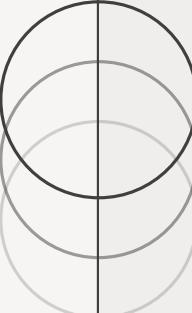


NOVEMBER 2025

# AWS ASSIGNMENT

HARSH PANDEY



MAY 2030

# Task 1:

---

Create windows server and install ADDS create two users name -Vikas, Richa, user vikas should be able to login via user name and password.

The screenshot shows the AWS EC2 Instances page. At the top, there is a green success message: "Successfully initiated starting of i-019f568d8d606f3fb". Below this, the table lists three instances:

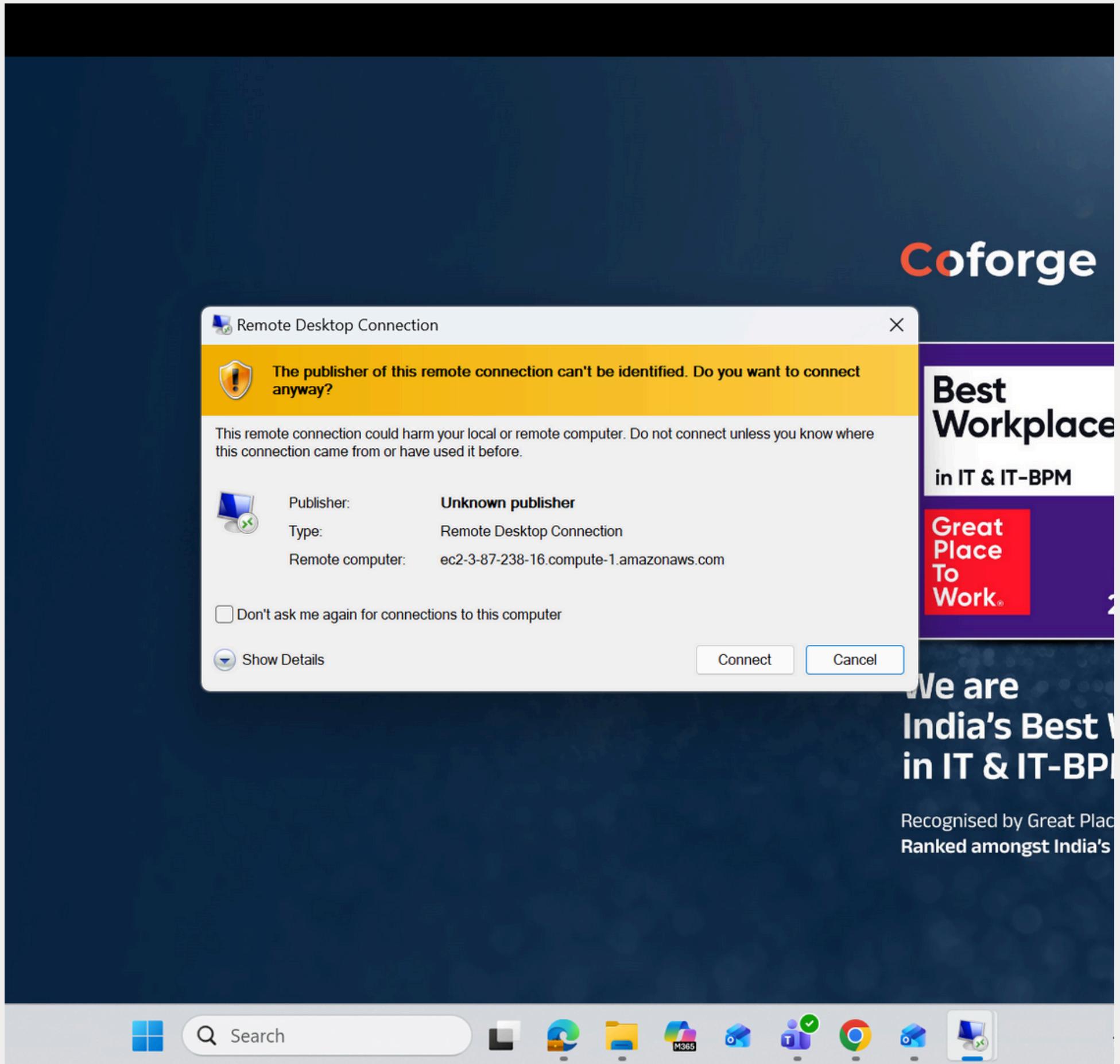
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
linux_vm	i-0440d3ab476795e0f	Stopped	t3.micro	-	<a href="#">View alarms</a>	us-east-1b	-
task_vm	i-0082578f7c24541db	Running	m7i-flex.large	3/3 checks passed	<a href="#">View alarms</a>	us-east-1c	ec2-54-16-18-198
<b>linux-task_vm</b>	<b>i-019f568d8d606f3fb</b>	<b>Running</b>	<b>t3.micro</b>	<b>Initializing</b>	<a href="#">View alarms</a>	<b>us-east-1f</b>	<b>ec2-3-23-10-198</b>

