

Levi McLean Lab 5

1.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and a user profile. The main content area displays the details for a virtual machine named "UbuntuLab5". The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect, Bastion, Networking, Settings, Availability + scale, Security, Backup + disaster recovery, Operations, and Monitoring. The main content area is divided into two sections: "Essentials" and "Properties". The "Essentials" section shows the resource group "INFO1251", status "Running", location "East US (Zone 3)", subscription "Azure for Students", subscription ID "86888cc2-4535-4735-bf21-d671d9d6096f", and availability zone "3". The "Properties" section shows the computer name "UbuntuLab5", operating system "Linux", and VM generation "V2". The "Networking" section shows the public IP address "40.76.138.184" and the network interface "ubuntulab5585_z3".

2.

```
levi@UbuntuLab5:/$ apt policy apache2
apache2:
  Installed: 2.4.58-1ubuntu8.8
  Candidate: 2.4.58-1ubuntu8.8
  Version table:
*** 2.4.58-1ubuntu8.8 500
    500 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64
Packages
    500 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64
Packages
    100 /var/lib/dpkg/status
    2.4.58-1ubuntu8 500
    500 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 Packages
levi@UbuntuLab5:/$
```

a)

```
levi@UbuntuLab5: /  
levi@UbuntuLab5:/$ apt policy mysql-server  
mysql-server:  
  Installed: 8.0.43-0ubuntu0.24.04.2  
  Candidate: 8.0.43-0ubuntu0.24.04.2  
  Version table:  
*** 8.0.43-0ubuntu0.24.04.2 500  
    500 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64  
Packages  
  100 /var/lib/dpkg/status  
  8.0.43-0ubuntu0.24.04.1 500  
  500 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64  
Packages  
  8.0.36-2ubuntu3 500  
  500 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 Packages  
levi@UbuntuLab5:/$ |
```

b)

```
levi@UbuntuLab5: /  
levi@UbuntuLab5:/$ apt policy php  
php:  
  Installed: 2:8.3+93ubuntu2  
  Candidate: 2:8.3+93ubuntu2  
  Version table:  
*** 2:8.3+93ubuntu2 500  
    500 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 Packages  
    100 /var/lib/dpkg/status  
levi@UbuntuLab5:/$ apt policy php-dev  
php-dev:  
  Installed: (none)  
  Candidate: 2:8.3+93ubuntu2  
  Version table:  
  2:8.3+93ubuntu2 500  
    500 http://azure.archive.ubuntu.com/ubuntu noble/main amd64 Packages  
levi@UbuntuLab5:/$ |
```

c)

3.

```
levi@UbuntuLab5: /var/www/ × + ▾
GNU nano 7.2 index.html
<!DOCTYPE html>
<html>
  <head>
    <title>Apache Web Server Demo</title>
  </head>

  <body>
    <h1>Paragraph 1</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam viv<
    <hr>

    <h1>Paragraph 2</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin pos<
    <hr>

    <h1>Paragraph 3</h1>
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulu<
    <hr>
  </body>
</html>
```

[Read 20 lines]

^G Help	^O Write Out	^W Where Is	^K Cut	^T Execute
^X Exit	^R Read File	^_ Replace	^U Paste	^J Justify

a)

```
levi@UbuntuLab5: /var/www/ x + v
levi@UbuntuLab5:/var/www/html$ ls
assets  elements.html  generic.html  images  index.html  index2.html
levi@UbuntuLab5:/var/www/html$
```

b)

4.

my.noip.com/dns/records

English

Dashboard

DDNS & Remote Access

DNS Records

DDNS Keys

Dynamic Update Client

Update Clients

Device Configuration Assistant

Managed DNS

Domains

Email

Server Monitoring

SSL Certificates

Team Login

Add Priority Support

Records

My No-IP > Records

Create Hostname

Filter by Zone

Free Dynamic DNS: 1/1

Upgrade to Enhanced Dynamic DNS

Free Dynamic DNS accounts are limited to 1 Hostname, currently there is 1 Hostname in your account.

Upgrade Now

ddns.net 1 record

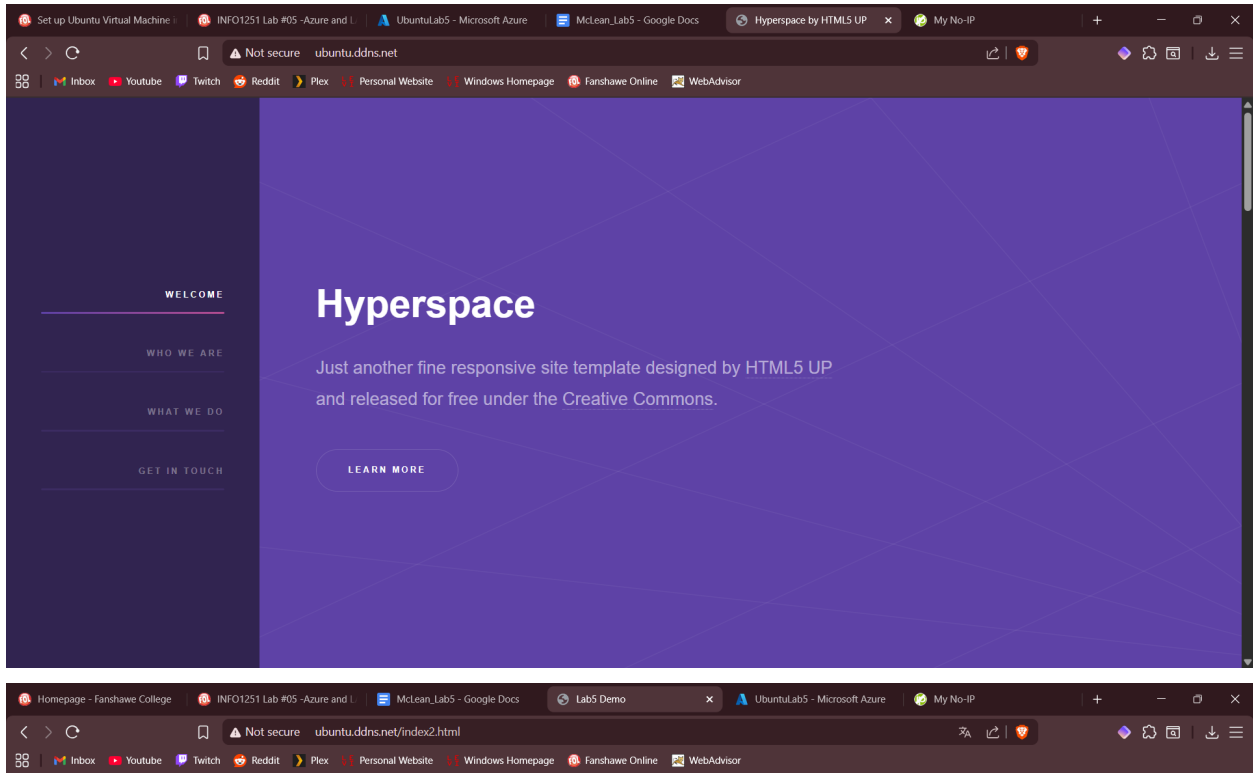
No-IP Owned

Add Record

Name	Type	Content	TTL	Last Update
ubuntu	A	.ddns.net	40.76.138.184	60 seconds

Cancel Save

5.



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