

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»

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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.

Launch an instance Info

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 Info

Name

nekrasov-instance-apz

Add additional tags

▼ Application and OS Images (Amazon Machine Image) Info

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](#).

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

Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Linux

SUSE

Debian

debian

Q

[Browse more AMIs](#)

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Створення key pair:

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

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:

🟢 Success

Successfully initiated launch of instance (i-0c84660bc6b7a4e44)

▶ Launch log

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-0c84660bc6b7a4e44](#) (nekrasov-instance-apz)

Key pair associated with this instance
🔗 [lab5-key](#)

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

[📁 Upload private key file](#)

Private key contents

Private key contents

Get Windows password



Connect to your Windows instance using Remote Desktop with this information.


Instance ID

 i-0c84660bc6b7a4e44 (nekrasov-instance-apz)

Private IP address

 172.31.25.176

Username

 Administrator

Password

 KDSVaz-tcM@=O27F&POe=a6lih2KYXVa

Password change recommended

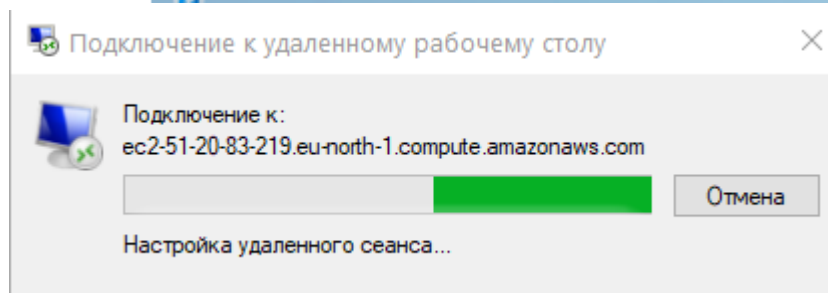
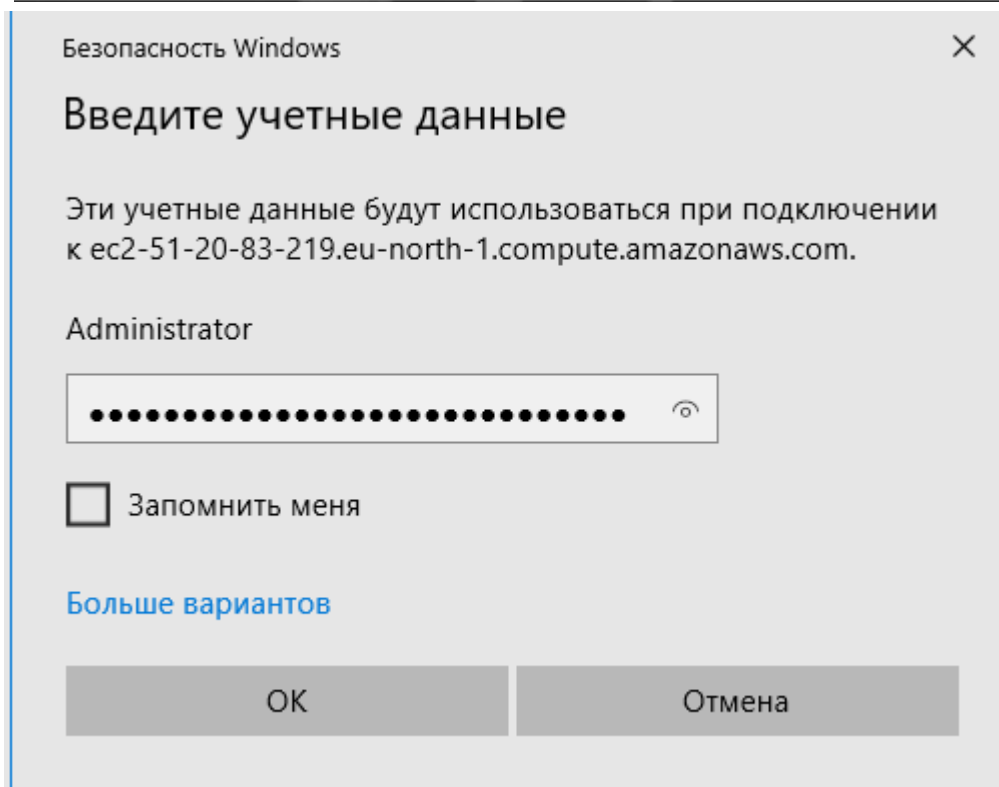
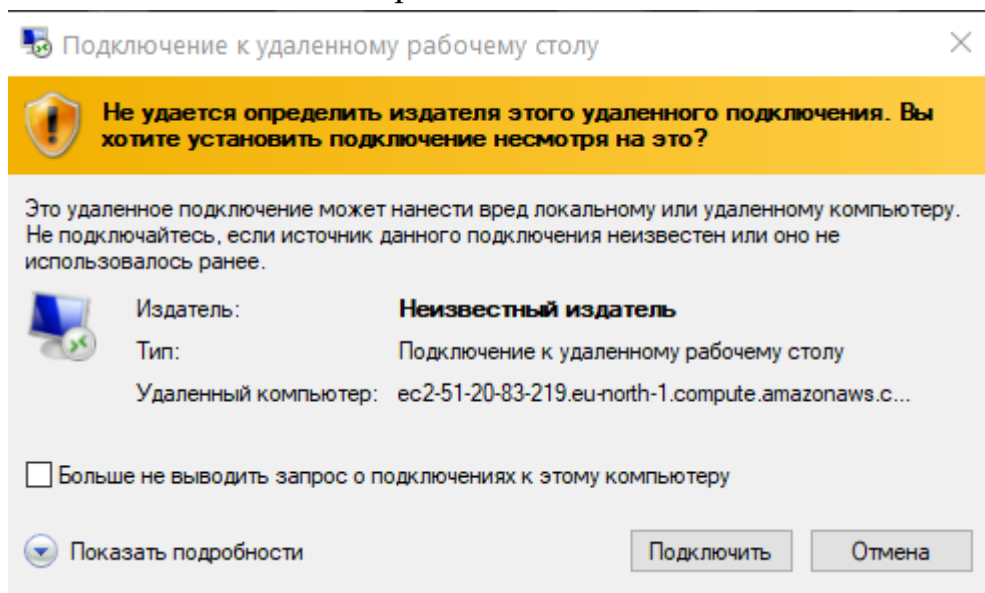
We recommend that you change your default password. Note: If a default password is changed, it cannot be retrieved using this tool. It is important that you change your password to one that you will remember.