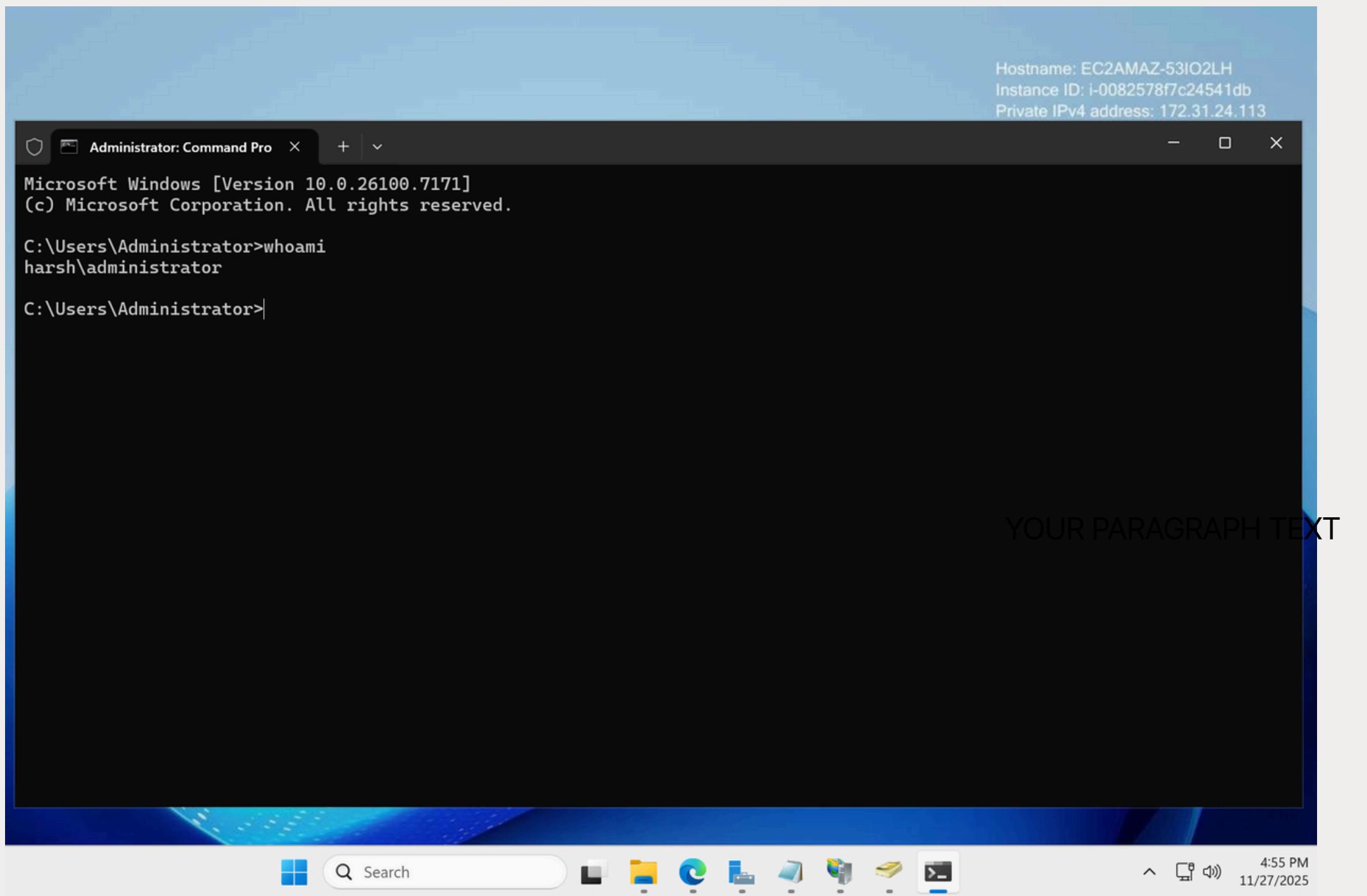
At the bottom, the instance details for "i-019f568d8d606f3fb (linux-task\_vm)" are shown, including a CloudShell link, a search bar, and system icons.

## STEP 1: LAUNCH WINDOWS SERVER EC2

1. GO TO AWS CONSOLE → EC2 → LAUNCH INSTANCE
2. NAME: TASK\_VM
3. AMI: WINDOWS SERVER 2025
4. KEY PAIR: CHOOSE/CREATE
6. NETWORK:
  - SELECTED DEFAULT VPC
7. SECURITY GROUP: ALLOW
  - RDP: 3389
8. LAUNCH INSTANCE.

