

**Міністерство освіти і науки України  
Національний технічний університет  
«Дніпровська політехніка»**



**ЗВІТ  
з виконання практичної роботи  
з дисципліни  
«Аналіз програмного забезпечення»**

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Прийняв:  
асистент каф. САУ  
Шевченко Ю.О.

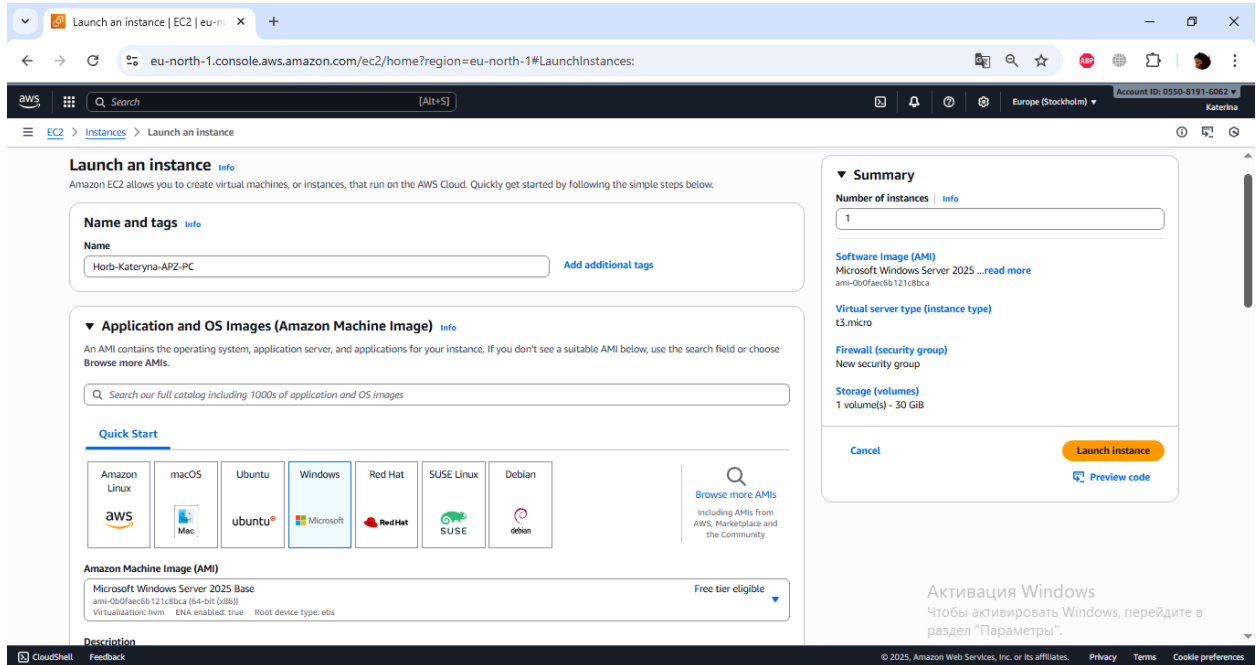
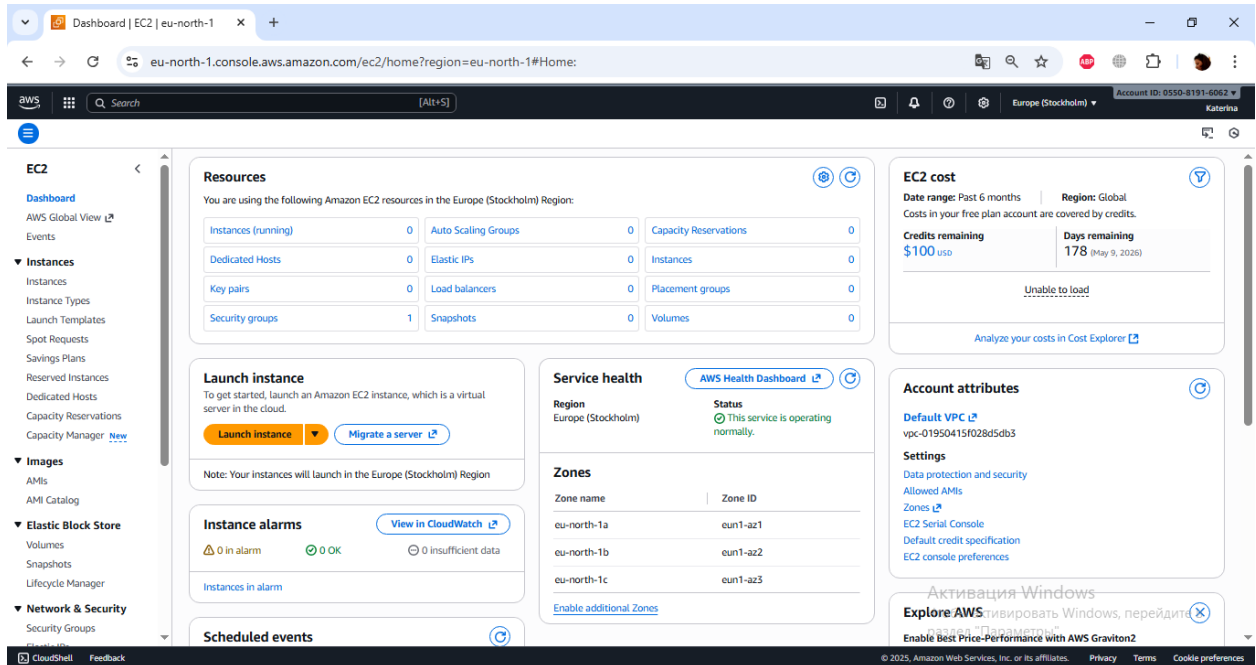
**Дніпро  
2025**

