







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”

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ewutest

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”

The screenshot shows the Microsoft Azure portal interface. At the top, the header includes 'Microsoft Azure', a 'CREDIT STATUS' button, and a user profile for 'eugenewu@mit.edu'. The left sidebar contains navigation icons for various services, with 'ewutest' selected. The main content area displays the 'ewutest' endpoint configuration page, featuring tabs for 'DASHBOARD', 'MONITOR', 'ENDPOINTS', and 'CONFIGURE'. Below these tabs is a table with columns: 'NAME', 'PROTOCOL', 'PUBLIC PORT', 'PRIVATE PORT', and 'LOAD-BALANCED ...'. The table contains one entry: 'SSH' with 'TCP' protocol, '22' public port, '22' private port, and a '-' in the load-balanced column. At the bottom, a dark navigation bar contains several icons: a plus sign labeled 'NEW', a plus sign labeled 'ADD' (highlighted with a red rectangle), an edit icon labeled 'EDIT', a lock icon labeled 'MANAGE ACL', a trash icon labeled 'DELETE', and three status icons (1 warning, 1 error, and a help icon).

Microsoft Azure

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DASHBOARD MONITOR ENDPOINTS CONFIGURE

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

+ NEW

+ ADD

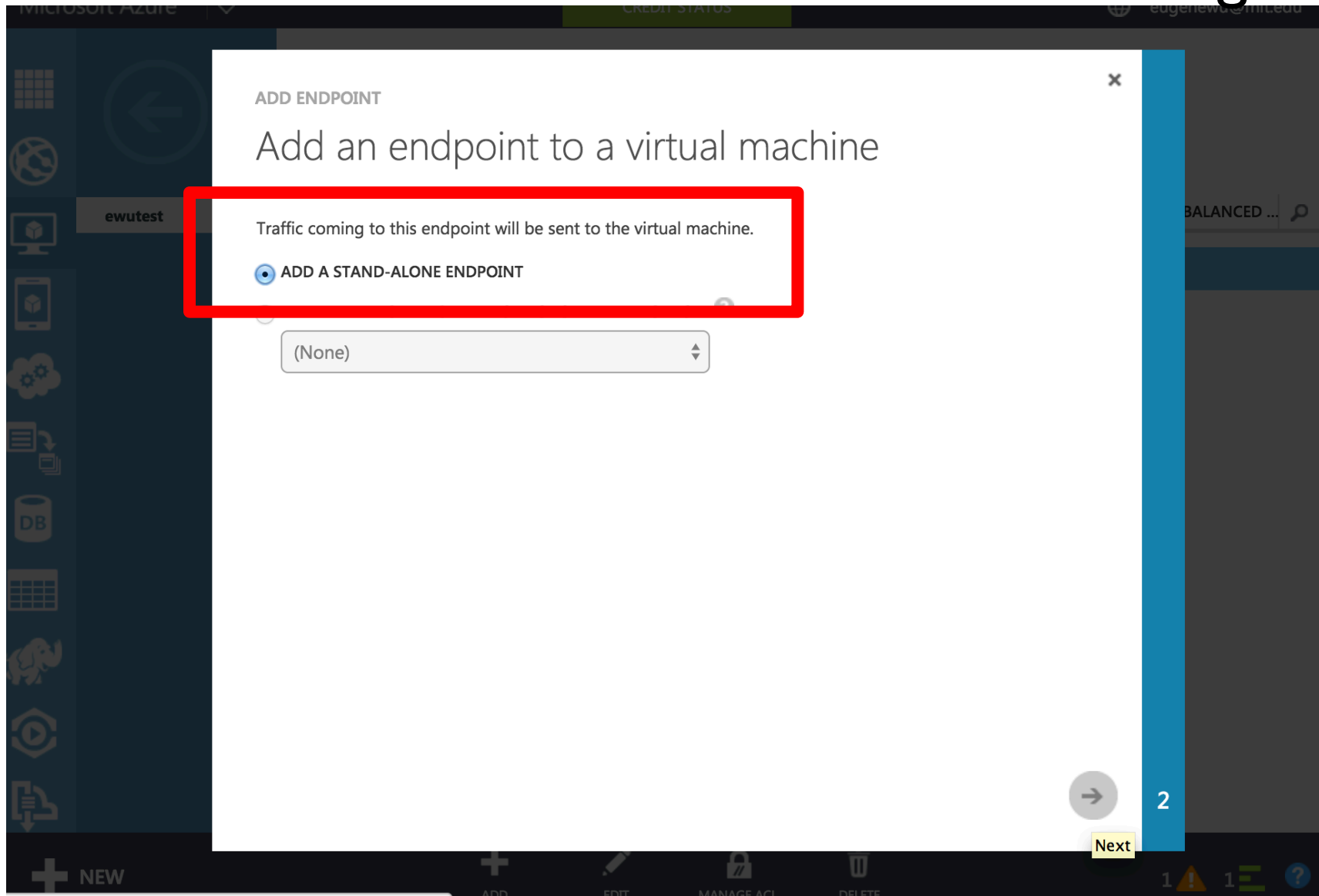
EDIT

MANAGE ACL

DELETE

1 ! 1 E ?

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

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., 8111)
This is the port you set for your web app
e.g., ewutest.cloudapp.net:8111

ADD ENDPOINT

Specify the details of the endpoint

NAME
Server

PROTOCOL
TCP

PUBLIC PORT
8111

PRIVATE PORT
8111

☐ 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