

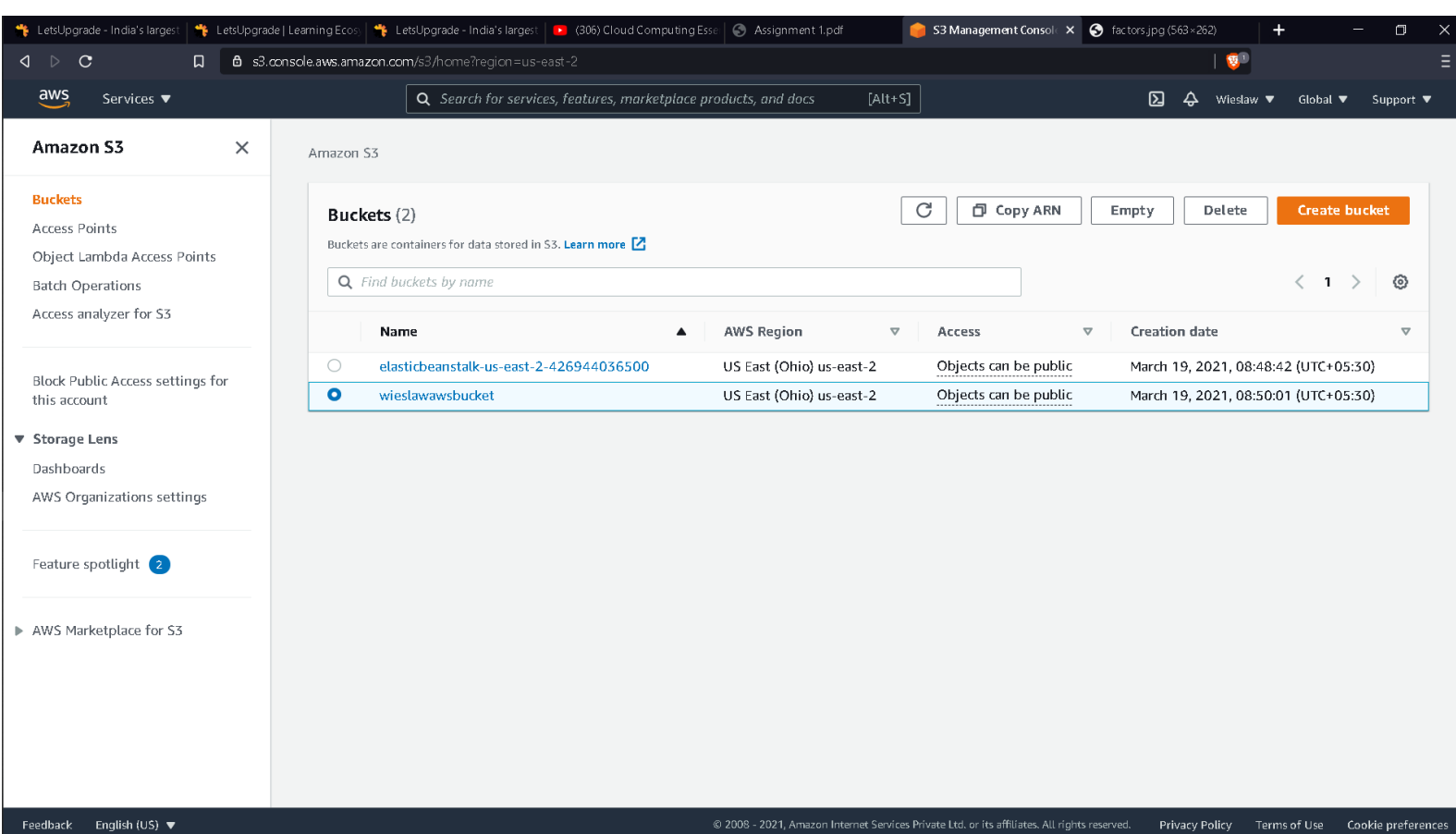
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Lets Upgrade Cloud Computing and DevOps

## Assignment 1

### Question 1. Working with s3 buckets



The screenshot shows the Amazon S3 console interface. The left sidebar contains navigation links for Buckets, Access Points, Object Lambda Access Points, Batch Operations, Access analyzer for S3, Storage Lens, Dashboards, AWS Organizations settings, Feature spotlight, and AWS Marketplace for S3. The main content area displays the 'Buckets (2)' section with a search bar and a table of buckets. The table has columns for Name, AWS Region, Access, and Creation date. Two buckets are listed: 'elasticbeanstalk-us-east-2-426944036500' and 'wieslawawsbucket'. The 'wieslawawsbucket' is selected and highlighted in blue.

