

This file about my course AWS Educate when I started

Register and pass courses on [AWS Educate](#). Filter by checking Topic Cloud Computing and Foundational Level. Feel free to pass more.

AWS S3

The screenshot shows the AWS Educate interface. On the left is a sidebar with navigation links: Домашняя страница, Модули, Аккаунт, Информационная панель, Курсы, История, and Справка. The main content area is titled 'COURSE MENU' and lists 10 items. Item 9, 'Continue your learning journey', is highlighted. To the right of the menu is a large blue box with the text 'Continue your learning journey'. To the right of this box is a list of 7 courses in the 'Getting Started' series, each with an icon and a status (either 'Coming soon!' or a checkmark). The courses are: 1. Getting Started with Storage, 2. Getting Started with Compute, 3. Getting Started with Networking, 4. Getting Started with Databases, 5. Getting Started with Cloud Operations, 6. Getting Started with Security, and 7. Getting Started with Serverless.

Course	Status
1. Getting Started with Storage	Coming soon!
2. Getting Started with Compute	Coming soon!
3. Getting Started with Networking	Coming soon!
4. Getting Started with Databases	Coming soon!
5. Getting Started with Cloud Operations	Coming soon!
6. Getting Started with Security	Coming soon!
7. Getting Started with Serverless	Coming soon!

Create static WEB site on AWS S3

The screenshot shows the AWS S3 console. At the top, there is a green banner that says 'Upload succeeded' and 'View details below.' Below this, the 'Summary' section shows the destination 's3://bucket-website-123' and the upload status 'Succeeded' with '3 files, 14.8 KB (100.00%)'. The 'Failed' status shows '0 files, 0 B (0%)'. Below the summary, the 'Files and folders' section is active, showing a list of 3 files: index.html, script.js, and style.css. Each file has a size and a status of 'Succeeded'.

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	9.8 KB	Succeeded	-
script.js	-	text/javascript	1.9 KB	Succeeded	-
style.css	-	text/css	3.1 KB	Succeeded	-

aws

Services

Search for services, features, blogs, docs, and more

[Alt+S]

Global

voclabs/user2245736=

@ 482...

Amazon S3 > Buckets > bucket-website-123 > Make public

Make public

The make public action enables public read access in the object access control list (ACL) settings. [Learn more](#)

⚠ When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects.

Specified objects

Find objects by name

< 1 >

Name	Type	Last modified	Size
index.html	html	November 1, 2022, 17:28:40 (UTC+02:00)	9.8 KB
script.js	js	November 1, 2022, 17:28:41 (UTC+02:00)	1.9 KB
style.css	css	November 1, 2022, 17:28:42 (UTC+02:00)	3.1 KB

Cancel

Make public

Feedback

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And test

S3 Management Console

bucket-website-123 - S3 bucket

My Static Website

bucket-website-123.s3-website-us-east-1.amazonaws.com

aws

Static Website

SERVED FROM AMAZON S3

APN Network

Home

AboutTransformationContactLocation

ABOUT US

The screenshot displays a Microsoft Excel spreadsheet titled "sample-report". The spreadsheet contains data for S3 bucket operations. The columns are labeled as follows:

- Service**: The provider of the service (e.g., AmazonS3).
- Operation**: The type of operation performed (e.g., HeadBucket, PutObject).
- UsageType**: The specific usage type (e.g., USW2-C3DataTransfer-Out-Bytes).
- Resource**: The resource name (e.g., lab-test-bucket-77).
- StartTime**: The start time of the operation (e.g., 10/31/2020 0:00).
- EndTime**: The end time of the operation (e.g., 12/31/2020 11:59).
- UsageValue**: The usage value (e.g., 15309).

The data is organized into 18 rows, with the first row being the header. The operations listed include HeadBucket, PutObject, PutObjectForReplication, and GetObjectForReplication, performed on various buckets such as lab-test-bucket-77 and lab-example-bucket. The usage values range from 128 to 56888.