# Практична робота №5

**Тема роботи:** AWS EC2.

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

1. Налаштувати та створити віддалений комп'ютер.



Launch an instance | EC2 | eu-north-1

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

Search [Alt+S]

Europe (Stockholm)

Account ID: 0550-8191-6062

Katerina

EC2 > Instances > Launch an instance

Description

Microsoft Windows 2025 Datacenter edition, [English]

Microsoft Windows Server 2025 Full Locale English AMI provided by Amazon

Architecture

64-bit (x86)

AMI ID

ami-0b0faec6b121c8bca

Publish Date

2025-10-17

Username

Administrator

Verified provider

▼ Instance type

Info | Get advice

Instance type

m7i-flex.large

Family: m7i-flex 2 vCPU 8 GiB Memory Current generation: true Free tier eligible

On-Demand Linux base pricing: 0.10175 USD per Hour On-Demand Ubuntu Pro base pricing: 0.10525 USD per Hour On-Demand RHEL base pricing: 0.13055 USD per Hour On-Demand SUSE base pricing: 0.15005 USD per Hour On-Demand Windows base pricing: 0.18915 USD per Hour

Additional costs apply for AMIs with pre-installed software

▼ Key pair (login)

Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

Select

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

▼ Summary

Number of instances | Info

1

Software image (AMI)

Microsoft Windows Server 2025 ...read more

ami-0b0faec6b121c8bca

Virtual server type (instance type)

m7i-flex.large

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 GiB

Cancel

Launch instance

Preview code

Активация Windows

Чтобы активировать Windows, перейдите в раздел "Параметры".

CloudShell Feedback

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Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

keyhorbforapz

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

Launch an instance | EC2 | eu-north-1

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

Search

[Alt+S]

Europe (Stockholm)

Account ID: 0550-8191-6062

Katerina

EC2

Instances

Launch an instance

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key before you launch the instance.

Key pair name - required

keyhorborapaz

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

Network Info

vpc-01950415f028d5db3

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

Helps you connect to your instance

Anywhere

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

▼ Summary

Number of instances Info

1

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Preview code

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CloudShell

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Katerina

EC2

Instances

Launch an instance

☒ Allow RDP traffic from

Helps you connect to your instance

Anywhere

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.

