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PROJECT 1:

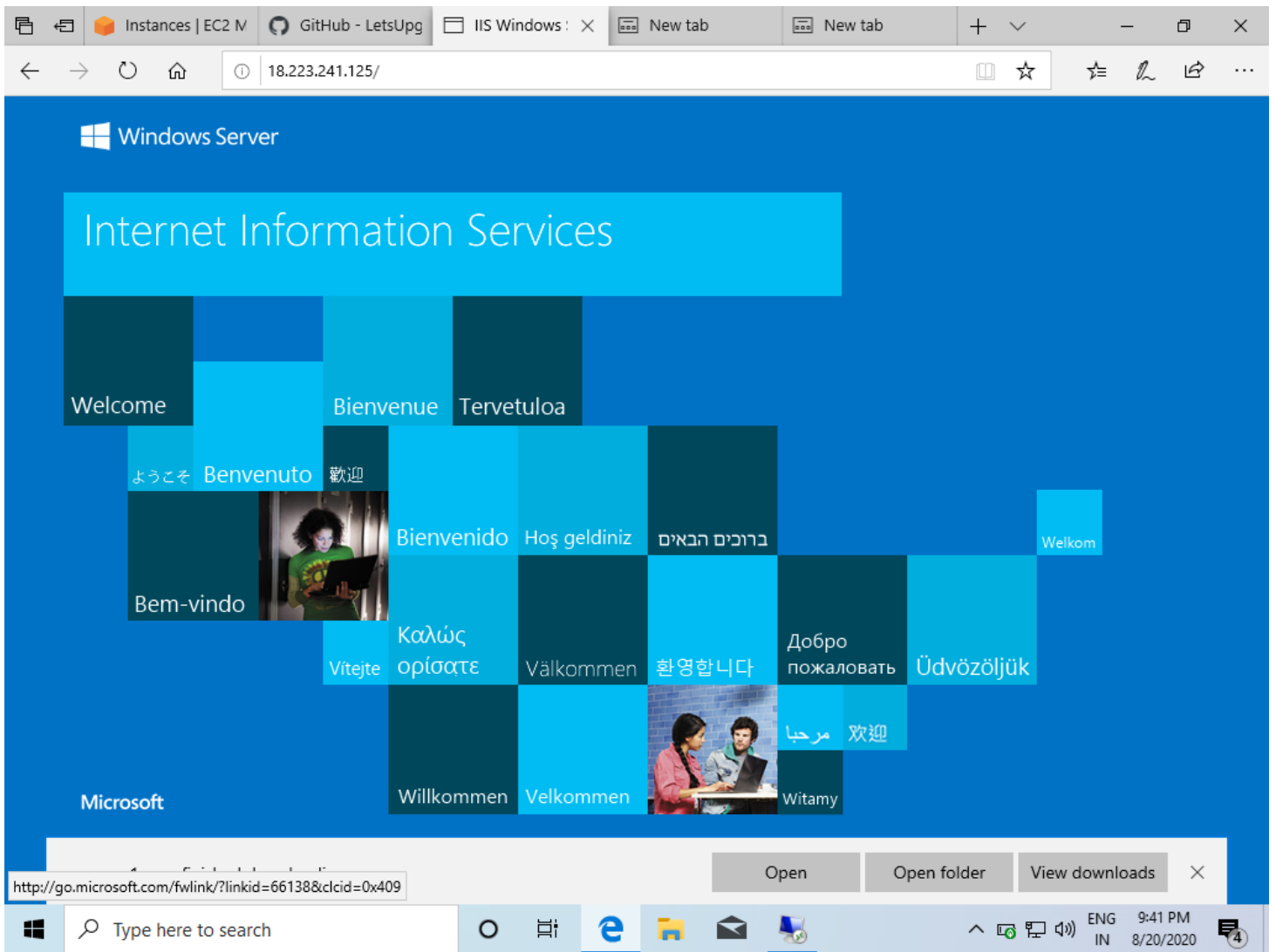
The screenshot displays the AWS Management Console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information for 'ravikiran' in the 'Ohio' region. The left sidebar shows the 'EC2 Dashboard' and various navigation links under 'Instances' and 'Images'. The main content area shows a list of EC2 instances with a search filter applied: 'i-09c4b2a8052faba4a'. A table lists the instance details:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks
windows	i-09c4b2a8052faba4a	t2.micro	us-east-2a	running	2/2 checks passed

