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**Національний технічний університет «Дніпровська політехніка»**



**Практична робота №5**  
з дисципліни:  
**«Аналіз програмного забезпечення»**

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**м. Дніпро  
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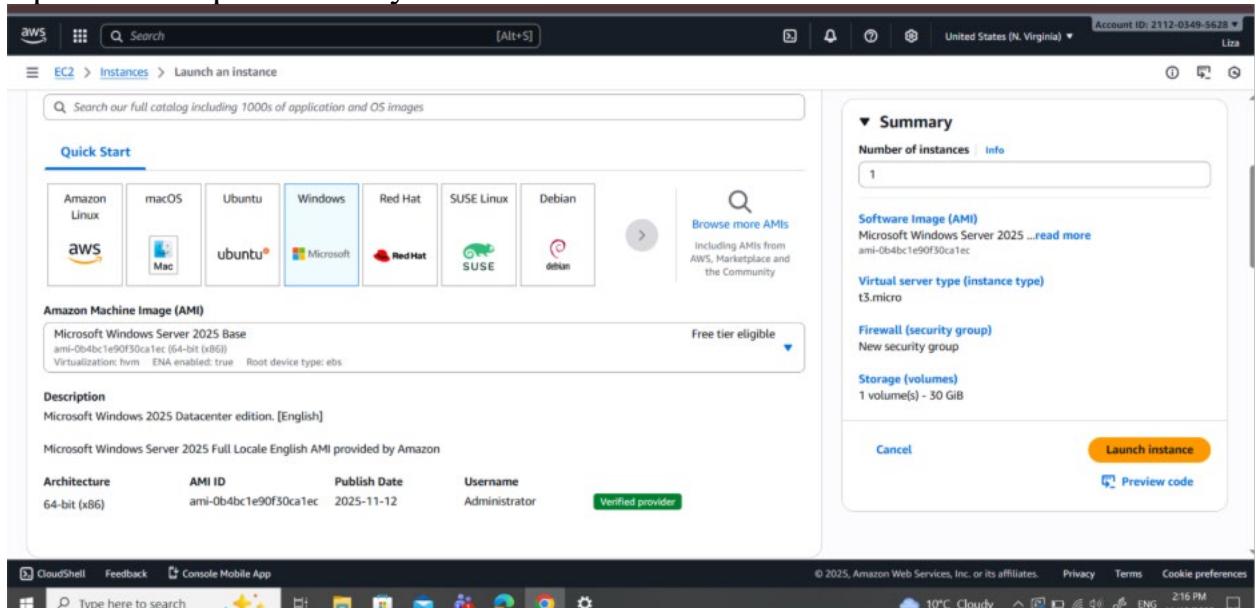
## Практична робота №5

### AWS EC2

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

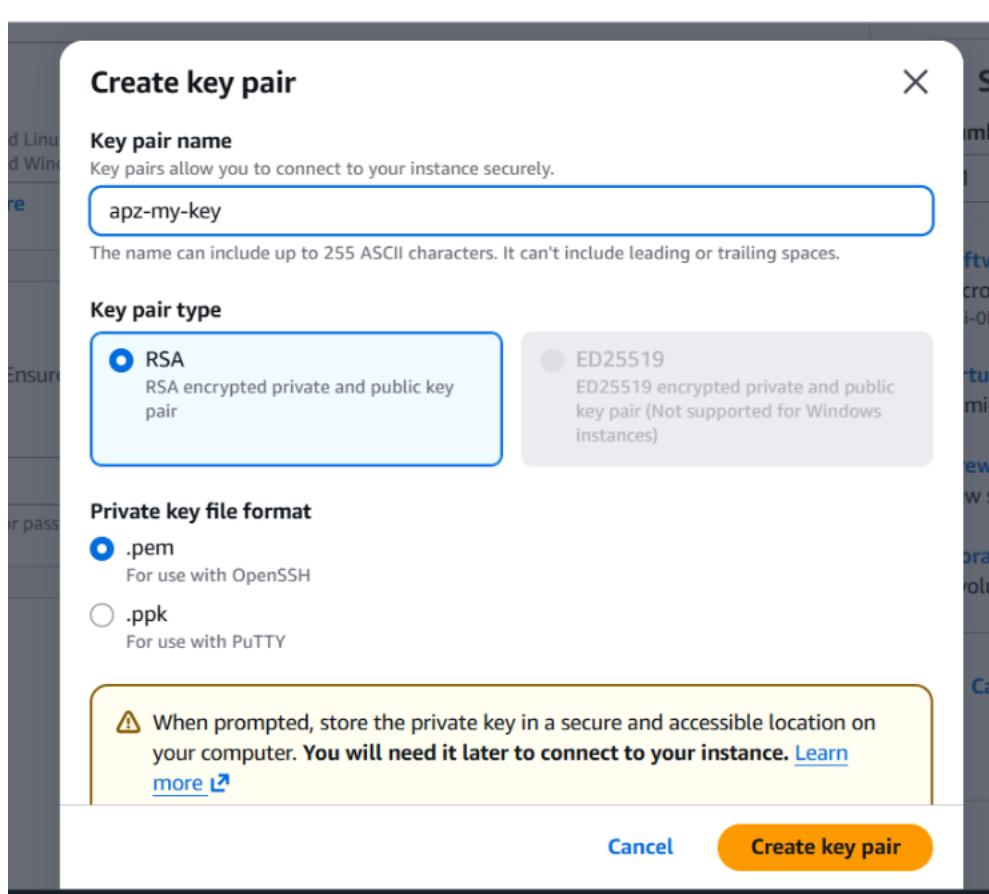
#### Хід роботи:

Крок 1. Створюю та запускаю Instance.