▼ Configure storage Info

Advanced

1x

30

GiB

gp3

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

► Advanced details Info

▼ Summary

Number of instances Info

1

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Cancel

Launch instance

Preview code

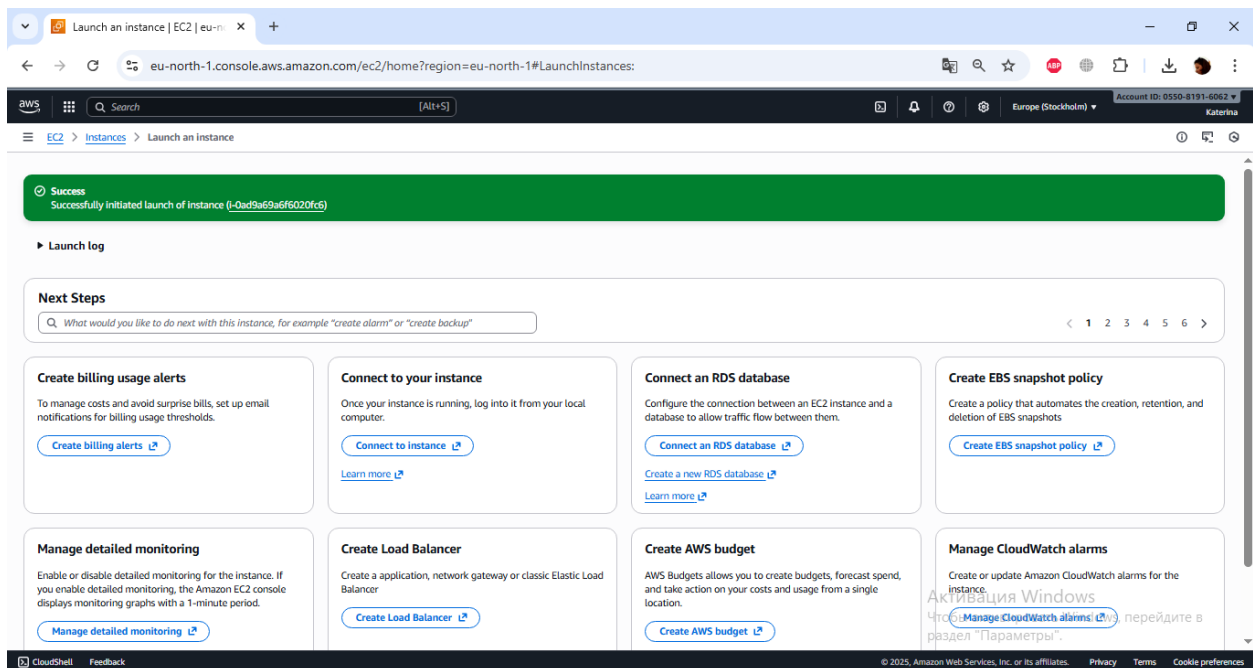
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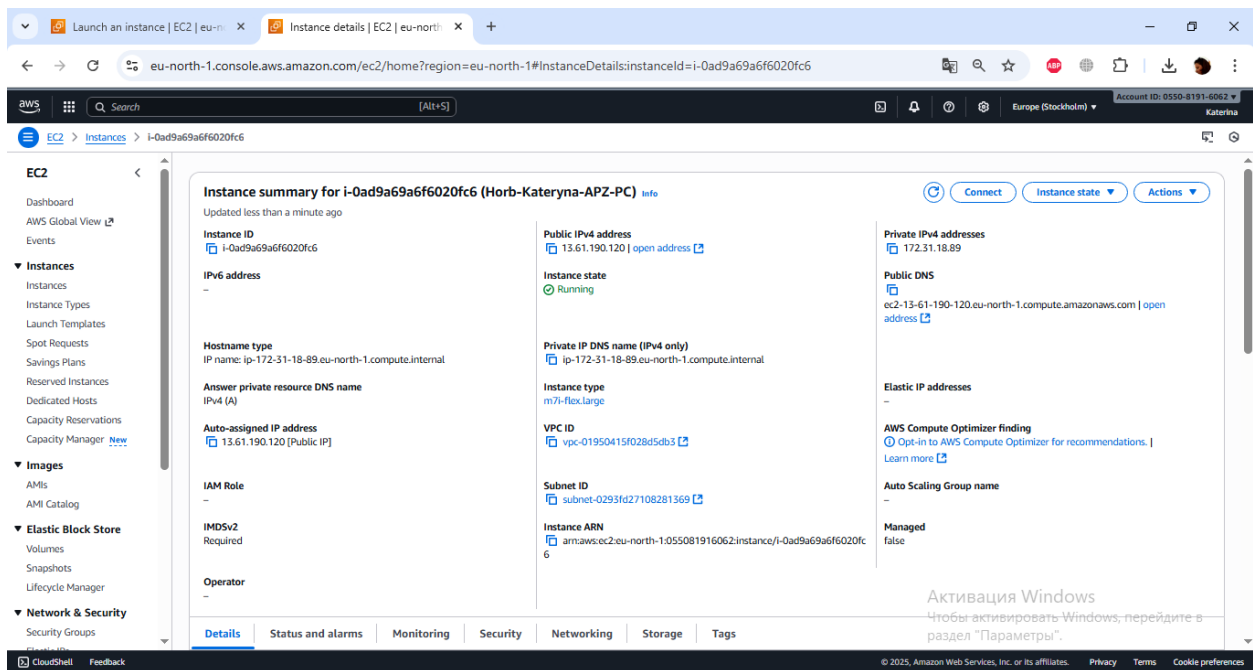
CloudShell

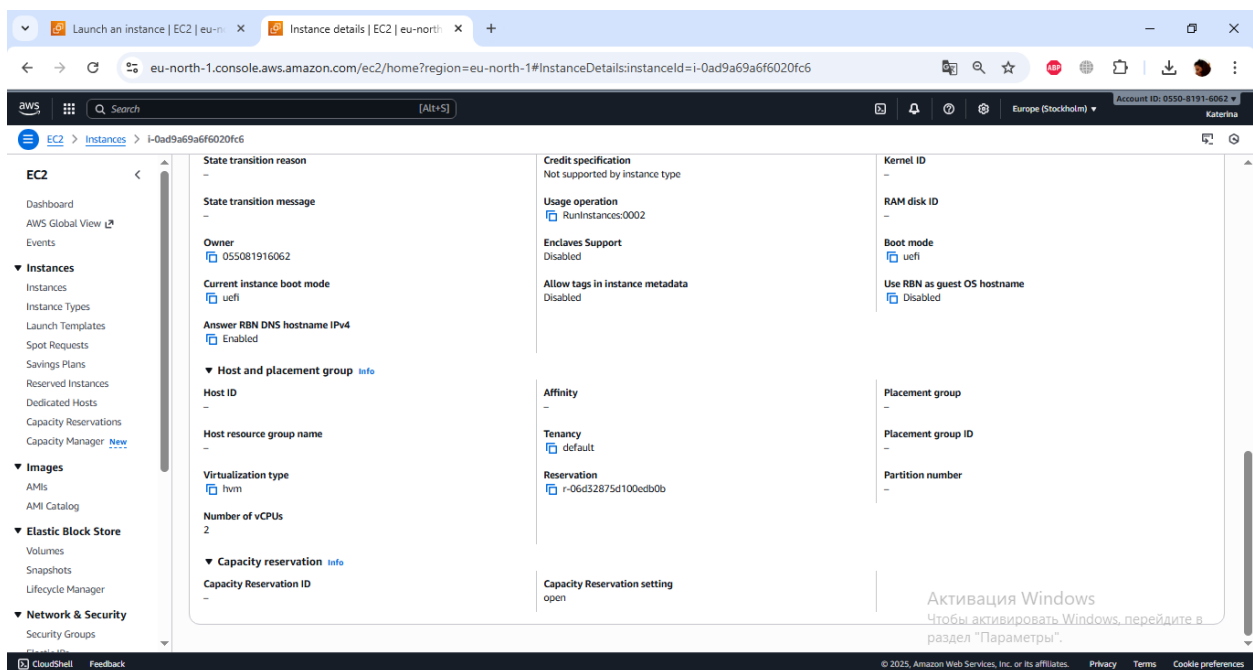
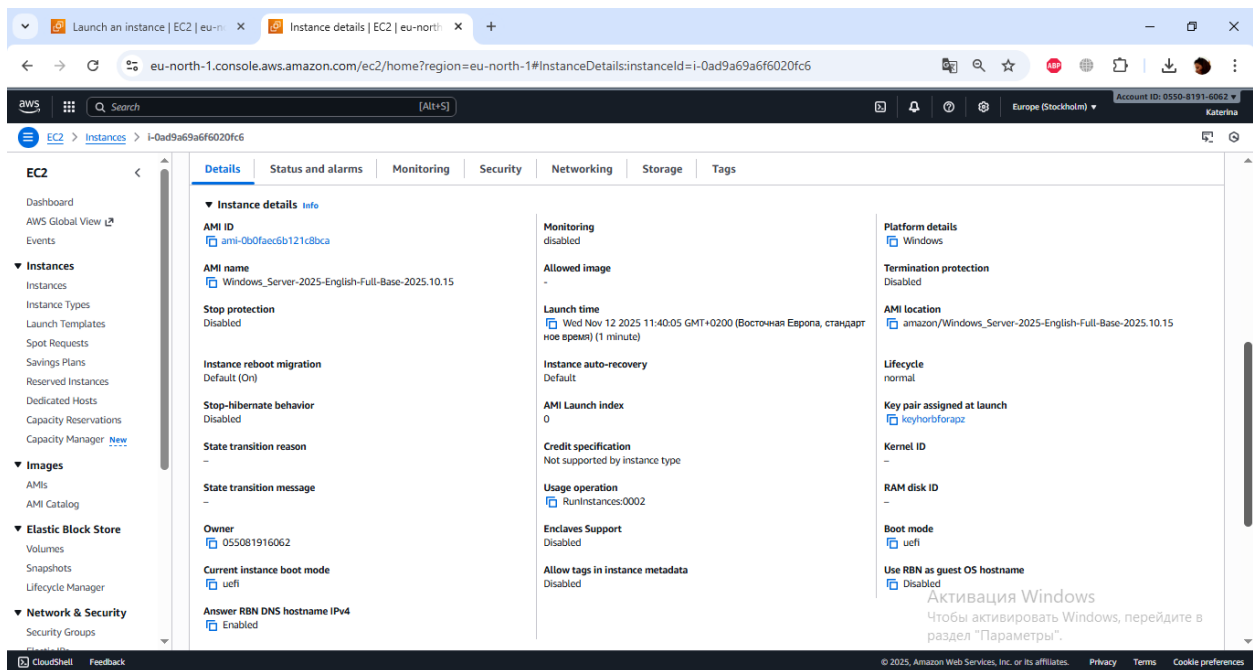
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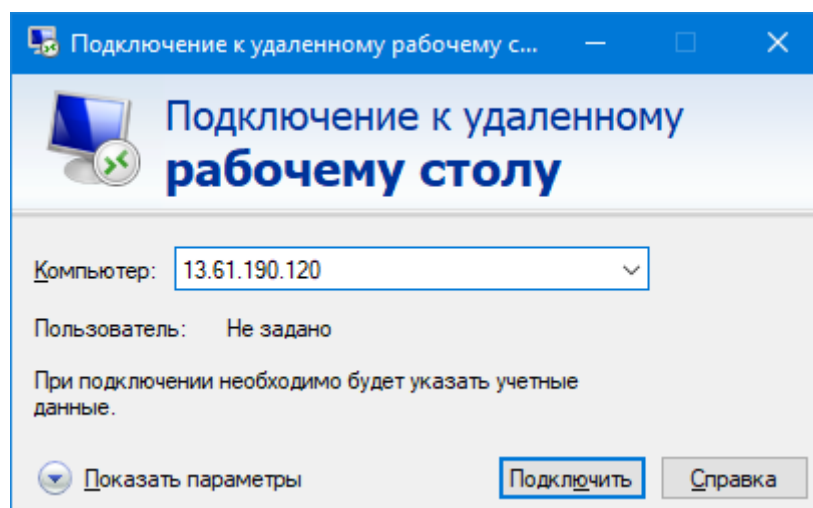