Service	Operation	UsageType	Resource	StartTime	EndTime	UsageValue
AmazonS3	HeadBucket	USW2-C3DataTransfer-Out-Bytes	lab-test-bucket-77	10/31/2020 0:00	12/31/2020 11:59	15309
AmazonS3	PutObject	USW2-C3DataTransfer-In-Bytes	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	19032
AmazonS3	HeadBucket	USW2-Requests-Tier2	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	128
AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98765	10/31/2020 0:00	12/31/2020 11:59	56888
AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	mybucket-98766	10/31/2020 0:00	12/31/2020 11:59	254587
AmazonS3	GetObjectFor Replication	USW2-C3DataTransfer-Out-Bytes	mybucket-98767	10/31/2020 0:00	12/31/2020 11:59	235
AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	mybucket-98768	10/31/2020 0:00	12/31/2020 11:59	25589
AmazonS3	PutObject	USW2-Requests-Tier2	mybucket-98769	10/31/2020 0:00	12/31/2020 11:59	2348
AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	mybucket-98770	10/31/2020 0:00	12/31/2020 11:59	15309
AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	mybucket-98771	10/31/2020 0:00	12/31/2020 11:59	19032
AmazonS3	GetObjectFor Replication	USW2-C3DataTransfer-Out-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	128
AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	56888
AmazonS3	PutObject	USW2-Requests-Tier2	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	254587
AmazonS3	PutObjectForReplication	USW1-Request-SIA-Tier1	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	235
AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	25589

Amazon S3

Buckets

Access Points

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Block all public access

Off

Individual Block Public Access settings for this bucket

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts.

```
{
  "Version": "2012-10-17",
  "Id": "MyBucketPolicy",
  "Statement": [
    {
      "Sid": "BucketPutDelete",
      "Effect": "Deny",
      "Principal": "*",
      "Action": "s3:DeleteObject",
      "Resource": [
        "arn:aws:s3::bucket-website-123/index.html",
        "arn:aws:s3::bucket-website-123/script.js",
        "arn:aws:s3::bucket-website-123/style.css"
      ]
    }
  ]
}
```

Try DEL index.html

Delete objects: status

The information below will no longer be available after you navigate away from this page.

Summary

Source

s3://bucket-website-123

Successfully deleted

0 objects

Failed to delete

1 object, 9.8 KB

Failed to delete

Configuration

Failed to delete (1 object, 9.8 KB)

Find objects by name

Name	Folder	Type	Last modified	Size	Error
index.html	-	html	November 1, 2022, 17:57:15 (UTC+02:00)	9.8 KB	Access denied

S3 Management Console

bucket-website-123 - S3 bucket

My Static Website

bucket-website-123.s3.amazonaws.com/index.html

aws

Static Website

TEST MY UPDATE INDEX.HTML

APN Network

About

Transformation

Contact

Location

Test UPDATE file

Getting Started with Storage

Срок

Срок выполнения не задан

Баллы

100

Отправка

внешний инструмент

KEYBOARD SHORTCUTS

Final assessment results

Your Score: 100% (130 points)

Passing Score: 70% (91 points)

Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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▶

↺

🔊

⚙️

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Congratulations!

Владимир! You just earned a badge from Amazon Web Services Training and Certification 🎉 !



AWS Educate Getting Started with Storage

Issuer: Amazon Web Services Training and Certification

Started with Compute

Task 1: Launching your EC2 instance

Instances (1/1) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Web-Server	i-027b1882770af3f54	Running	t2.micro	Initializing	No alarms	us-east-1b	ec2-34-239-187-

Instance: i-027b1882770af3f54 (Web-Server)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance summary Info

Instance ID i-027b1882770af3f54 (Web-Server)	Public IPv4 address 34.239.187.125 open address	Private IPv4 addresses 10.0.2.179
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-34-239-187-125.compute-1.amazonaws.com open address
Hostname type IP name: ip-10-0-2-179.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-2-179.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.micro	AWS Compute Optimizer finding
Auto-assigned IP address	VPC ID	

Instance: i-027b1882770af3f54 (Web-Server)

Details | **Security** | Networking | Storage | Status checks | Monitoring | Tags

▼ Security details

IAM Role Lab-SSM-Role	Owner ID 634452451062	Launch time Wed Nov 02 2022 16:54:08 GMT+0200 (Восточная Европа, стандартное время)
Security groups sg-03518f9e2e2b161a7 (Web Server security group)		

▼ Inbound rules

Instance: i-027b1882770af3f54 (Web-Server)

Details | Security | **Networking** | Storage | Status checks | Monitoring | Tags