Name	AWS Region	Access	Creation date
elasticbeanstalk-us-east-2-426944036500	US East (Ohio) us-east-2	Objects can be public	March 19, 2021, 08:48:42 (UTC+05:30)
wieslawawsbucket	US East (Ohio) us-east-2	Objects can be public	March 19, 2021, 08:50:01 (UTC+05:30)

wieslawawsbucket

## wieslawawsbucket

## Properties

### Permissions

## Metrics

## Management

## Access Points

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)



**Actions**

Create folder

**Upload**

< 1 > 

## Question 2. Working with EC2 Instance

The screenshot displays the AWS Management Console interface for the 'Instances' page. The top navigation bar includes the AWS logo, a search bar, and regional settings for 'Wielaw' and 'Ohio'. The left sidebar contains navigation links for 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances' (selected), 'Images', and 'Elastic Block Store'. The main content area shows a list of instances with the following table:

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input checked="" type="checkbox"/>	WebServer03...	i-0067d2cad63aac50f	Running	t2.micro	2/2 checks passed	No alarms	us-east-2b	ec2-18-217-175-1...

Below the table, the 'Instance: i-0067d2cad63aac50f (WebServer0321)' details are shown, with tabs for 'Details', 'Security', 'Networking', 'Storage', 'Status checks', 'Monitoring', and 'Tags'. The 'Details' tab is active. At the bottom, a footer bar contains copyright information and links to 'Privacy Policy', 'Terms of Use', and 'Cookie preferences'. A notification bar at the very bottom shows a file named 'webserver0321.pem' with a download icon.

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Cloud Computing Essential

(306) Cloud Computing I

Assignment 1.pdf

Instance details | EC2 M...

i-0067d2cad63aac50f (WebS...

Welcome to nginx!

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#instanceDetails:instanceId=i-0067d2cad63aac50f

awsServicesSearch[Alt+S]

WieslawOhioSupport

New EC2 ExperienceTell us what you think

EC2 DashboardNew

Events

Tags

Limits

InstancesNew

InstancesNew

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved InstancesNew

Dedicated Hosts

Capacity Reservations

Images

AMIs

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

▼ Instance detailsInfo

Platform	AMI ID	Monitoring
Ubuntu (inferred)	ami-08962a4068733a2b6	disabled
Platform details	AMI name	Termination protection
Linux/UNIX	ubuntu/images/hvm-ssd/ubuntu-focal-20.04-amd64-server-20210223	Enabled
Launch time	AMI location	Lifecycle
Fri Mar 19 2021 06:44:21 GMT+0530 (India Standard Time) (24 minutes)	099720109477/ubuntu/images/hvm-ssd/ubuntu-focal-20.04-amd64-server-20210223	normal
Stop-hibernate behavior	AMI Launch index	Key pair name
disabled	0	webserver0321
State transition reason	Credit specification	Kernel ID
-	standard	-
State transition message	Usage operation	RAM disk ID
-	RunInstances	-
Owner	Enclaves Support	
426944036500	-	
▼ Host and placement groupInfo		
Host ID	Affinity	Placement group

FeedbackEnglish (US)

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```
LetsUpgrade - India's largest and f... Cloud Computing Essential | Mar... (306) Cloud Computing Essen... Assignment 1.pdf Connect to instance | EC2 Manag... i-0067d2cad63aac50f (WebS...  
us-east-2.console.aws.amazon.com/ec2/v2/connect/ubuntu/i-0067d2cad63aac50f  
* Documentation: https://help.ubuntu.com  
* Management: https://landscape.canonical.com  
* Support: https://ubuntu.com/advantage  
  
System information as of Fri Mar 19 01:20:30 UTC 2021  
  
System load: 0.0 Processes: 100  
Usage of /: 16.3% of 7.69GB Users logged in: 0  
Memory usage: 23% IPv4 address for eth0: 172.31.23.41  
Swap usage: 0%  
  