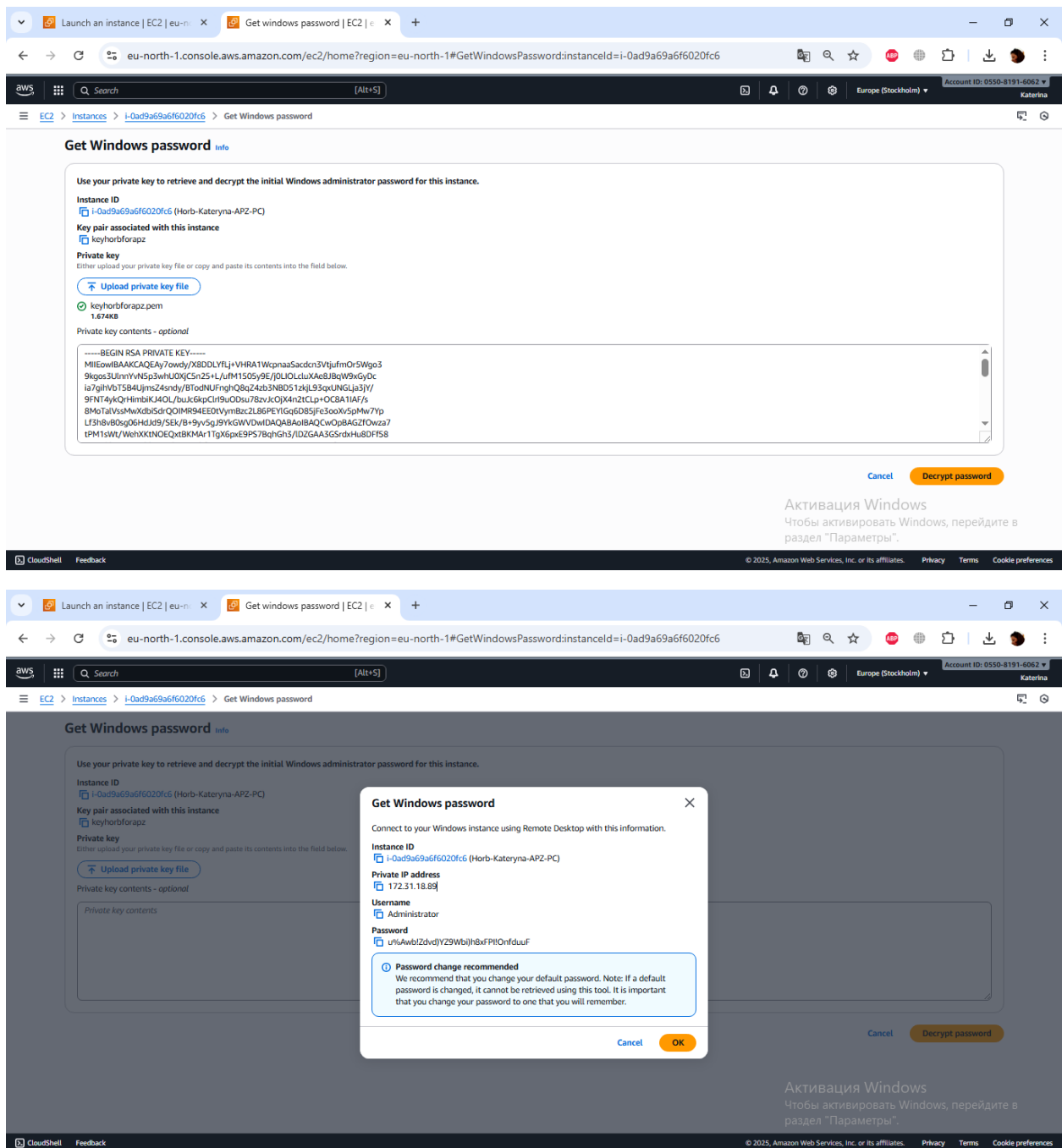
## 2. Вигляд створеного комп'ютера.





### 3. Підключення до створеного комп'ютера.





## Результат работы

**IP**

13.61.190.120

**Username**

Administrator

**Password**

u%AwblZdvdlYZ9Wbi)h8xFPI!OnfduuF