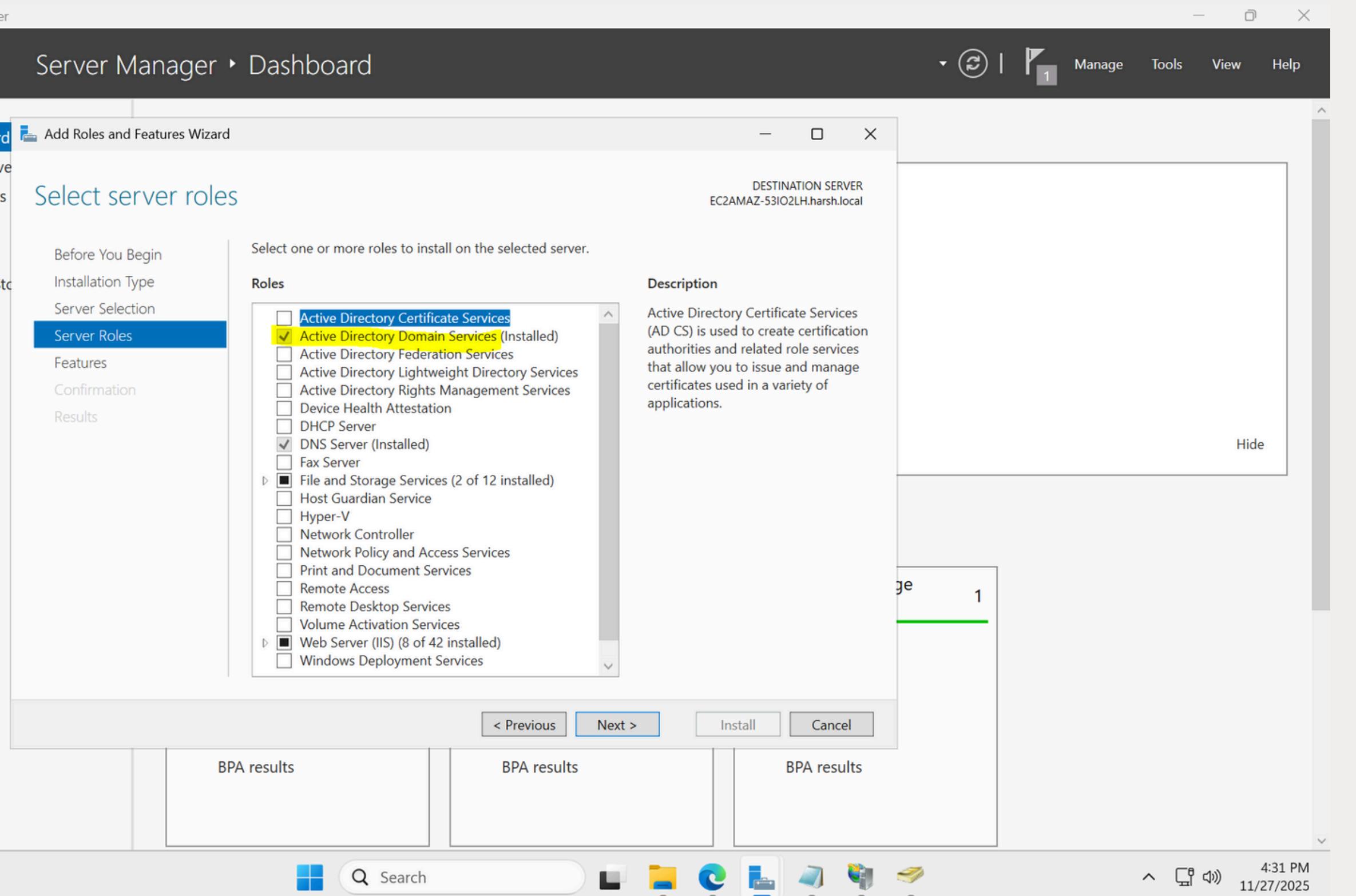
# Taking Remote Connection





# Logged in as Administrator

# Install ADDS (Active Directory Domain Services)



- 1.GO TO SERVER MANAGER
- 2.CLICK ADD ROLES AND FEATURES
- 3.GO TO SERVER ROLES AND ADD ADDS
- 4.INSTALL

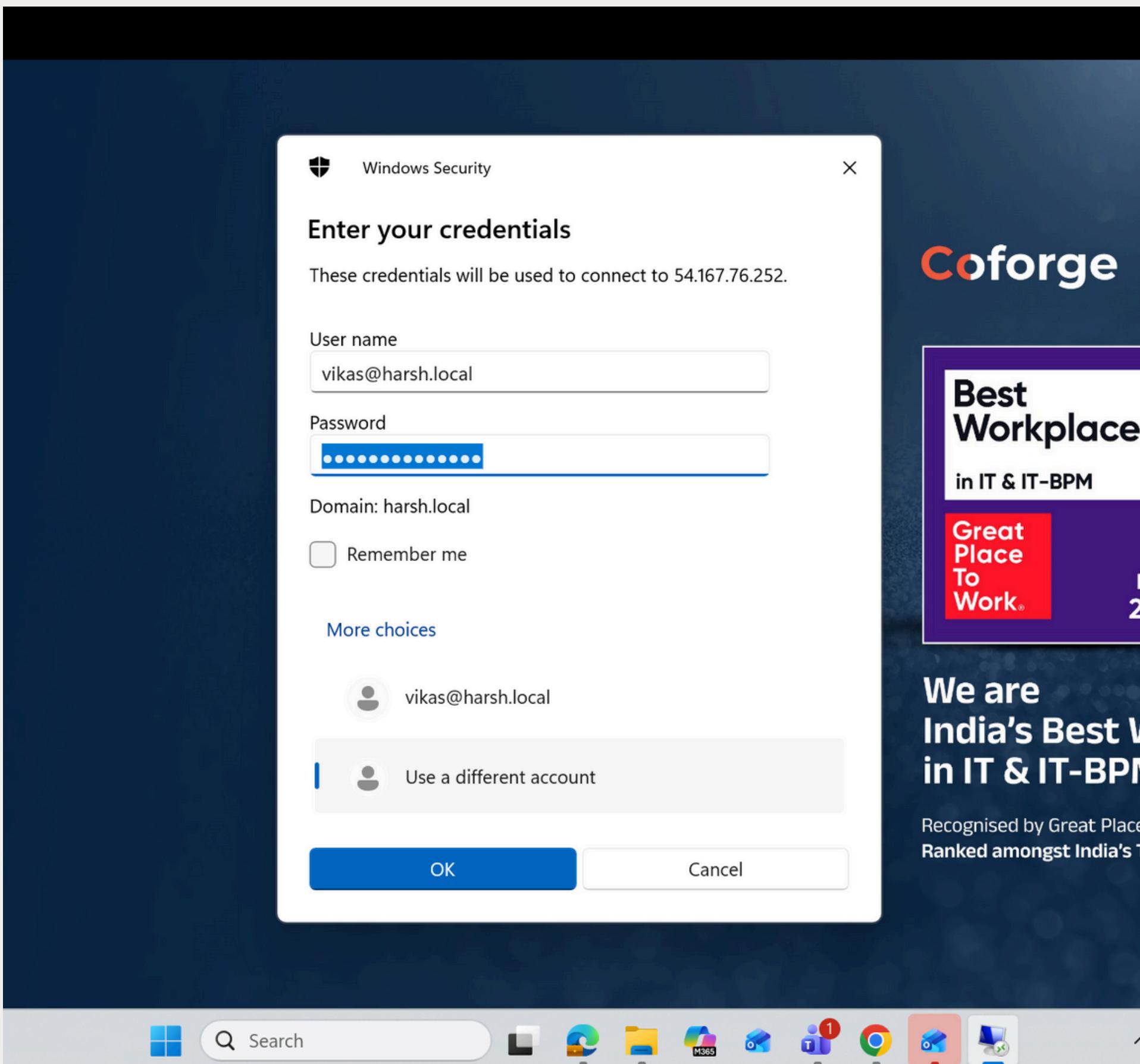
# Successfully Created Users:Vikas and Richa

The screenshot shows the Windows Active Directory Users and Computers management console. The title bar reads "Active Directory Users and Computers". The left navigation pane shows the tree structure: "Active Directory Users and Computers" > "Saved Queries" > "harsh.local". The main pane displays a table with columns "Name", "Type", and "Description". The table includes built-in objects like "Builtin" (builtinDomain), "Computers" (Container), "Domain Con..." (Organizational ...), "ForeignSecur..." (Container), "Managed Se..." (Container), and "Users" (Container). It also lists two newly created user accounts: "Richa" and "Vikas", both of which are "User" type objects.

