

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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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 AWS Launch an instance wizard. It consists of two main sections:

- Name and tags**: A step where you can enter the name of the instance. The input field contains "nekrasov-instance-apz". There is also a link to "Add additional tags".
- Application and OS Images (Amazon Machine Image)**: A step where you can choose the operating system and applications for your instance. It includes a search bar labeled "Search our full catalog including 1000s of application and OS images". Below the search bar is a "Quick Start" section with icons for various AMIs: Amazon Linux, macOS, Ubuntu, Windows, Red Hat, SUSE Linux, and Debian. To the right of this section is a "Browse more AMIs" button with a magnifying glass icon, which includes a note: "Including AMIs from AWS, Marketplace and the Community".

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

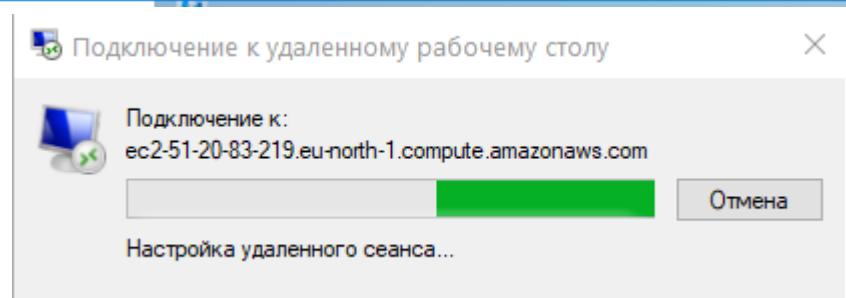
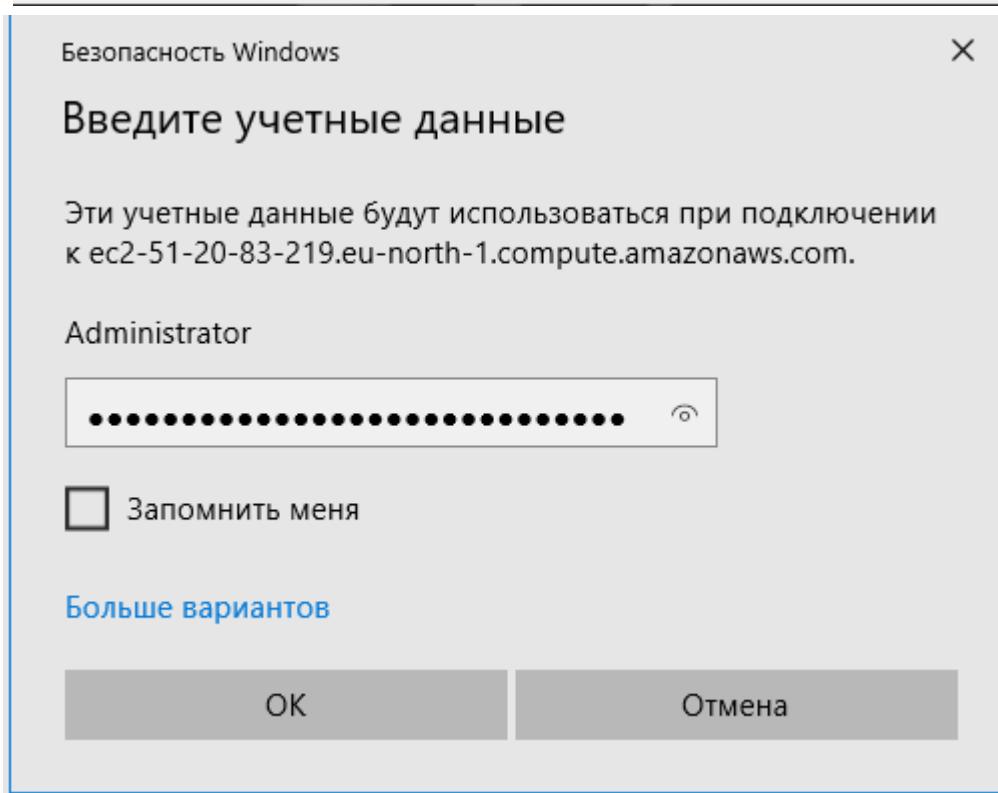
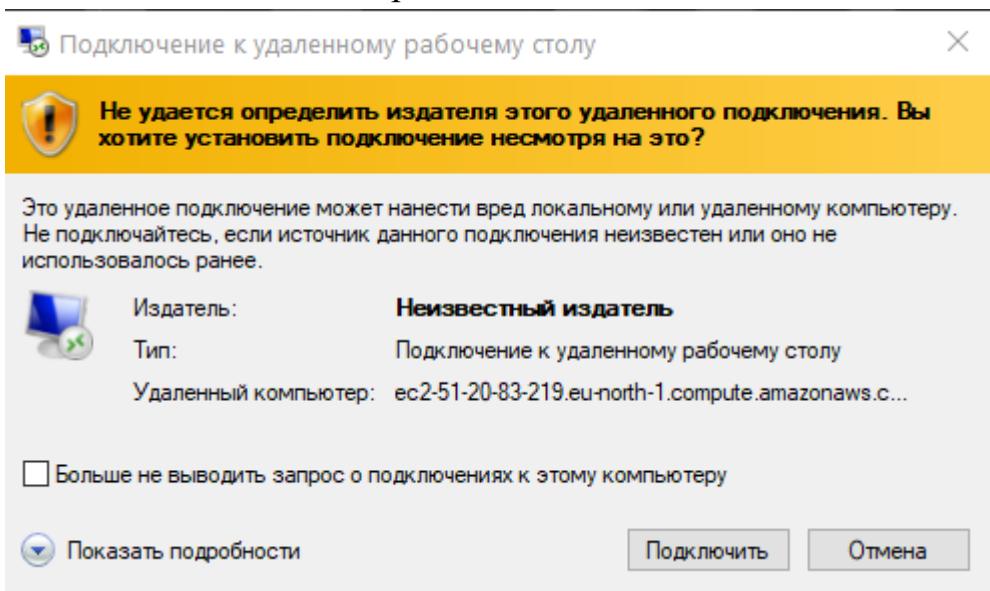
We recommend that you change your default password. Note: If a default password is changed, it cannot be retrieved using this tool. It is important that you change your password to one that you will remember.

