting inbound rules for local ssh access



Testing for ssh acces from my phone using the telecom network

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

```
ivan@Host-vm01:~$
```

accessing the vm from my laptop via ssh

Getting started with apache

.htaccess files in Apache

Apache Flume

How to create virtual host in Apache

- `| sudo apt-get install apache2`

Setting up the HTML

Apache files live in `| /var/www/html/`. Lets quickly get there. `| M /var/www/html/`.

This `| html` directory is where all your website files will live. Let

Using your favorite text editor, type the following in

```
<!DOCTYPE html>
<html>
<head>
  <title>Hello World!</title>
</head>
<body>
  <h1>Hello World!</h1>
</body>
</html>
```

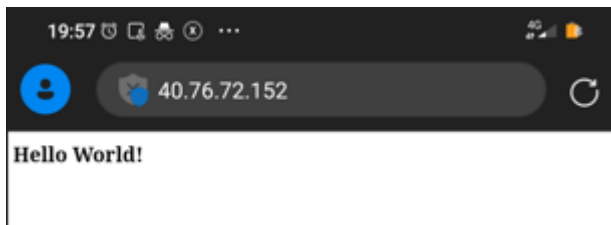
Save this file as `| index.html` in the current directory and you're set to go

```
rel="nofollow">existing bug reports</a> before rep
</p>
<p>
Please report bugs specific to modules (such as PHP
to respective packages, not to the web server itse
</p>
</div>
</div>
<div class="validator">
</div>
</body>
</html>
ivan@Host-vm01:/var/www/html$ |
```

setting up apache web server using the provided tutorial

```
<!DOCTYPE html>
<html>
<head>
  <title>Hello World!</title>
</head>
<body>
  <h1>Hello World!</h1>
</body>
</html>
```

vimming the html file



phone test accessing only from the internal wifi network(disregard the 4G icon

Add

Hide default rules

Refresh

Delete

Give feedback

Network security group security rules are evaluated by priority using the combination of source, source port, destination, destination port, and protocol to allow or deny the traffic. A security rule can't have the same priority and direction as an existing rule. You can't delete default security rules, but you can override them with rules that have a higher priority. [Learn more](#)

Filter by name

Port == all

Protocol == all

Source == all

Destination == all

Action == all

	Priority ↑↓	Name ↑↓	Port ↑↓	Protocol ↑↓	Source ↑↓	Destination ↑↓	Action ↑↓	
<input type="checkbox"/>	100	inbount_ssh	22	TCP	212.25.57.4	Any	✔ Allow	
<input type="checkbox"/>	120	allowHTTP	80	TCP	Any	40.76.72.152	✔ Allow	
<input type="checkbox"/>	65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	✔ Allow	
<input type="checkbox"/>	65001	AllowAzureLoadBalancerI...	Any	Any	AzureLoadBalancer	Any	✔ Allow	
<input type="checkbox"/>	65500	DenyAllInBound	Any	Any	Any	Any	✖ Deny	

update inbound rules because of connectivity issues(allegedly)