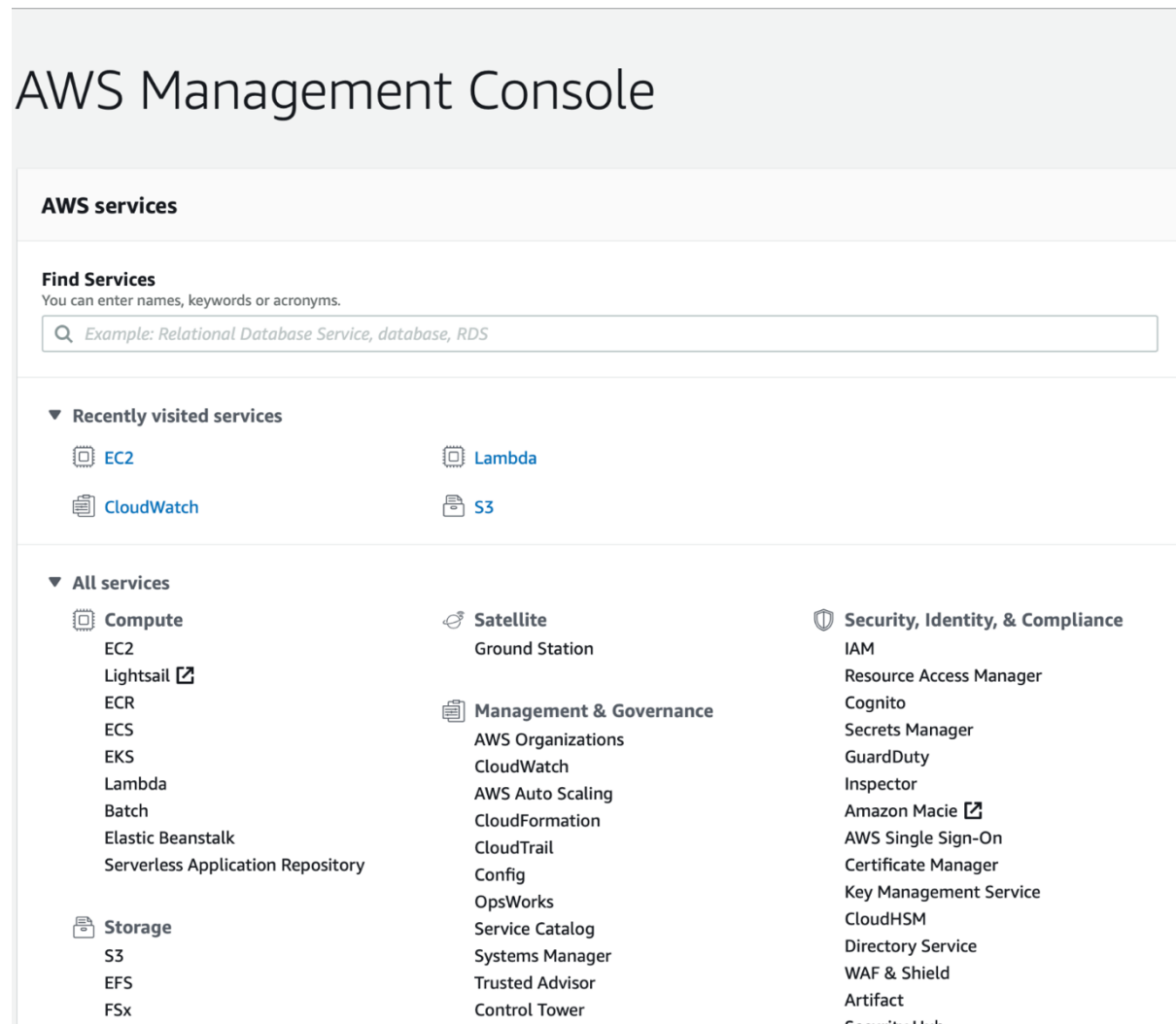# EXPERIMENT-3: EBS volume creation [IaaS]

Steps:

1. Login to an AWS account and select the desired region in the top right corner of the browser. Click on "Services" at the top left corner of the screen and select "EC2."

2. In the left navigation pane, under "EC2 Dashboard," locate the "Elastic Block Store" subsection and select "Volumes." A dialog displays. Click "Create Volume".

3. In the pop-up window, customize the volume (type, size, IOPS or throughput), select the desired Availability Zone, and decide whether or not to use encryption. Click "Create".

Screenshots:

You do not have any EBS volumes in this region.

Click the Create Volume button to create your first volume.

Create Volume

Create Volume

Volume Type	General Purpose SSD (gp2) ▾ ❶
Size (GiB)	100 (Min: 1 GiB, Max: 16384 GiB) ❶
IOPS	300 / 3000 (Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS) ❶
Availability Zone*	us-east-1a ▾ ❶
Throughput (MB/s)	Not applicable ❶
Snapshot ID	Select a snapshot ▾ ↻ ❶
Encryption	☐ Encrypt this volume

Key (128 characters maximum)	Value (256 characters maximum)

This resource currently has no tags

Choose the Add tag button or **click to add a Name tag**

Add Tag 50 remaining (Up to 50 tags maximum)

* Required   Cancel   **Create Volume**

Create Volume

✓ **Volume created successfully**

Volume ID   vol-0eba7d4d719969095

Close

Create Volume | Actions ˅

Tags
Reports
Limits

INSTANCES
Instances
Instance Types
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Savings Plans
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Scheduled Instances
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IMAGES
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Bundle Tasks

ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager

NETWORK & SECURITY

Q Filter by tags and attributes or search by keyword

1 to 1 of 1

	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	Attachment Information	Monitoring
		vol-0eba7d4...	100 GiB	gp2	300		November 26, 2019...	us-east-1a	available	None		