1 update can be installed immediately.  
0 of these updates are security updates.  
To see these additional updates run: apt list --upgradable  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
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-172-31-23-41:~$
```

i-0067d2cad63aac50f (WebServer0321)

Public IPs: 18.217.175.103 Private IPs: 172.31.23.41



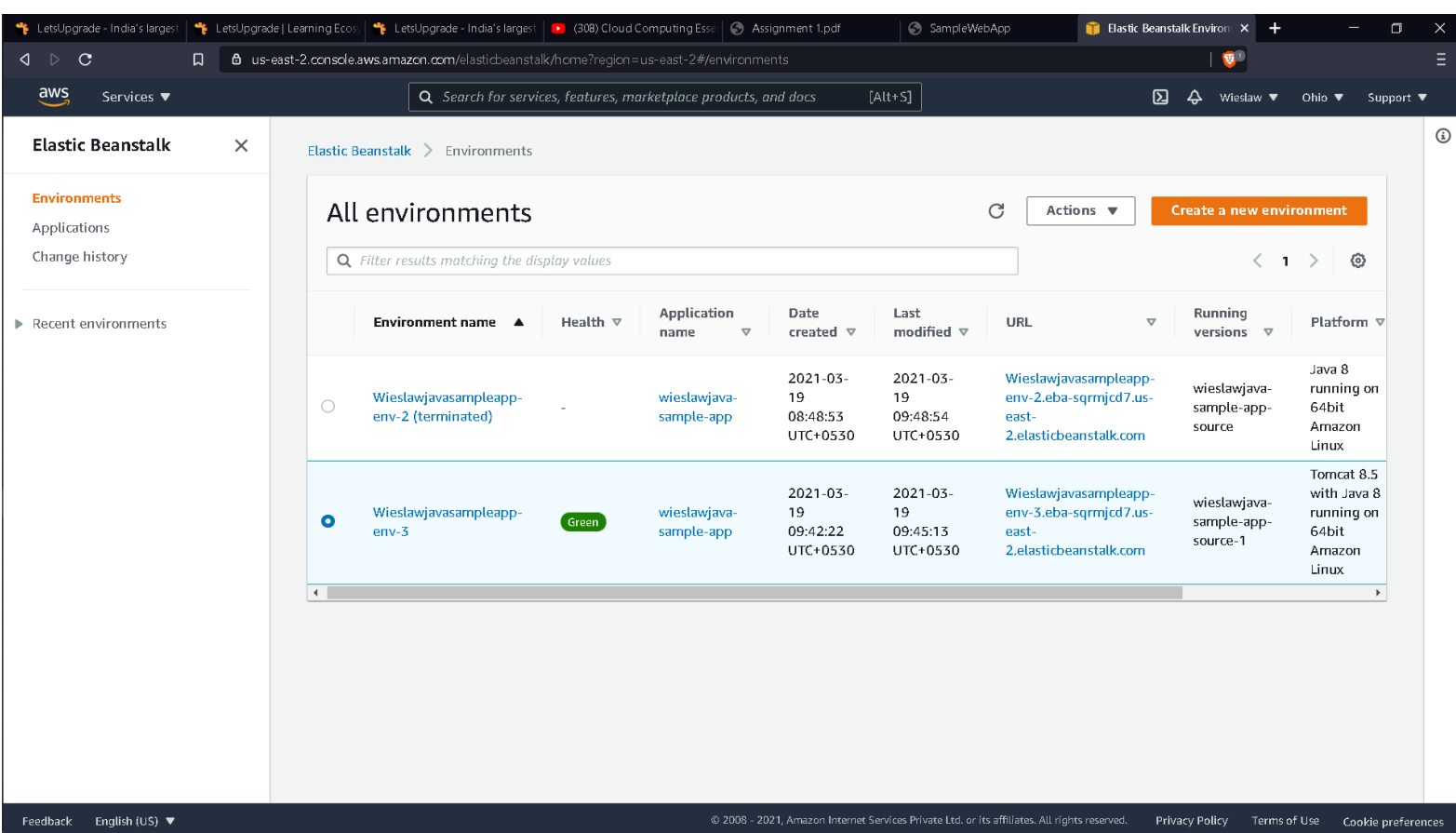
# Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*

## Question 3. Working with the Elastic Beanstalk



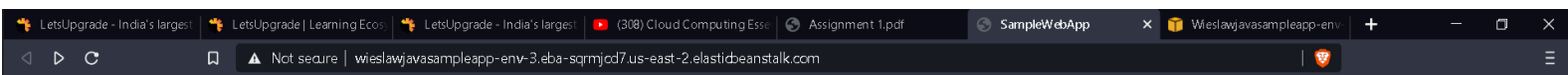
The screenshot shows the AWS Elastic Beanstalk console interface. The left sidebar contains navigation links: Elastic Beanstalk, Environments, Applications, Change history, and Recent environments. The main content area is titled "All environments" and includes a search bar, a refresh button, an "Actions" dropdown, and a "Create a new environment" button. Below these is a table listing the environments.

	Environment name ▲	Health ▼	Application name ▼	Date created ▼	Last modified ▼	URL ▼	Running versions ▼	Platform ▼
<input type="radio"/>	Wieslawjvasampleapp-env-2 (terminated)	-	wieslawjava-sample-app	2021-03-19 08:48:53 UTC+0530	2021-03-19 09:48:54 UTC+0530	Wieslawjvasampleapp-env-2.eba-sqrmjcd7.us-east-2.elasticbeanstalk.com	wieslawjava-sample-app-source	Java 8 running on 64bit Amazon Linux
<input checked="" type="radio"/>	Wieslawjvasampleapp-env-3	Green	wieslawjava-sample-app	2021-03-19 09:42:22 UTC+0530	2021-03-19 09:45:13 UTC+0530	Wieslawjvasampleapp-env-3.eba-sqrmjcd7.us-east-2.elasticbeanstalk.com	wieslawjava-sample-app-source-1	Tomcat 8.5 with Java 8 running on 64bit Amazon Linux

At the bottom of the console, there is a footer with "Feedback", "English (US)", and copyright information: "© 2008 - 2021, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved." along with links for "Privacy Policy", "Terms of Use", and "Cookie preferences".

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## Sample Web Application To Deploy and Test

click [Click to Invoke a SnoopServlet](#)