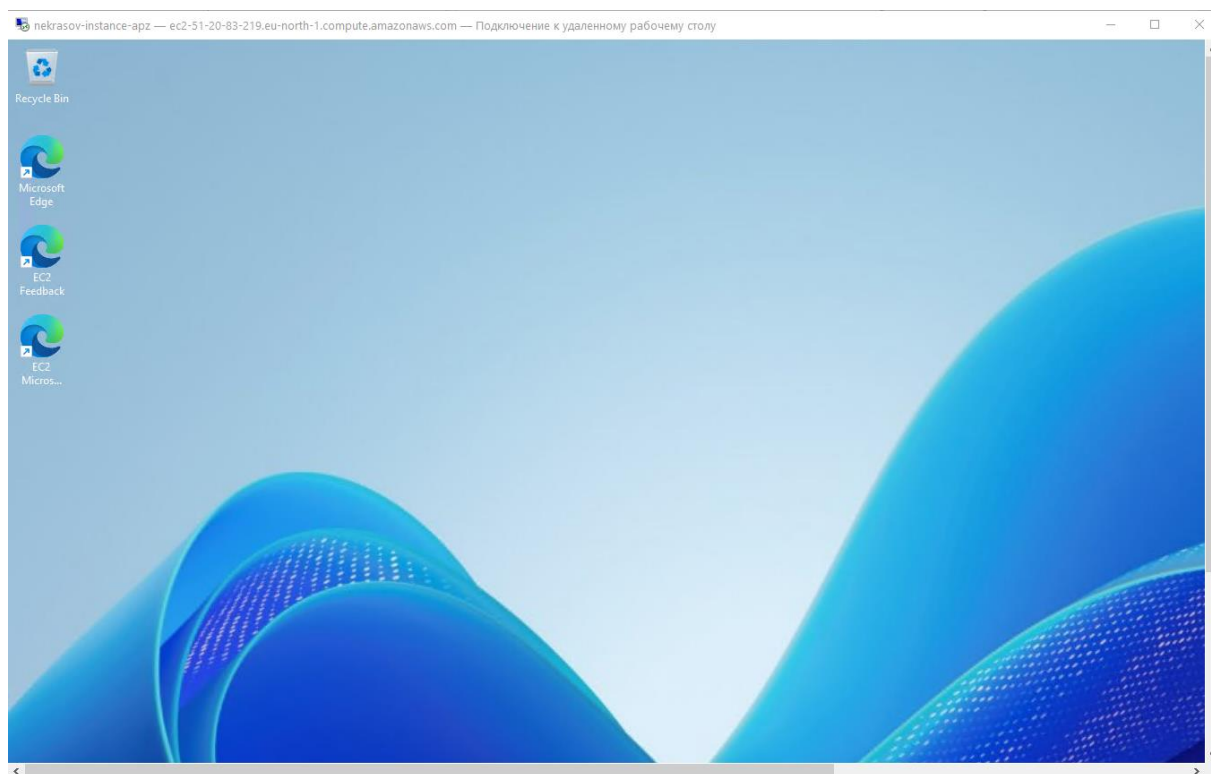
Cancel

OK

KDSVaz-tcM@=O27F&POe=a6lih2KYXVa

Крок 3. Підключаємося до створеного ПК.





Тож все працює.