

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ НАЦІОНАЛЬНИЙ
ТЕХНІЧНИЙ УНІВЕРСИТЕТ
«ДНІПРОВСЬКА ПОЛІТЕХНІКА»

ФАКУЛЬТЕТ ІНФОРМАЦІЙНИХ ТЕХНОЛОГІЙ

Кафедра системного аналізу та управління

Лабораторна робота №5

з дисципліни

«Аналіз програмного забезпечення»

Виконала:

студентка групи 122-22-6
Заболотна Анастасія Ігорівна

Перевірив:

доцент
Мінеєв Олександр Сергійович

Дніпро

2025

Тема: AWS EC2.

Мета роботи: набування навичок створення та розміщення віртуального сервера за допомогою AWS EC2.

Хід роботи

Крок 1. Створюємо та запускаємо Instance.

The screenshot shows the 'Launch an instance' page in the AWS Management Console. The breadcrumb navigation at the top reads 'EC2 > Instances > Launch an instance'. The page is divided into sections. The first section, 'name and tags', has a 'Name' field containing 'My-work-apz' and a link to 'Add additional tags'. The second section, 'Application and OS Images (Amazon Machine Image)', includes a search bar and a 'Quick Start' tab. Under 'Quick Start', there are tiles for various operating systems: Amazon Linux, macOS, Ubuntu, Windows (highlighted with a blue border), Red Hat, SUSE Linux, and Debian. To the right of these tiles is a 'Browse more AMIs' link with a magnifying glass icon and a note that it includes AMIs from AWS, Marketplace, and the Community.

Створення key pair:

The screenshot shows the 'Create key pair' dialog box. It has a title bar with a close button (X). The first section, 'Key pair name', has a text field with 'my-work-key' and a note: 'The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.' The second section, 'Key pair type', has two radio button options: 'RSA' (selected) and 'ED25519'. The 'RSA' option is described as 'RSA encrypted private and public key pair'. The 'ED25519' option is described as 'ED25519 encrypted private and public key pair (Not supported for Windows instances)'. The third section, 'Private key file format', has two radio button options: '.pem' (selected) and '.ppk'. The '.pem' option is described as 'For use with OpenSSH'. The '.ppk' option is described as 'For use with PuTTY'. At the bottom, there is a warning box with a yellow triangle icon: 'When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more'. At the very bottom are two buttons: 'Cancel' and 'Create key pair'.

Налаштування Configure Storage:

▼ **Configure storage** [Info](#)

Advanced

1x GiB ▼ Root volume, 3000 IOPS, Not encrypted

[Add new volume](#)

The selected AMI contains instance store volumes, however the instance does not allow any instance store volumes. None of the instance store volumes from the AMI will be accessible from the instance

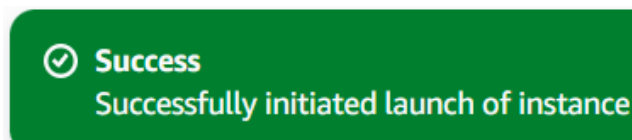
⌚ Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

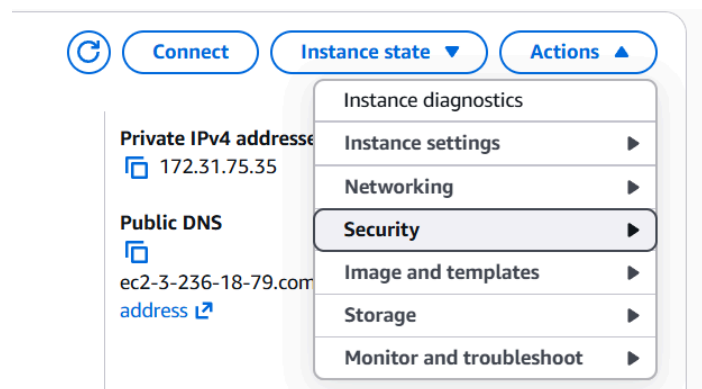
↻

0 x File systems [Edit](#)

Успішне створення Instance:



Крок 2. Отримання зашифрованого паролю.



Key pair associated with this instance

my-work-key

Private key

Either upload your private key file or copy and paste its contents into the field below.

[Upload private key file](#)

Крок 3. Підключаємося до створеного ПК.

