

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



Факультет інформаційних технологій
Кафедра системного аналізу та управління

Звіт
з практичної роботи №5 з дисципліни
«Аналіз програмного забезпечення»

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

Виконання роботи

Крок 1. Створюємо та запускаємо Instance:

EC2 > Instances > Launch an instance

Launch an instance

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.

Name and tags

Name

Dovhalov-APZ5-PC

Add additional tags

Application and OS Images (Amazon Machine Image)

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose Browse more AMIs.

Search our full catalog including 1000s of application and OS images

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

aws

Mac

ubuntu

Microsoft

Red Hat

SUSE

debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Microsoft Windows Server 2025 Base

ami-010e40c6557403885 (64-bit (x86))

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Create key pair



Key pair name

Key pairs allow you to connect to your instance securely.

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type



RSA

RSA encrypted private and public key pair



ED25519

ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format



.pem

For use with OpenSSH



.ppk

For use with PuTTY



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](#)

Cancel

Create key pair

▼ 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](#)



Success

Successfully initiated launch of instance ([i-0a1b35b1f0d874b40](#))

Крок 2. Отримання зашифрованого паролю:

Get Windows password [Info](#)

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID

 i-0a1b35b1f0d874b40 (Dovhalov-APZ5-PC)

Key pair associated with this instance

 dovhalov-apz5-key

Private key

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

 Upload private key file

dovhalov-apz5-key.pem



1.67 KB

Private key contents

```
-----BEGIN RSA PRIVATE KEY-----
MIIEowIBAAKCAQEAR5xY/Uy/7kX9cS9xMY39bkckLin5QOGslahGzhBfw03ynz22
pZNydwjlwc6O+ItFVtFQAYQO1xBCPOwsNBBGZICMjGbsJ+SkycEmEJY4kihlRmR3
YuSxSktTQ6PBB5JnOwifsg9nAuUbFBo22aTvPYaOlFdvIP3S7+0RE86k7PNvoBpW
Uz9voSEyPuu5PZRLZSgPGix7+4LID7P5gv/j11tNd3oAOGopRa1GH3he5QmncjMA
F3lpPkN+PmD1hBgSsHLrK9NPq3CupebVfDkUBq9+eSiW4LwAU+gqrr4TRFnaSqs1
l6kQ0fmzzPSCq3FxA8V8QT/SNVP9CRFTDcxH+QIDAQABAoIBAQCkVzSTdt7MKj7Z
53HYg+7d7RVHeLFut1lqHEKLGsMV7FXxtlAqN9m4hCcC5mli0jQxjHrnvoQiUCCe
```

Крок 3. Підключаємося до створеного ПК:

