

# PROJECT-1 LEMP-LEMP

Launch instance steps:

## 1. ENTER INSTANCE NAME

The screenshot shows the AWS EC2 'Launch an instance' wizard. At the top, there's a blue header bar with the AWS logo, a search bar, and navigation links for 'EC2 > Instances > Launch an instance'. Below this is a message box with an info icon and the text: 'It seems like you may be new to launching instances in EC2. Take a walkthrough to learn about EC2, how to launch instances and about AMIs.' It contains two buttons: 'Take a walkthrough' and 'Do not show me this message again.' The main content area is titled 'Launch an instance' with an 'Info' link. It says: 'Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.' Below this is a 'Name and tags' section with an 'Info' link. It has a 'Name' field containing 'LEMP-LEMP' and a 'Add additional tags' button.

## 2. SELECT AMI

The screenshot shows the 'Application and OS Images (Amazon Machine Image)' section of the AWS EC2 interface. At the top, there's a title with a dropdown arrow and an 'Info' link. Below it is a search bar with the placeholder 'Search our full catalog including 1000s of application and OS images'. Underneath is a navigation bar with tabs: 'Recents' and 'Quick Start' (which is currently selected). There are seven cards representing different AMI categories: 'Amazon Linux' (with the AWS logo), 'macOS' (with a Mac logo), 'Ubuntu' (with a blue background and 'ubuntu' logo), 'Windows' (with a Microsoft logo), 'Red Hat' (with a Red Hat logo), 'SUSE Linux' (with a SUSE logo), and 'Debian' (partially visible with a 'De' logo). To the right of these cards is a search icon and a link 'Browse more AMIs'. A note below states: 'Including AMIs from AWS, Marketplace and the Community'.

### 3. CHOOSE / CREATE KEY PAIR & LAUNCH INSTANCE

The screenshot shows the AWS EC2 'Launch an instance' wizard. The left pane displays the 'Instance type' selection screen, where the 't3.micro' instance type is chosen. It provides details like Family: t3, 2 vCPU, 1 GiB Memory, Current generation: true, and various On-Demand base pricing options. Below this, a note states 'Additional costs apply for AMIs with pre-installed software'. The right pane shows the 'Summary' step, which includes the selected number of instances (1), the Software Image (AMI) (Canonical, Ubuntu, 24.04, amd64), the Virtual server type (instance type) (t3.micro), the Firewall (security group) (New security group), and Storage (volumes) (1 volume(s) - 8 GiB). At the bottom, there are 'Cancel', 'Launch instance' (highlighted in orange), and 'Preview code' buttons.

**Instance type** [Info](#) | [Get advice](#)

**t3.micro** Free tier eligible

Family: t3 2 vCPU 1 GiB Memory Current generation: true  
On-Demand Ubuntu Pro base pricing: 0.0167 USD per Hour  
On-Demand RHEL base pricing: 0.042 USD per Hour  
On-Demand Windows base pricing: 0.0224 USD per Hour  
On-Demand SUSE base pricing: 0.0132 USD per Hour  
On-Demand Linux base pricing: 0.0132 USD per Hour

**Additional costs apply for AMIs with pre-installed software**

**Key pair (login)** [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

**Key pair name - required**

sydneykey

[Create new key pair](#)

**Summary**

**Number of instances** [Info](#)

1

**Software Image (AMI)**  
Canonical, Ubuntu, 24.04, amd64...[read more](#)  
ami-0ba8d27d35e9915fb

**Virtual server type (instance type)**  
t3.micro

**Firewall (security group)**  
New security group

**Storage (volumes)**  
1 volume(s) - 8 GiB

[Cancel](#) [Launch instance](#) [Preview code](#)

