







Opening Ports on Azure VMs


Click on your VM


Microsoft Azure |  CREDIT STATUS  eugenewu@mit.edu 


 ALL ITEMS


 WEB APPS
0


 **VIRTUAL MACHINES**
1


 MOBILE SERVICES
0

 CLOUD SERVICES
1

 BATCH SERVICES
0



 SQL DATABASES
0

 STORAGE
2

 HDINSIGHT
0

virtual machines

INSTANCES IMAGES DISKS

NAME	STATUS	SUBSCRIPTION	LOCATION	DNS NAME	
ewutest	  Running	Free Trial	Central US	ewutest.cloudapp.net	

Click on “endpoints”

The screenshot shows the Microsoft Azure portal interface. At the top, the header includes 'Microsoft Azure' with a dropdown arrow, a green 'CREDIT STATUS' button, a globe icon, the email 'eugenewu@mit.edu', and a user profile icon. On the left is a blue sidebar with various service icons and a 'ewutest' label. The main content area is titled 'ewutest' and features a navigation bar with 'DASHBOARD', 'MONITOR', 'ENDPOINTS' (highlighted with a red box), and 'CONFIGURE'. Below the navigation bar is a large grey box with a blue monitor icon containing a cube. The text inside this box reads: 'Your virtual machine has been created! Here are a few options to get you started:'. Below this text is a checkbox labeled 'Skip Quick Start the next time I visit'. At the bottom of the page, there are two sections: 'Get the tools' with a wrench icon and a link to 'Windows PowerShell cmdlets and command-line tools for Windows and Linux', and 'Learn more' with a link to 'Virtual Machines Overview'.

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DASHBOARD MONITOR **ENDPOINTS** CONFIGURE

Your virtual machine has been created!




Here are a few options to get you started:

☐ Skip Quick Start the next time I visit


Get the tools
[Windows PowerShell cmdlets and command-line tools for Windows and Linux](#)


Learn more
[Virtual Machines Overview](#)









Click “Add”

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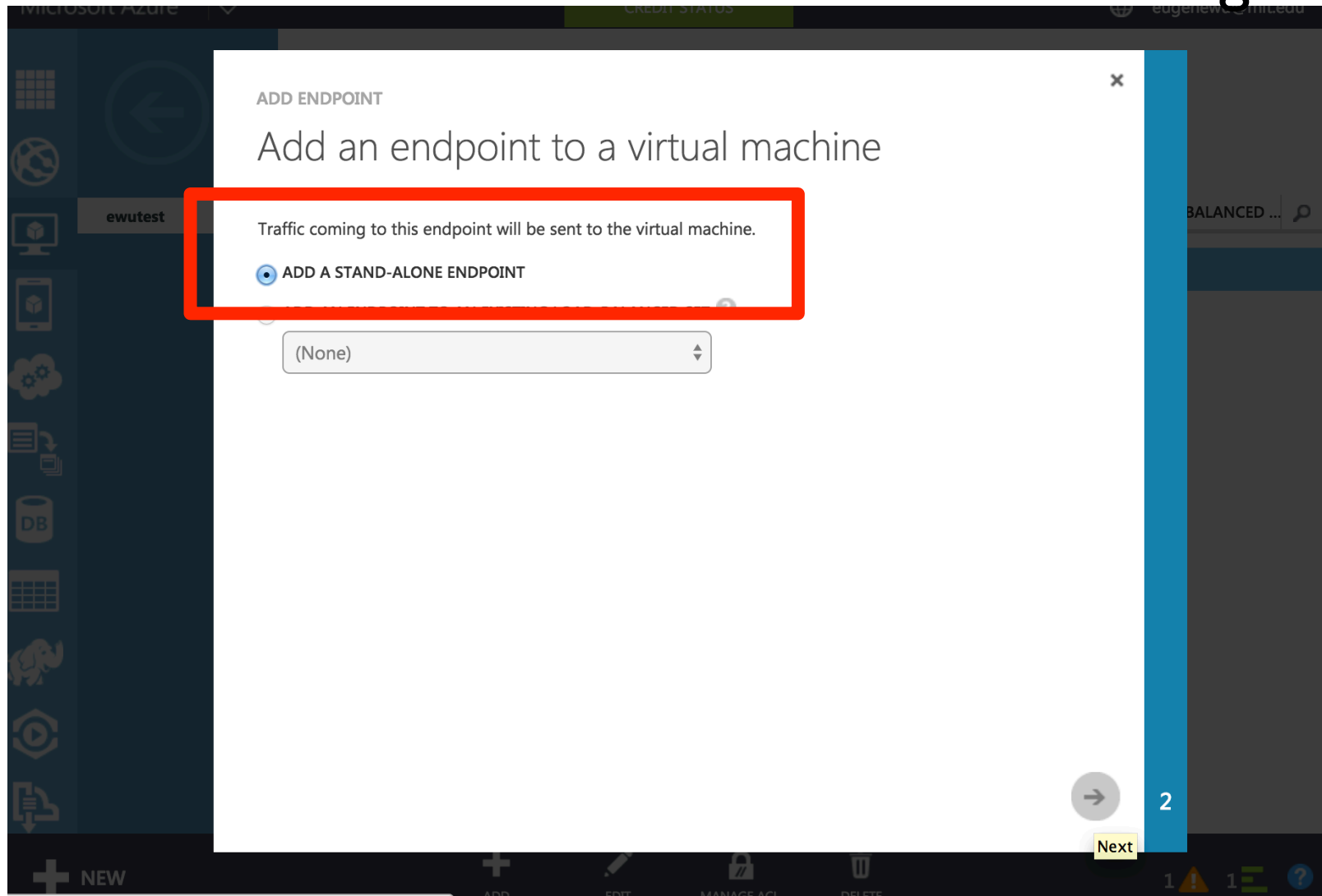
ewutest