Name	Type	Description
Builtin	builtinDomain	
Computers	Container	Default container for up...
Domain Con...	Organizational ...	Default container for do...
ForeignSecur...	Container	Default container for sec...
Managed Se...	Container	Default container for ma...
Users	Container	Default container for up...
Richa	User	
Vikas	User	

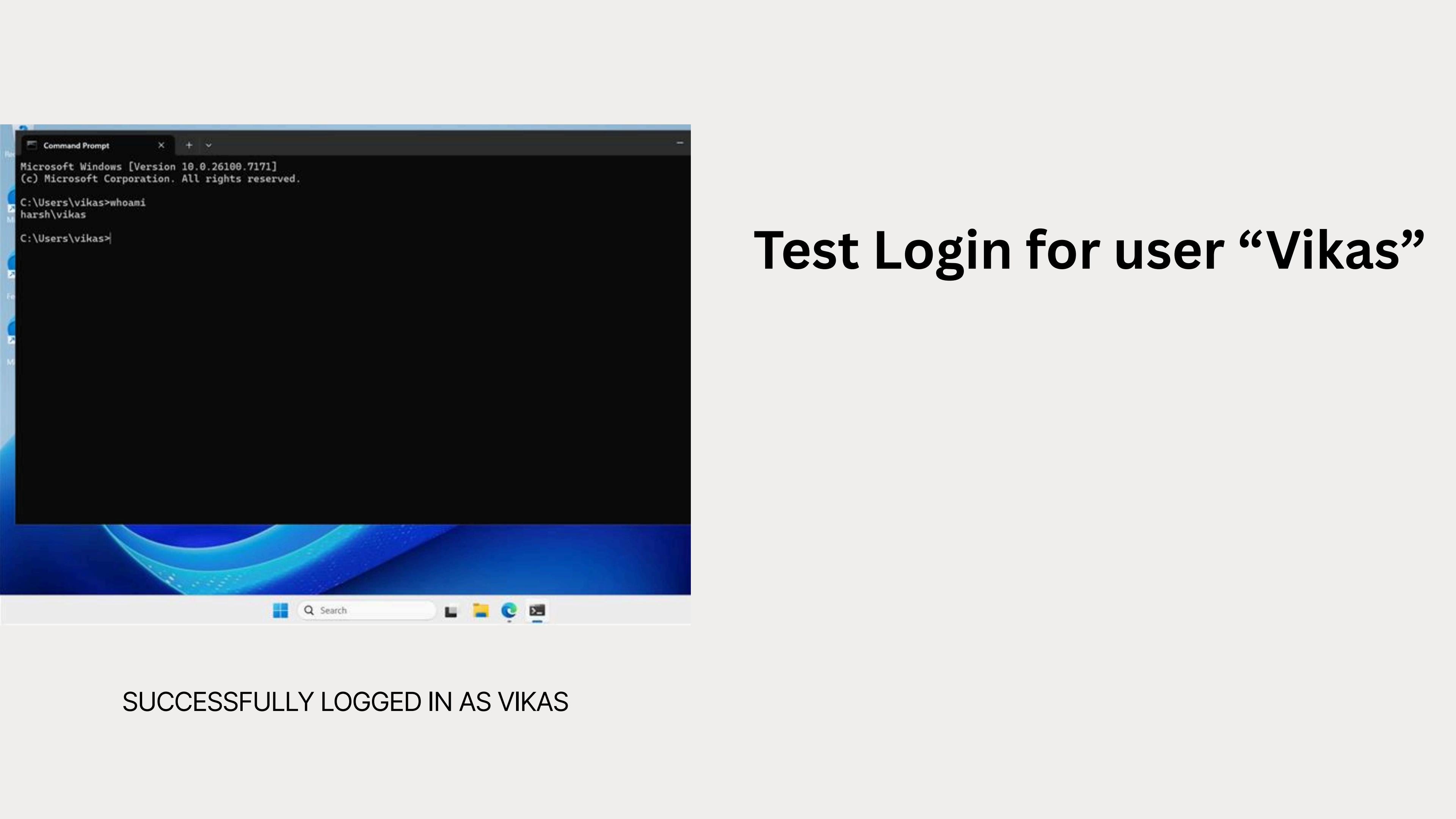
1. OPEN ACTIVE DIRECTORY USERS AND COMPUTERS
2. NAVIGATE TO: HARSH.LOCAL → USERS
3. RIGHT-CLICK → NEW → USER
4. CREATE:
  - USER1: VIKAS
  - USER2: RICHA
5. SET PASSWORDS

# Taking remote connection using Vikas credentials.



USERNAME : VIKAS@HARSH.LOCAL

PASSWORD: \*\*\*\*\*



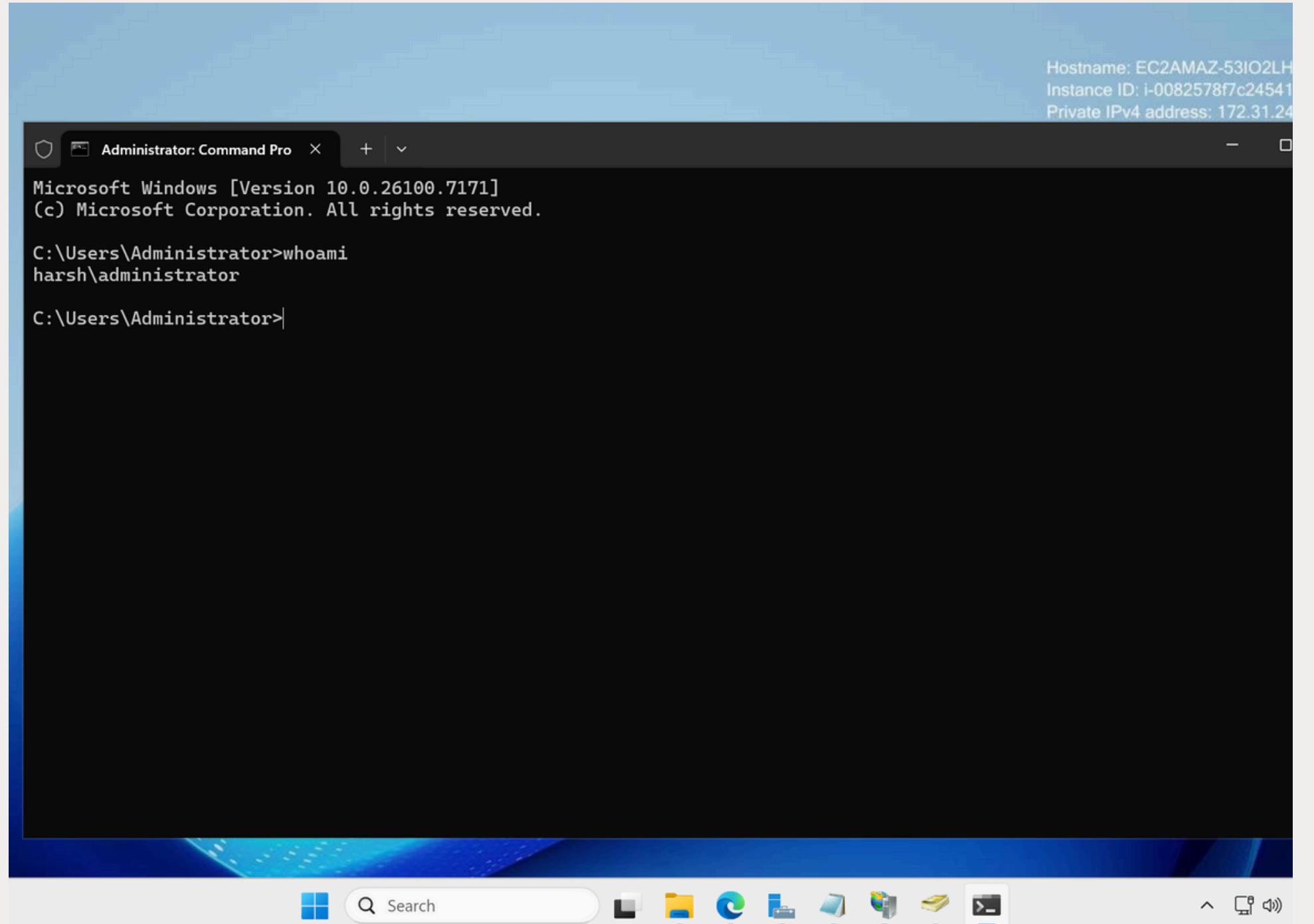
A screenshot of a Windows desktop environment. A Command Prompt window is open in the top-left corner. The title bar says "Command Prompt". The window content shows the following text:  
Microsoft Windows [Version 10.0.26100.7171]  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\vikas>whoami  
harsh\vikas  
C:\Users\vikas>