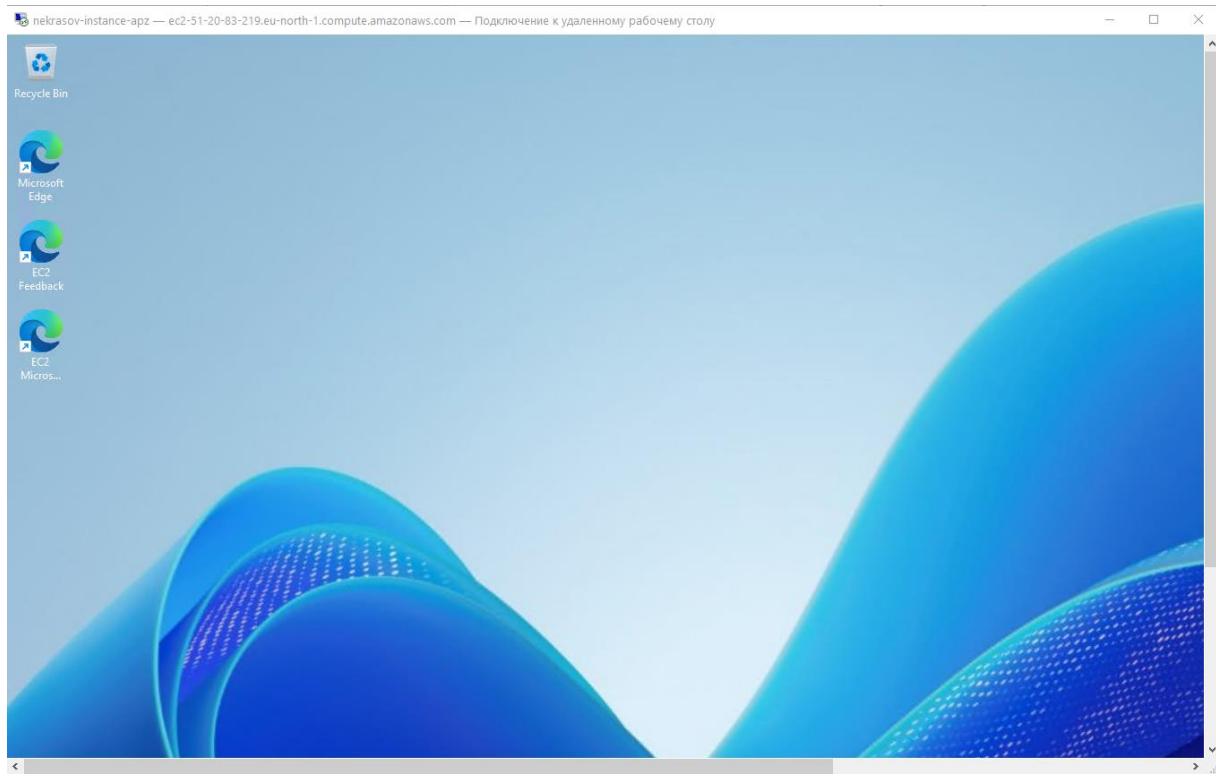
Cancel

OK

KDSVaz-tcM@=O27F&POe=a6lih2KYXVa

Крок 3. Підключаємося до створеного ПК.





Тож все працює.