 DASHBOARD MONITOR ENDPOINTS CONFIGURE

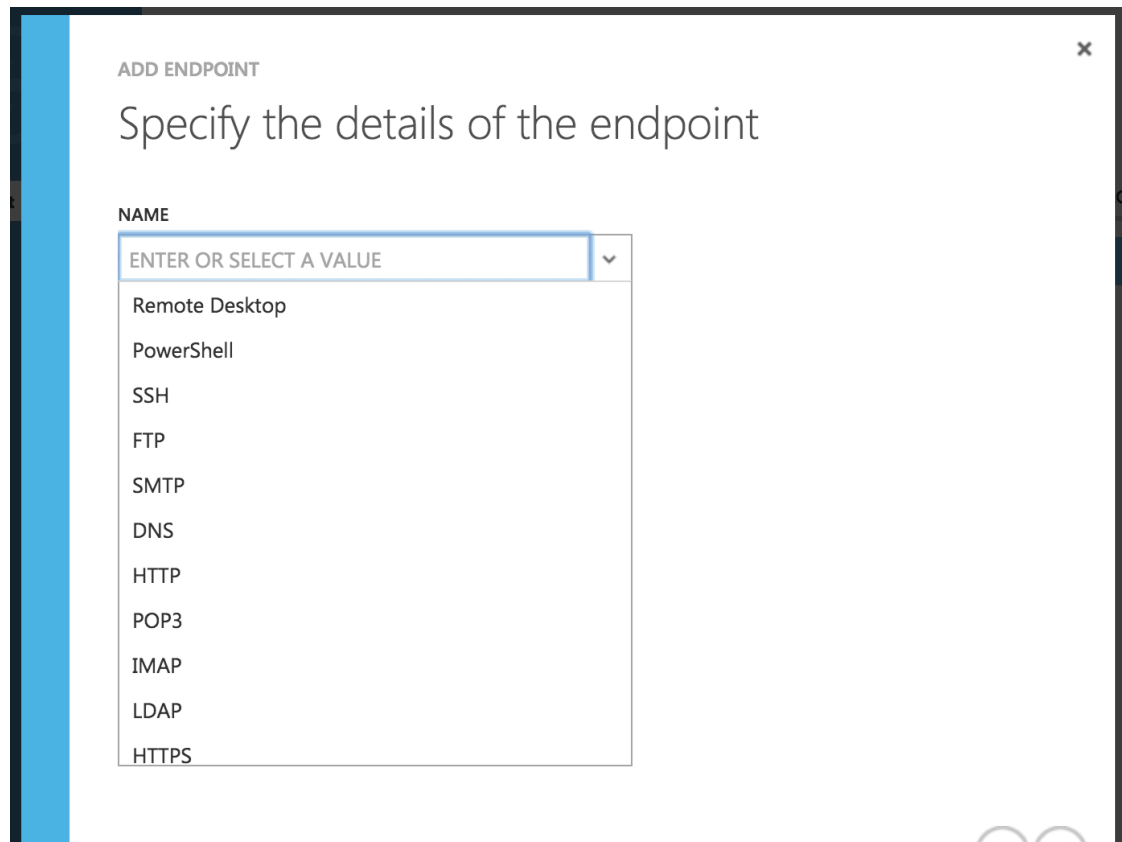
NAME	↑	PROTOCOL	PUBLIC PORT	PRIVATE PORT	LOAD-BALANCED ...	
SSH		TCP	22	22	-	

 NEW  ADD  EDIT  MANAGE ACL  DELETE 1  1  

Select “Add a stand-alone endpoint”
and click the next arrow in the bottom right



Pick a name for your port.
Any name works, just remember it



The screenshot shows a dialog box titled "ADD ENDPOINT" with a close button (X) in the top right corner. Below the title, the text "Specify the details of the endpoint" is displayed. Under the heading "NAME", there is a dropdown menu. The dropdown menu is open, showing a list of port names: "Remote Desktop", "PowerShell", "SSH", "FTP", "SMTP", "DNS", "HTTP", "POP3", "IMAP", "LDAP", and "HTTPS". The dropdown menu has a search bar at the top with the placeholder text "ENTER OR SELECT A VALUE" and a downward arrow icon.

ADD ENDPOINT

Specify the details of the endpoint

NAME

ENTER OR SELECT A VALUE

- Remote Desktop
- PowerShell
- SSH
- FTP
- SMTP
- DNS
- HTTP
- POP3
- IMAP
- LDAP
- HTTPS

Set Public & Private Port to the same value (e.g., 8112)
This is the port you set for your web app
e.g., ewutest.cloudapp.net:8112

ADD ENDPOINT

Specify the details of the endpoint

NAME
Server

PROTOCOL
TCP

PUBLIC PORT
8112

PRIVATE PORT
8112

☐ CREATE A LOAD-BALANCED SET ?

You can't enable direct server return on endpoints that use different public and private ports.

☐ ENABLE DIRECT SERVER RETURN ?

1

← ✓

Test it

Test that the port is open by going to your home directory and typing

```
python -m SimpleHTTPServer <portnumber>
```

This runs a webserver that lists files in the directory it is run in.

Go to the URL and check that it shows the directory listing

Do the same to setup an end point for postgres

name: "Postgres" (actual name doesn't matter much)

public port: 5432

private port: 5432