Below the table, a detailed view of the instance is shown, including tabs for 'Description', 'Status Checks', 'Monitoring', and 'Tags'. The 'Description' tab is active, displaying the following information:

- Instance ID:** i-09c4b2a8052faba4a
- Public DNS (IPv4):** ec2-18-223-241-125.us-east-2.compute.amazonaws.com
- IPv4 Public IP:** 18.223.241.125
- IPv6 IPs:** -
- Elastic IPs:** -
- Instance state:** running
- Instance type:** t2.micro
- Finding:** Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)
- Private DNS:** ip-172-31-13-127.us-east-2.compute.internal
- Availability zone:** us-east-2a
- Private IPs:** 172.31.13.127
- Security groups:** [launch-wizard-9](#). view

A notification bar at the bottom of the console indicates 'swap1.pem finished downloading.' with buttons for 'Open', 'Open folder', and 'View downloads'. The Windows taskbar at the bottom shows the search bar, task view, and system tray with the time 10:03 PM on 8/20/2020.



PROJECT 2:

Activities

Firefox Web Browser

Fri 8:10 AM

Instances | EC2 Management Console - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

Instances | EC2 Management Console | AWS-Essentials/Project | Welcome to nginx!

https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Instances:search=i-0dbdab11e1a973d19

awsServicesResource Groups

New EC2 ExperienceTell us what you think

EC2 DashboardNewEventsNewTagsLimitsInstancesInstancesInstance TypesLaunch TemplatesSpot RequestsSavings PlansReserved InstancesDedicated HostsNewCapacity ReservationsImagesAMIs

Launch InstanceConnectActions

search : i-0dbdab11e1a973d19Add filter

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
	i-0dbdab11e1a973d19	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-13-58-175-13

Instance: i-0dbdab11e1a973d19Public DNS: ec2-13-58-175-13.us-east-2.compute.amazonaws.com

Description

Status Checks

Monitoring

Tags

Instance ID	i-0dbdab11e1a973d19	Public DNS (IPv4)	ec2-13-58-175-13.us-east-2.compute.amazonaws.com
Instance state	running	IPv4 Public IP	13.58.175.13
Instance type	t2.micro	IPv6 IPs	-
Finding	Opt-in to AWS Compute Optimizer for recommendations. Learn more	Elastic IPs	
Private DNS	ip-172-31-14-215.us-east-2.compute.internal	Availability zone	us-east-2a
Private IPs	172.31.14.215	Security groups	launch-wizard-8. view inbound rules. view outbound rules
Secondary private IPs		Scheduled events	No scheduled events

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Activities Terminal ▾ Fri 8:08 AM
ubuntu@ip-172-31-14-215: ~

File Edit View Search Terminal Tabs Help

ubuntu@ip-172-31-14-215: ~ x ravikiran@ravikiran-ThinkPad-L470: ~ x

root@ravikiran-ThinkPad-L470:/home/ravikiran/Desktop# file swap.pem
swap.pem: PEM RSA private key
root@ravikiran-ThinkPad-L470:/home/ravikiran/Desktop# ssh -i "swap.pem" ubuntu@ec2-13-58-175-13.us-east-2.compute.amazonaws.com
The authenticity of host 'ec2-13-58-175-13.us-east-2.compute.amazonaws.com (13.58.175.13)' can't be established.
ECDSA key fingerprint is SHA256:0WFMZHVqTXtTRKXj0le0EBYJRFVYv13XkCyXUvzmDQ.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-13-58-175-13.us-east-2.compute.amazonaws.com,13.58.175.13' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.3.0-1032-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Fri Aug 21 02:34:38 UTC 2020

System load: 0.1          Processes:           94
Usage of /:  14.4% of 7.69GB Users logged in:       0
Memory usage: 18%        IP address for eth0: 172.31.14.215
Swap usage:  0%

0 packages can be updated.
0 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

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

ubuntu@ip-172-31-14-215:~$ sudo apt-get -y update
```