# Test Login for user “Vikas”

SUCCESSFULLY LOGGED IN AS VIKAS

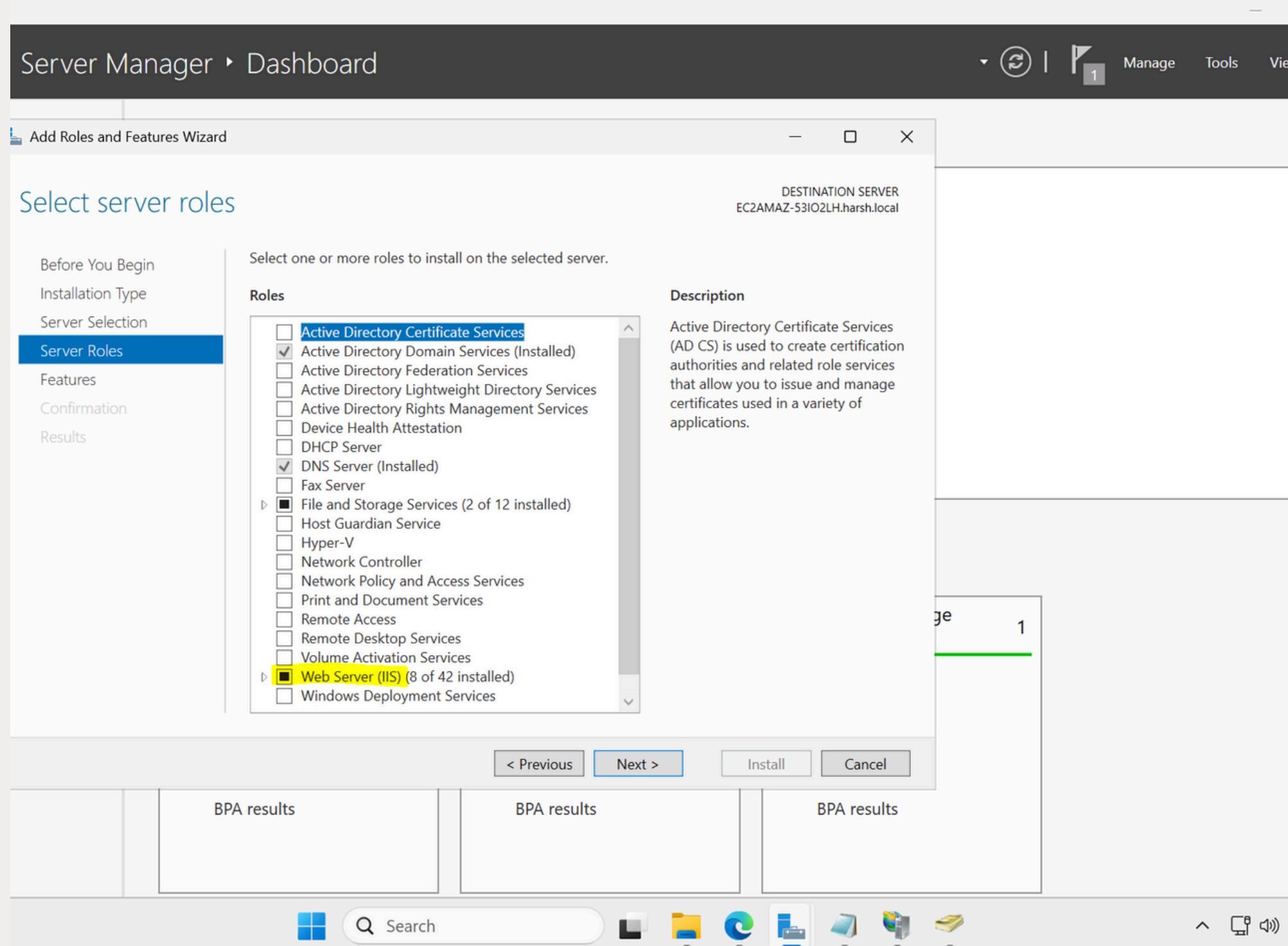
# **Task 2:**

**Install IIS service and create index.html file take access  
on public browser.**



**Take remote connection as  
Administrator**

# Install IIS



1. Open Server Manager
2. Add Roles & Features
3. Check Web Server (IIS)
4. Install

# Create Website

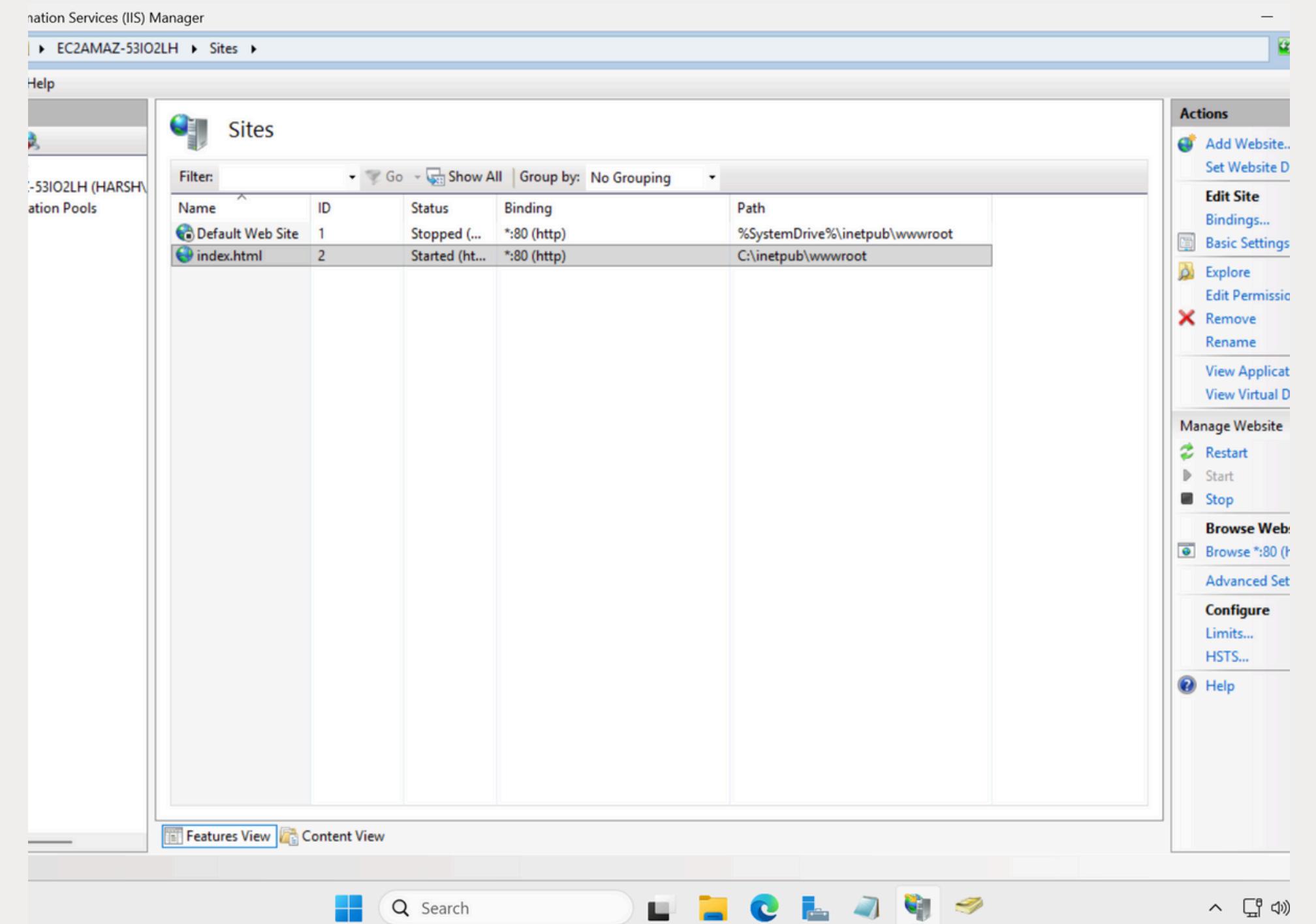
1. Go to

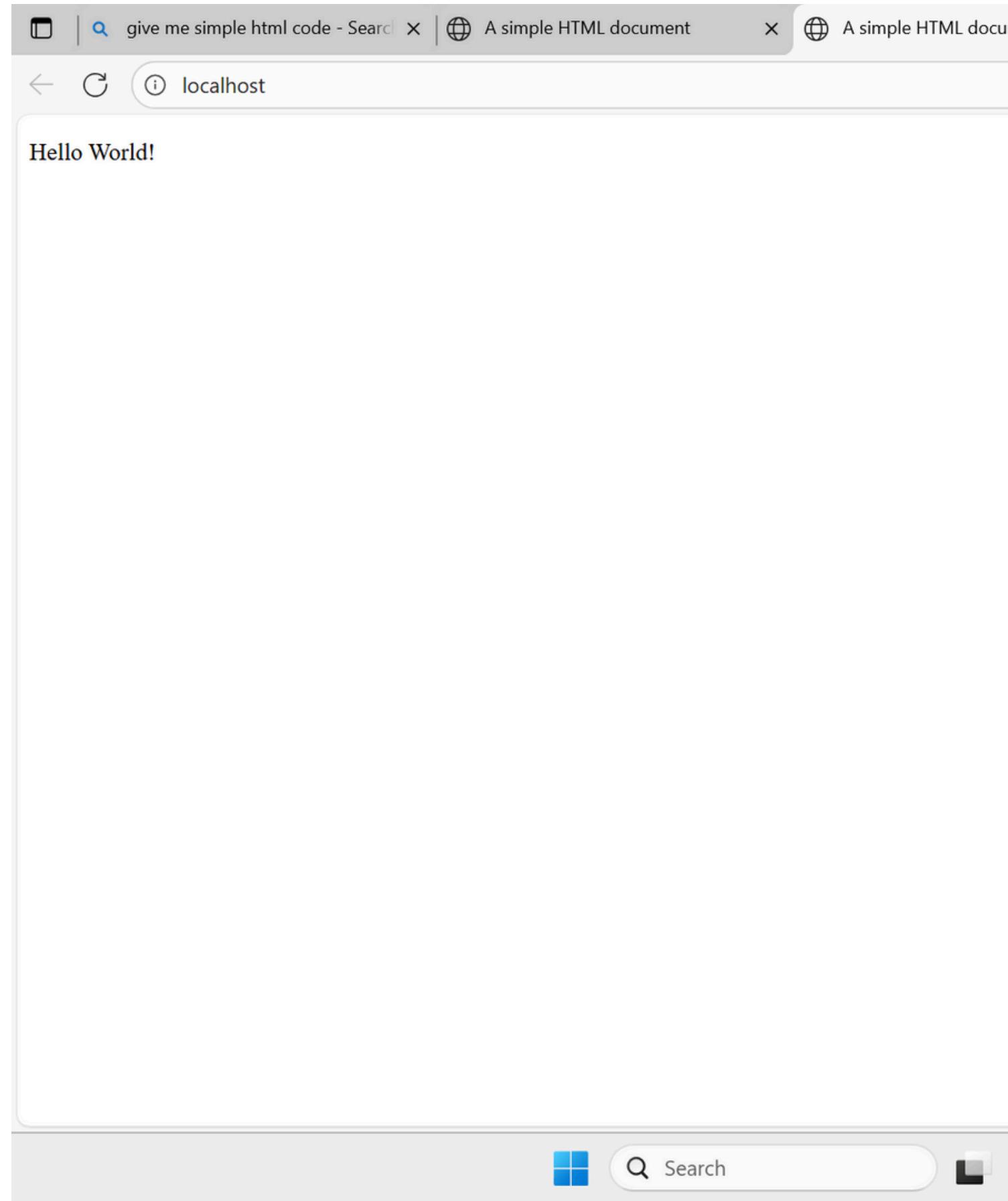
**C:\inetpub\wwwroot\**

2. Create index.html

3. Add sample content:

**<h1>Hello World!</h1>**





# Open Website Publicly

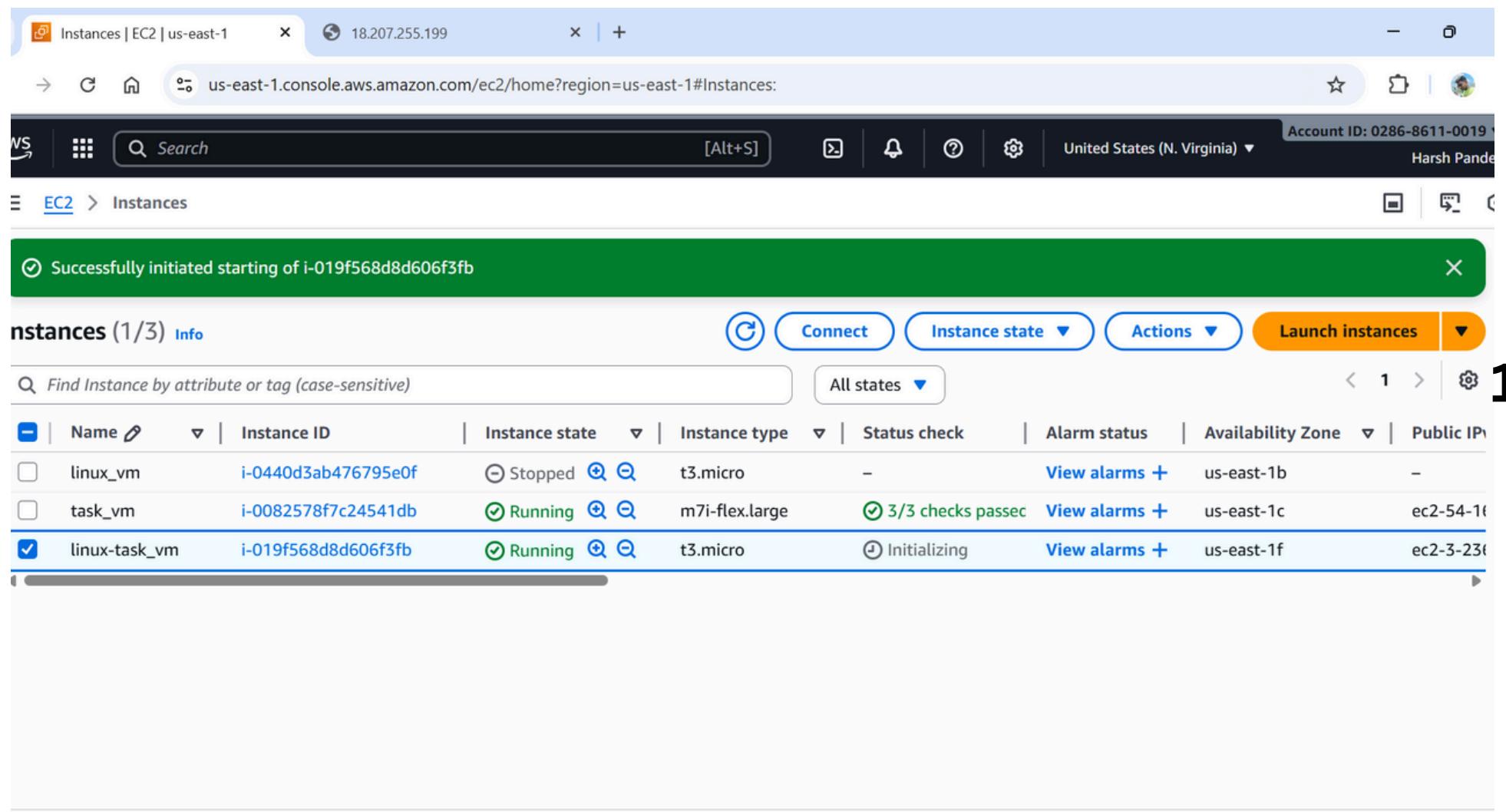
**<http://public-ip/>**

**In my case : <http://3.87.238.16/>**

# Task 3

**Same tasks 1 & 2 have to perform in amazon Linux  
for webserver - using httpd**

# Launch Amazon Linux EC2



1. Go to EC2 → Launch Instance named:**linux-task\_vm**
2. AMI: **Amazon Linux 2**
3. Instance Type: **t3.micro**
4. Allow SSH (22) and HTTP (80)

```
vikas@myvm:~          x  root@myvm:~          x | + | ~
Verifying : httpd-tools-2.4.65-1.amzn2023.0.2.x86_64
Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86_64
Verifying : mailcap-2.1.49-3.amzn2023.0.3.noarch
Verifying : mod_http2-2.0.27-1.amzn2023.0.3.x86_64
Verifying : mod_lua-2.4.65-1.amzn2023.0.2.x86_64

stalled:
apr-1.7.5-1.amzn2023.0.4.x86_64
apr-util-lmdb-1.6.3-1.amzn2023.0.2.x86_64
generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
httpd-core-2.4.65-1.amzn2023.0.2.x86_64
httpd-tools-2.4.65-1.amzn2023.0.2.x86_64
mailcap-2.1.49-3.amzn2023.0.3.noarch
mod_lua-2.4.65-1.amzn2023.0.2.x86_64

complete!
root@myvm ~]# systemctl start httpd
root@myvm ~]# adduser vikas
root@myvm ~]# passwd vikas
Changing password for user vikas.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Re-type new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Re-type new password:
passwd: all authentication tokens updated successfully.
root@myvm ~]# adduser richa
root@myvm ~]# passwd richa
Changing password for user richa.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Re-type new password:
passwd: all authentication tokens updated successfully.
root@myvm ~]# su - vikas
vikas@myvm ~]$ |
```

## Create Users (Vikas and Richa)

**sudo adduser vikas**

**sudo passwd vikas**

**sudo adduser richa**

**sudo passwd richa**

**Test user switch:**

**su - vikas**

# Install HTTPD (Web Server)

```
