

# Guided Lab: Purchasing Reserved Instance (Mock)

## Description

Amazon EC2 provides various purchasing options to help you manage costs effectively based on your specific requirements. One key option is Reserved Instances (RI). Think of RIs not as physical instances, but more like a pricing plan or subscription. When you opt for an RI, you're essentially committing to a particular type and amount of compute capacity in a specific region for a fixed period – either 1 or 3 years. In return for this commitment, you receive a significant discount on your EC2 costs, similar to how a subscription service might offer lower rates for a longer-term commitment. This approach is particularly cost-effective for workloads with predictable usage patterns.

Throughout the lab, you'll gain experience on how to purchase a Reserved Instance as well as understand the concept of this purchasing option that will empower you to make informed decisions when it comes to adopting Reserved Instances.

## Objectives

In this lab, you will:

- Understand the Concept of EC2 Instance Purchasing Options
- Gain experience in purchasing a Reserved Instance

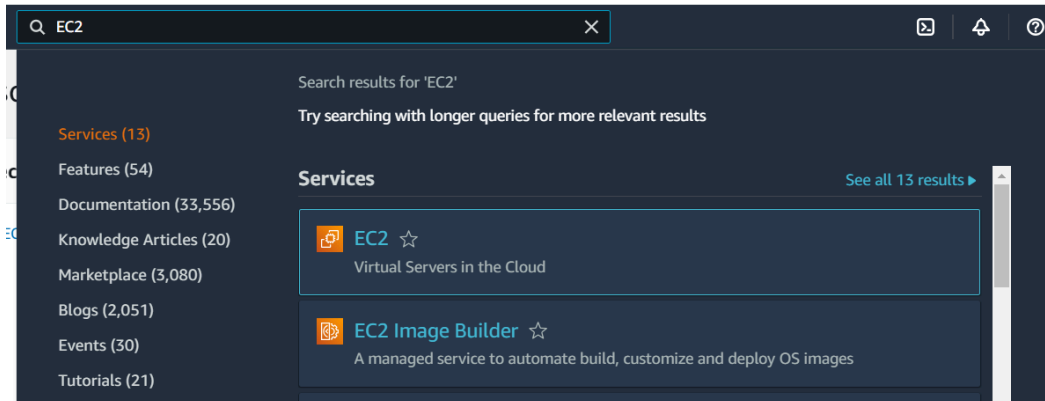
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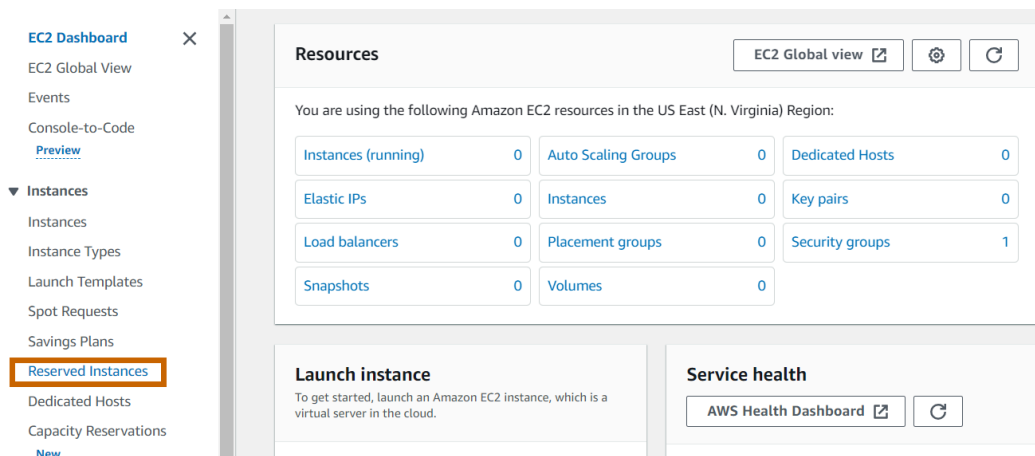
# Lab Steps

## Purchasing a Reserved Instance (Mock)

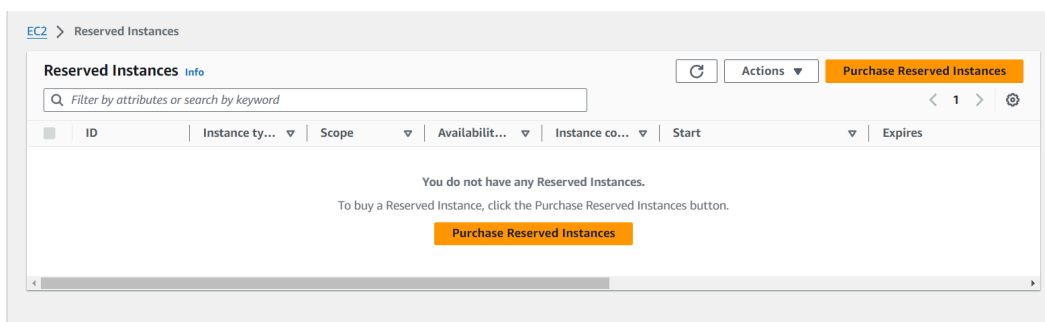
1. Navigate to the search bar, type "EC2", and click to open the EC2 Dashboard.



2. In the navigation pane, choose **Reserved Instances** under the **Instances**.



3. Click the **Purchase Reserved Instances** button and a window will prompt.



4. Filter the required details for the reserved instance to be purchased and click **search**. If you have found the desired instance type, add it to the cart, then select **View Cart** For this lab, follow the

configuration below:

- **Platform:** Linux
- **Tenancy:** Default
- **Offering class:** Standard
- **Instance type:** t3.micro
- **Term:** 1 month to 12 months
- **Payment option:** All Upfront

**Purchase Reserved Instances**

Only show offerings that reserve capacity

Platform: Linux/UNIX, Tenancy: Default, Offering class: Standard, Instance type: t3.micro, Term: 1 month to 12 months, Payment option: All upfront

	Effective rate	Upfront price	Hourly rate	Payment option	Offering class	Quantity available	Desired quantity	Normalized units per hour
1	\$0.006	\$53.00	\$0.000	All upfront	Standard	Unlimited	1	0.5

Your cart: 1 Reserved Instance, total due now: **\$53.00**  
Average monthly recurring cost: **\$0.00**  
Additional taxes may apply.

Cancel View cart

5. To see a summary of the Reserved Instances that you selected, choose **View cart**.

**Purchase Reserved Instances**

Save money with an AWS Savings Plan  
AWS Savings Plan is an easy-to-use, flexible pricing model that offers discounts on Amazon EC2 instance usage costs. Create a savings plan now to start saving on your Amazon EC2 instance usage costs. [Learn more](#)

**Shopping cart**

Items to order	Offering class	Region	Upfront price	Hourly price	Order on
All upfront Linux/UNIX t3.micro for 12 months Payment terms: Upfront Sold by: Amazon <a href="#">Edit</a> <a href="#">Delete</a>	Standard	US East (N. Virginia)	\$53.00	\$0.000	Now

Your cart: 1 Reserved Instance, total due now: **\$53.00**  
Average monthly recurring cost: **\$0.00**  
Additional taxes may apply.

Delete selected items (0) Add more to cart Order all

When you choose **Order all**, your Reserved Instance order is submitted and you are immediately charged any applicable upfront fees.

6. If **Order On** is **Now**, the purchase is completed immediately after you choose **Order all**. To queue a purchase, choose **Now** and select a date. You can select a different date for each eligible offering in the cart. The purchase is queued until 00:00 UTC on the selected date.

Save money with an AWS Savings Plan

AWS Savings Plan is an easy-to-use, flexible pricing model that offers discounts on Amazon EC2 instance usage costs. Create a savings plan now to start saving on your Amazon EC2 instance usage costs. [Learn more](#)

Shopping cart

	Offering class	Region	Upfront price	Hourly price	Order on	Quantity
Linux t3.micro for 12 months	Standard	US East (N. Virginia)	\$53.00	\$0.000	2024/01/16 00:00 UTC	1

Your cart: 1 Reserved Instance, total due now: **\$53.00**

Average monthly recurring cost: **\$0.00**

Additional taxes may apply.

Delete selection

When you choose this option, your order is submitted and you will be charged the applicable upfront fees.

Order all

7. To complete the order, choose **Order All**. Please note that this lab is only a mock purchase therefore you cannot proceed in ordering it.

Purchase Reserved Instances

Items that failed to purchase

Offering class

Region

Upfront price

Hourly price

Order on

All Upfront Linux/UNIX t3.micro for 12 months

Payment terms: Upfront

Sold by: Amazon

Error: You are not authorized to perform this operation.

User: am:aws:iam::957764111757:user/Playcloud-GHgMTebO95 is not authorized to perform: ec2:PurchaseReservedInstanceOffering with an explicit deny in an identity-based policy (Status Code: 403; Error Code: UnauthorizedOperation; Request ID: 6a7a0786-825c-4999-ac7d-6ca198b278c2)

standard

US East (N. Virginia)

\$53.00

\$0.000

2024/01/16

Update cart

Close