The screenshot shows the AWS EC2 Instances launch wizard. In the 'Quick Start' section, the 'Windows' category is selected, showing the 'Microsoft Windows Server 2025 Base' AMI. The AMI details include: ami-0b4bc1e90f30ca1ec (64-bit x86), Virtualization: hvm, ENA enabled: true, Root device type: ebs. The instance is listed as 'Free tier eligible'. On the right, the 'Summary' pane shows: Number of instances: 1; Software Image (AMI): Microsoft Windows Server 2025 Base; Virtual server type (instance type): t3.micro; Firewall (security group): New security group; Storage (volumes): 1 volume(s) - 30 GiB. At the bottom, there are 'Launch instance' and 'Preview code' buttons.

Створюю ключ:



The screenshot shows the 'Create key pair' dialog box. Under 'Key pair name', the input field contains 'apz-my-key'. A note states: 'The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.' Under 'Key pair type', 'RSA' is selected, with a note: 'RSA encrypted private and public key pair'. 'ED25519' is also listed as an option: 'ED25519 encrypted private and public key pair (Not supported for Windows instances)'. Under 'Private key file format', '.pem' is selected, with a note: 'For use with OpenSSH'. ' .ppk' is also listed: 'For use with PuTTY'. A warning message in a yellow box says: '⚠ 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 ↗](#)'.

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](#) [Edit](#)

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:

☰ EC2 > Instances > Launch an instance

Success Successfully initiated launch of instance (i-0b10896b52209e076)

▼ Launch log

Initializing requests	<input checked="" type="radio"/> Succeeded
Creating security groups	<input checked="" type="radio"/> Succeeded
Creating security group rules	<input checked="" type="radio"/> Succeeded
Launch initiation	<input checked="" type="radio"/> Succeeded

## Крок 2. Отримання зашифрованого паролю

☰ EC2 > Instances > i-0b10896b52209e076 > Get Windows password

### Get Windows password [Info](#)

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

Instance ID  i-0b10896b52209e076 (APZ-My-PC)

Key pair associated with this instance  apz-my-key

Private key

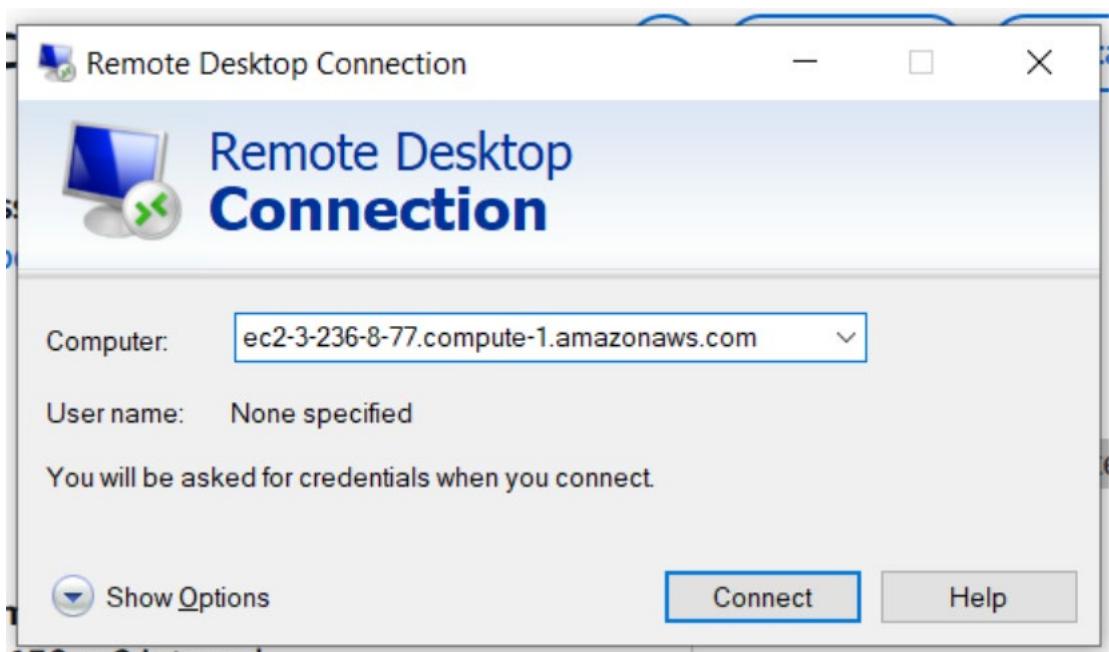
Either upload your private key file or copy and paste its contents into the field below.

[Upload private key file](#)

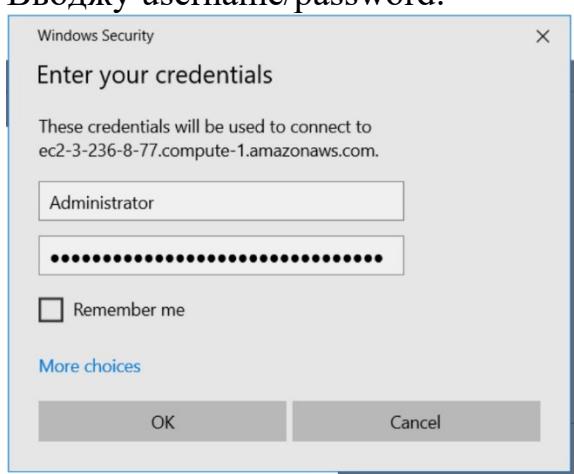
apz-my-key.pem [X](#)  
1.68 KB

Private key contents

## Крок 3. Підключаємося до створеного ПК Вводжу IP комп'ютера:



Вводжу username/password:



Відображення робочого столу:

