ФАКУЛЬТЕТ ІНФОРМАЦІЙНИХ ТЕХНОЛОГІЙ

Кафедра системного аналізу та управління

Лабораторна робота 5

з дисципліни
«Аналіз програмного забезпечення»

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Дніпро
2025

Лабораторна робота 5
AWS EC2

Мета: набуття навичок у створенні і підключенні до віддаленого комп'ютера за допомогою AWS EC2.

Налаштування та створення віддаленого комп'ютера:

Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.

keynebatovapz

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**

Create key pair

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Cancel   **Create key pair**

Key pair name - *required*

keynebatovapz   ▼   ↻   **Create new key pair**

For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

▼ **Network settings**   Info   Edit

Network | Info

vpc-06ab662f50f2b52b0

Subnet | Info

No preference (Default subnet in any availability zone)

Auto-assign public IP | Info

Enable

Firewall (security groups) | Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

◉ Create security group   ○ Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

☑ **Allow RDP traffic from**   Anywhere
   Helps you connect to your instance   0.0.0.0/0 ▼
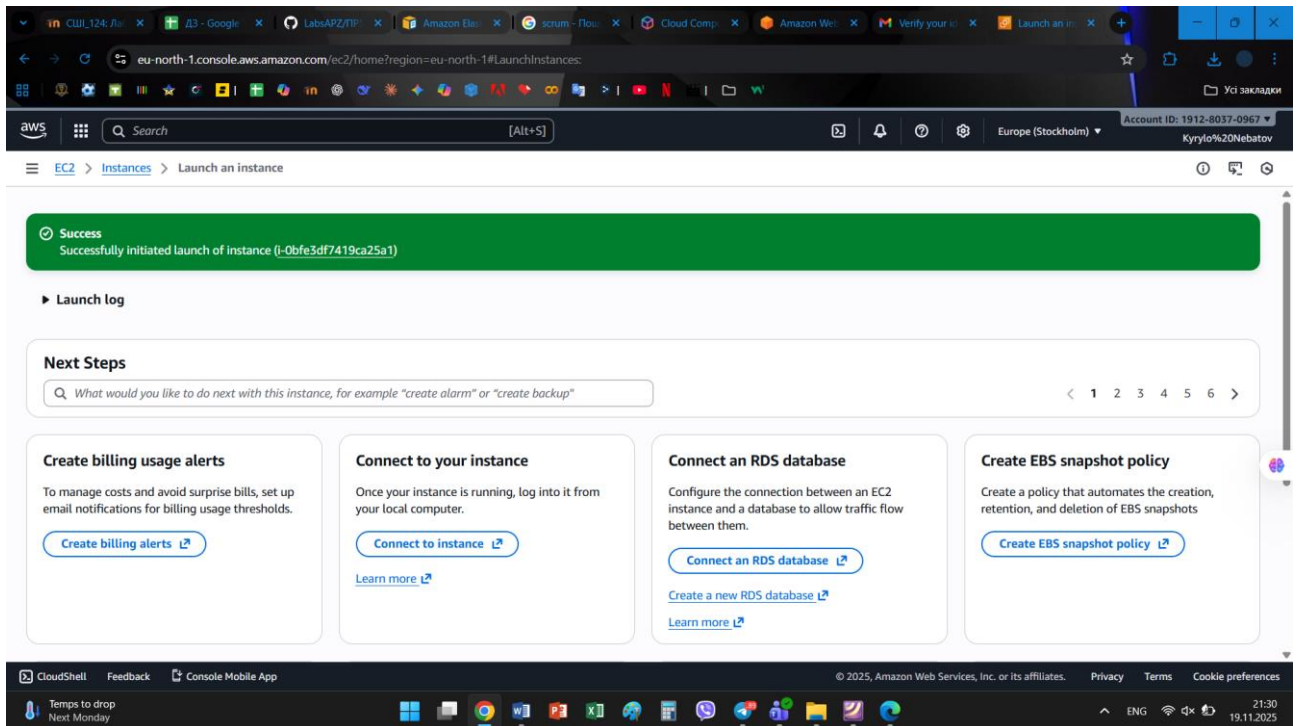
☐ **Allow HTTPS traffic from the internet**
   To set up an endpoint, for example when creating a web server

☐ **Allow HTTP traffic from the internet**
   To set up an endpoint, for example when creating a web server

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.   ✕

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eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#LaunchInstances

Account ID: 1912-8037-0967 ▼

Europe (Stockholm) ▼   Kyrylo%20Nebatov

☰ EC2 > Instances > Launch an instance

⊘ **Success**
Successfully initiated launch of instance (i-0bfe3df7419ca25a1)

▶ **Launch log**

Next Steps

🔍 What would you like to do next with this instance, for example "create alarm" or "create backup"   ‹ **1** 2 3 4 5 6 ›

Create billing usage alerts	**Connect to your instance**	**Connect an RDS database**	**Create EBS snapshot policy**
To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.	Once your instance is running, log into it from your local computer.	Configure the connection between an EC2 instance and a database to allow traffic flow between them.	Create a policy that automates the creation, retention, and deletion of EBS snapshots
Create billing alerts ↗	**Connect to instance** ↗ Learn more ↗	**Connect an RDS database** ↗ Create a new RDS database ↗ Learn more ↗	**Create EBS snapshot policy** ↗

CloudShell   Feedback   Console Mobile App   © 2025, Amazon Web Services, Inc. or its affiliates.   Privacy   Terms   Cookie preferences

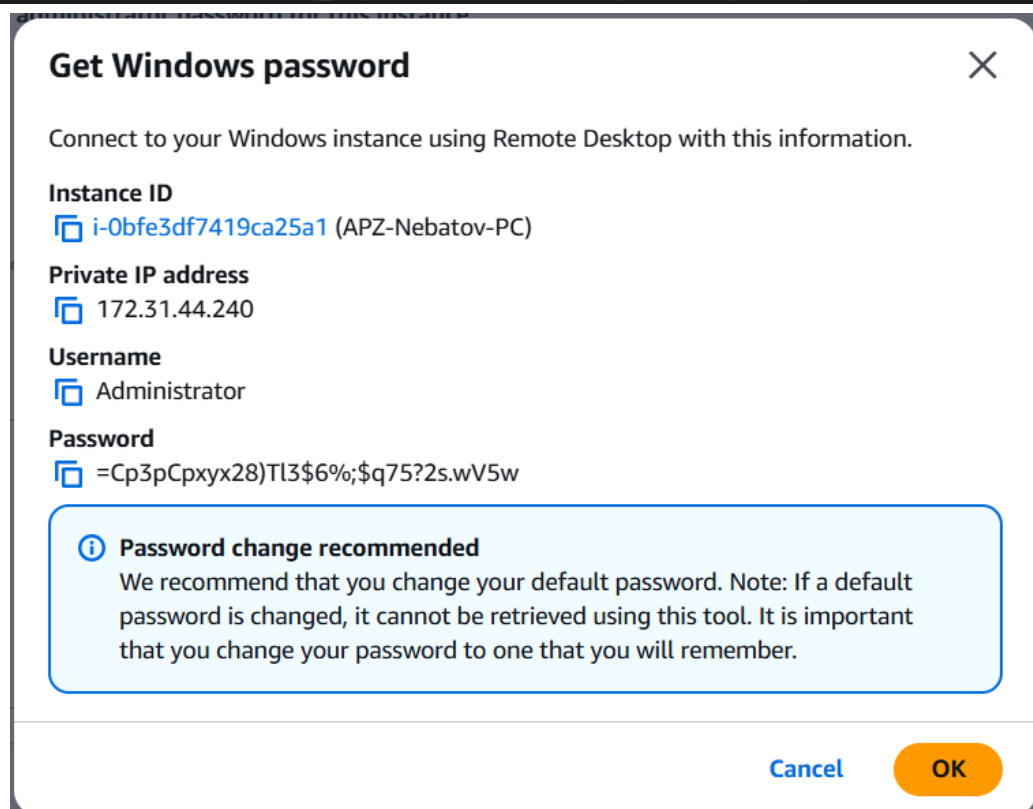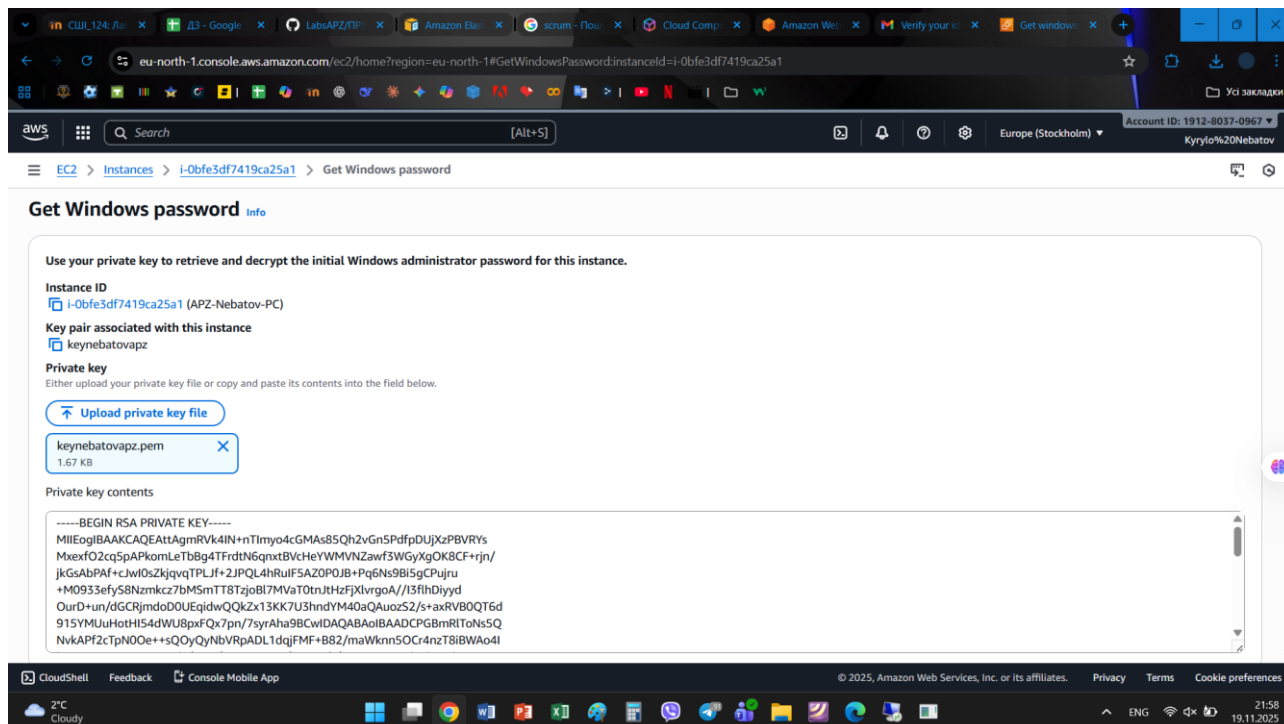Temps to drop / Next Monday   ENG   21:30 19.11.2025
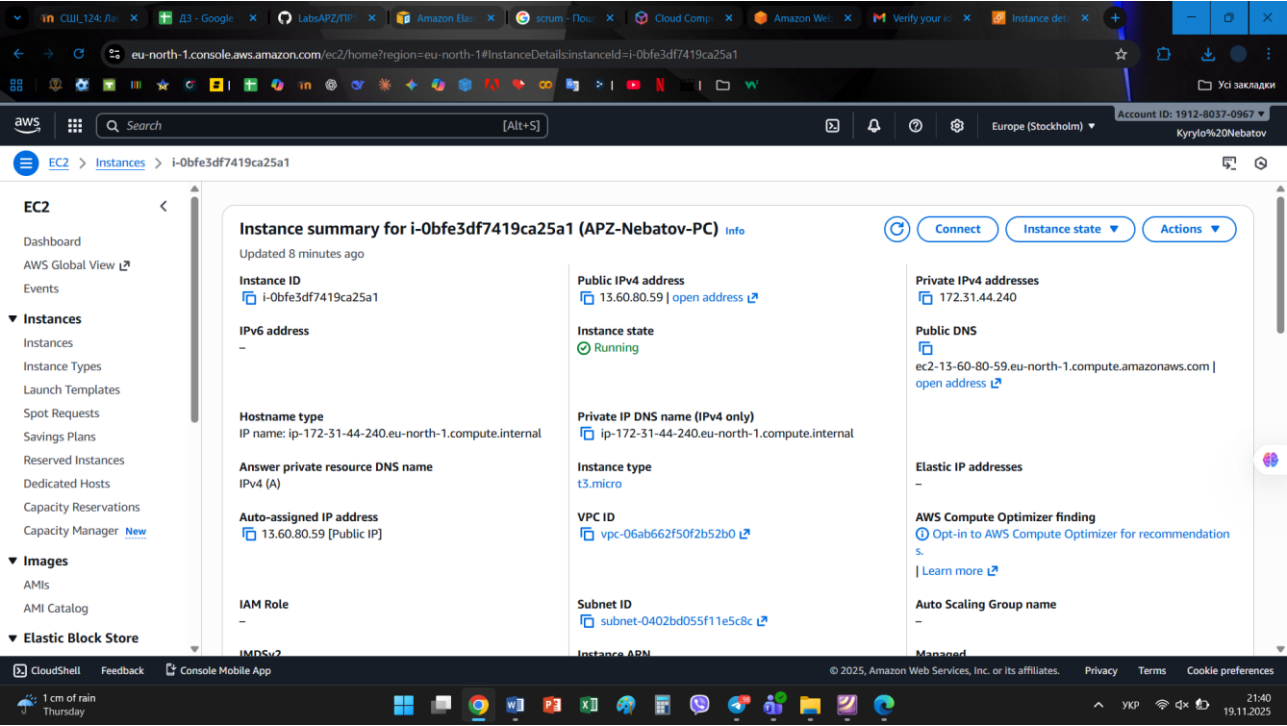

Нещодавня історія завантажень   ⊗

📄 **keynebatovapz.pem**
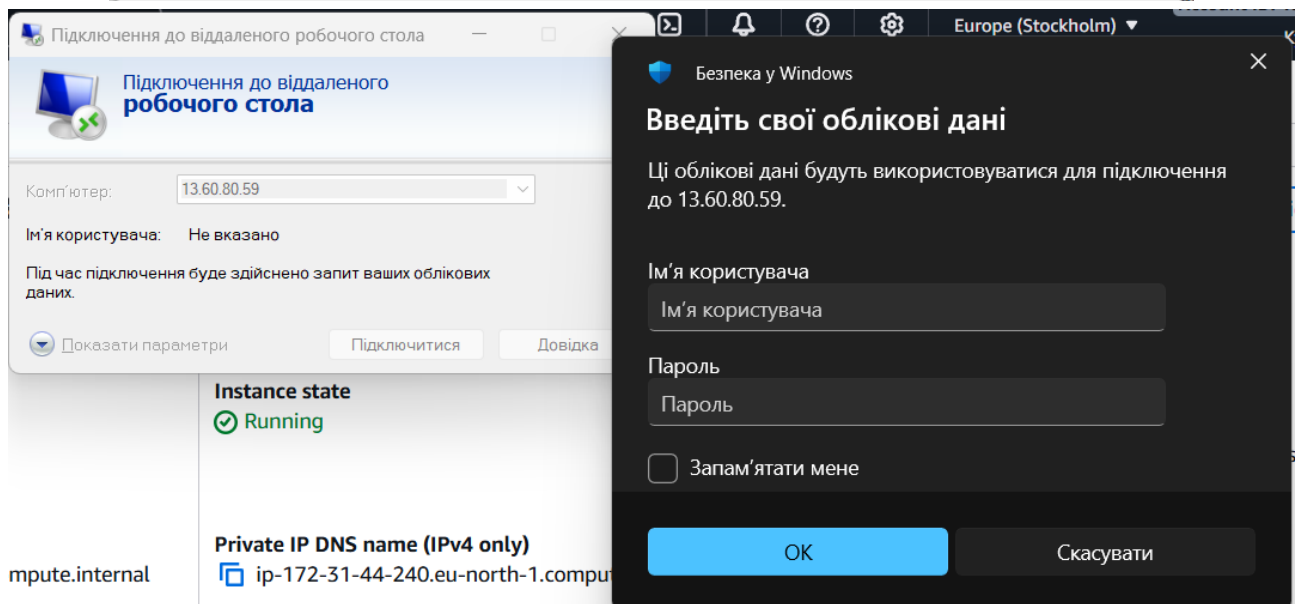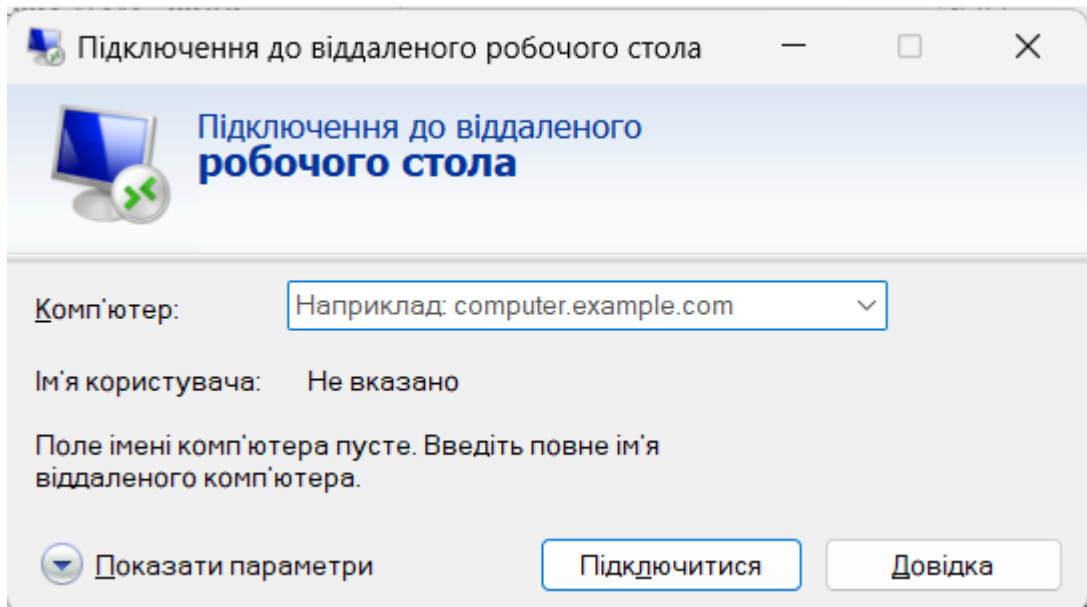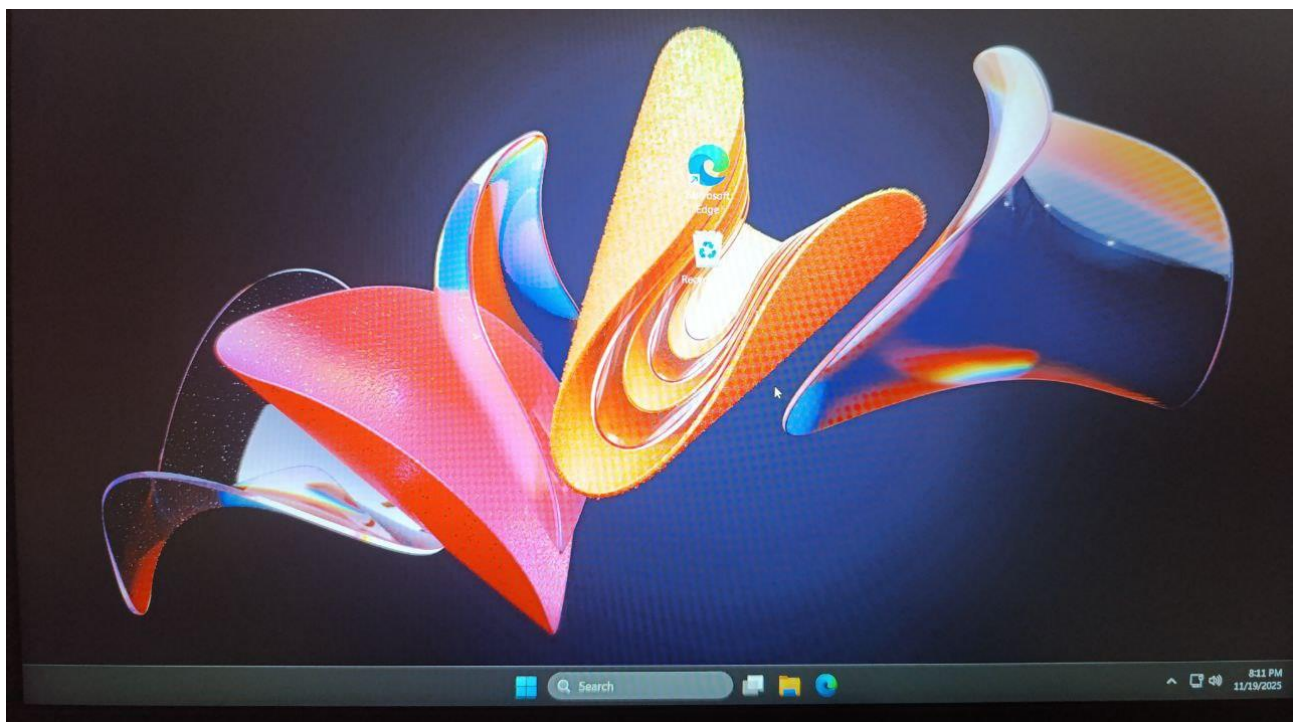   1 674 Б • 25 хвилин тому

Закрити

Вигляд створеного комп'ютера:

Підключення до комп'ютера:

Змінюємо візуальні налаштування:

Результати:

IP: 13.60.80.59

Private IP address: 172.31.44.240

Username: Administrator
Password: =Cp3pCpxyx28)Tl3$6%;$q75?2s.wV5w