▼ Networking details Info

Public IPv4 address 34.239.187.125 open address	Private IPv4 addresses 10.0.2.179	VPC ID vpc-04d39b2a8f7e2ac9d (Lab VPC)
Public IPv4 DNS ec2-34-239-187-125.compute-1.amazonaws.com open address	Private IP DNS name (IPv4 only) ip-10-0-2-179.ec2.internal	Secondary private IPv4 addresses -
Subnet ID subnet-09234715241523838 (Public Subnet 2)	IPv6 addresses -	Outpost ID -
Availability zone us-east-1b	Carrier IP addresses (ephemeral) -	
Use RBN as guest OS hostname	Answer RBN DNS hostname IPv4	

Instance: i-027b1882770af3f54 (Web-Server)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Root device details

Root device name

/dev/sda1

Root device type

EBS

EBS optimization

disabled

▼ Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID
vol-0ad7c00f2ff97c6d5	/dev/sda1	30	Attached	Wed Nov 02 2022 16:54:09 ...	No	—

▼ Recent root volume replacement tasks

Filter tasks

Replace root volume

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Task 2: Monitor instance

Get system log

Info

When you experience issues with your EC2 instance, reviewing system logs can help you pinpoint the cause.

System log

Review system log for instance i-027b1882770af3f54 as of Wed Nov 02 2022 17:00:07 GMT+0200 (Восточная Европа, стандартное время)

Refresh

Copy log

Download

2022/11/02 14:55:58Z: Instance-ID: i-027b1882770af3f54

2022/11/02 14:55:58Z: Instance Type: t2.micro

2022/11/02 14:56:02Z: Driver: AWS PV Driver Package v8.4.2

2022/11/02 14:56:02Z: Launch: EC2 Launch v1.3.2003857

2022/11/02 14:56:02Z: SSM: Amazon SSM Agent v3.1.1732.0

2022/11/02 14:56:03Z: RDPCERTIFICATE-SUBJECTNAME: EC2AMAZ-R9ENHKK

2022/11/02 14:56:03Z: RDPCERTIFICATE-THUMBPRINT: 4350FBFAF1C487D0A69D10FC328087B8326ABE6B

2022/11/02 14:56:41Z: HibernationEnabled: false

2022/11/02 14:56:46Z: Message: Windows is Ready to use

2022/11/02 14:56:52Z: EC2LaunchTelemetry: IsTelemetryEnabled=true

2022/11/02 14:56:52Z: EC2LaunchTelemetry: AgentOsArch=windows_amd64

2022/11/02 14:56:52Z: EC2LaunchTelemetry: IsAgentScheduledPerBoot=false

2022/11/02 14:56:52Z: EC2LaunchTelemetry: IsUserDataScheduledPerBoot=false

2022/11/02 14:56:52Z: EC2LaunchTelemetry: AgentCommandErrorCode=1

2022/11/02 14:59:25Z: Amazon SSM Agent v3.1.1732.0 is running

2022/11/02 14:59:25Z: OsProductName: Windows Server 2019 Datacenter

2022/11/02 14:59:25Z: OsInstallOption: Full

2022/11/02 14:59:25Z: OsVersion: 10.0

2022/11/02 14:59:25Z: OsBuildLabEx: 17763.1.amd64fre.rs5_release.180914-1434

2022/11/02 14:59:26Z: Driver: AWS PV Driver Package v8.4.2

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EC2 > Instances > i-027b1882770af3f54 > Get instance screenshot

Get instance screenshot

Info

Instance screenshot

i-027b1882770af3f54 (Web-Server) on 2022-11-02 at T17:01:56.840 +02:00

Refresh

Download

Press Ctrl+Alt+Delete to unlock.

3:01

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Task 3: Updating security group and accessing the web server

The screenshot shows the AWS Management Console interface. On the left, the navigation sidebar is visible with categories like 'Instances', 'Images', and 'Elastic Block Store'. The main content area displays 'Security Groups (1/3)'. The 'Web Server security group' (sg-03518f9e2e2b161a7) is selected. Below, the 'Inbound rules (1/1)' section shows a single rule for HTTP traffic on port 80. A red arrow points to the 'Home Page' link in the left sidebar. The bottom of the image shows a browser window with the URL '34.239.187.125' and a page titled 'Home Page' with a background image of an owl. The page content includes a 'Welcome Students!' message and instructions about bird sightings.

Task 4: Connecting to your instance using AWS Systems Manager Fleet Manager

aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user2245736=

@ 634...

Fleet Manager - Remote Desktop

You can connect to a maximum of 4 nodes in this view.

All sessions | i-027b1882770af3f54

Node ID
i-027b1882770af3f54

Node name
Web-Server

Session time remaining
58 minutes

Actions

Feedback

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Task 5: Resizing your instance

aws

Services

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@ 634...

Successfully stopped i-027b1882770af3f54

EC2 > Instances > i-027b1882770af3f54 > Change instance type

Change instance type

You can change the instance type only if the current instance type and the instance type that you want are compatible.

Instance ID

i-027b1882770af3f54 (Web-Server)

Current instance type

t2.micro

Instance type

t2.nano

EBS-optimized

EBS-optimized is not supported for this instance type

Cancel

Apply

Feedback

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New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

Instances

Instances **New**
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances **New**
Dedicated Hosts
Scheduled Instances
Capacity Reservations

Images
AMIs **New**
AMI Catalog

Elastic Block Store

Instance type changed successfully

Successfully started i-027b1882770af3f54

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Web-Server	i-027b1882770af3f54	Running	t2.nano	-	No alarms	us-east-1b	ec2-3-89-7-86.cc

Instance: i-027b1882770af3f54 (Web-Server)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID i-027b1882770af3f54 (Web-Server)	Public IPv4 address -	Private IPv4 addresses 10.0.2.179
IPv6 address -	Instance state Pending	Public IPv4 DNS -
Hostname type IP name: ip-10-0-2-179.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-2-179.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.nano	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations.
Auto-assigned IP address -	VPC ID vpc-04d39b2a8f7e2ac9d (Lab VPC)	

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64. Task 6: Testing termination protection (From the Actions dropdown menu, choose Instance settings, and then choose Change termination protection) After that:

aws Services Search [Alt+S] N. Virginia voclabs/user2245736= @ 634...

New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

Instances

Instances **New**
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances **New**
Dedicated Hosts
Scheduled Instances
Capacity Reservations

Images
AMIs **New**
AMI Catalog

Elastic Block Store

Successfully removed termination protection for instance i-027b1882770af3f54. The instance can be terminated.

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status	Availability Zone	Public IPv4 DNS
Web-Server	i-027b1882770af3f54	Running	t2.nano	2/2	us-east-1b	ec2-3-89-7-86.cc

Instance: i-027b1882770af3f54 (Web-Server)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID i-027b1882770af3f54 (Web-Server)	Public IPv4 address 3.89.7.86 open address	Private IPv4 addresses 10.0.2.179
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-3-89-7-86.compute-1.amazonaws.com open address
Hostname type IP name: ip-10-0-2-179.ec2.internal	Private IP DNS name (IPv4 only) ip-10-0-2-179.ec2.internal	Elastic IP addresses -
Answer private resource DNS name IPv4 (A)	Instance type t2.nano	AWS Compute Optimizer finding
Auto-assigned IP address	VPC ID	

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New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

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Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name

Instance ID

Instance state

Instance type

Status check

Alarm status

Availability Zone

Public IPv4 DNS

Web-Server

i-027b1882770af3f54

Terminated

t2.nano

-

No alarms

us-east-1b

-

Instance: i-027b1882770af3f54 (Web-Server)

DetailsSecurityNetworkingStorageStatus checksMonitoringTags

Root device details

Root device name

/dev/sda1

Root device type

EBS

EBS optimization

disabled

Block devices

Filter block devices

Volume ID

Device name

Volume size (GiB)

Attachment status

Attachment time

Encrypted

KMS key ID

No block devices attached to this instance

Recent root volume replacement tasks

Feedback

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EDCOMPv1EN-US-817 > Задания > Final Assessment

Домашняя
страница
Модули

Final Assessment

Срок Сроки выполнения не задан Баллы 100 Отправка внешний инструмент

KEYBOARD SHORTCUTS

Final assessment results

Your Score: 80% (120 points)

Passing Score: 70% (105 points)

Result:

Congratulations! You passed.

Review Quiz

Retry Quiz

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Your badge is waiting for you!

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AWS Educate Getting Started with Storage
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