as@myvm:~          x  root@myvm:~          x | + | ~
fying      : httpd-tools-2.4.65-1.amzn2023.0.2.x86_64
fying      : libbrotli-1.0.9-4.amzn2023.0.2.x86_64
fying      : mailcap-2.1.49-3.amzn2023.0.3.noarch
fying      : mod_http2-2.0.27-1.amzn2023.0.3.x86_64
fying      : mod_lua-2.4.65-1.amzn2023.0.2.x86_64

led:
1.7.5-1.amzn2023.0.4.x86_64
util-lmdb-1.6.3-1.amzn2023.0.2.x86_64
ric-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
d-core-2.4.65-1.amzn2023.0.2.x86_64
d-tools-2.4.65-1.amzn2023.0.2.x86_64
cap-2.1.49-3.amzn2023.0.3.noarch
lua-2.4.65-1.amzn2023.0.2.x86_64

te!
myvm ~]# systemctl start httpd
myvm ~]# adduser vikas
myvm ~]# passwd vikas
ng password for user vikas.
ssword:
SSWORD: The password is shorter than 8 characters
 new password:
 passwords do not match.
ssword:
SSWORD: The password is shorter than 8 characters
 new password:
: all authentication tokens updated successfully.
myvm ~]# adduser richa
myvm ~]# passwd richa
ng password for user richa.
ssword:
SSWORD: The password is shorter than 8 characters
 new password:
: all authentication tokens updated successfully.
myvm ~]# su - vikas
@myvm ~]$ |
```

**sudo yum install httpd -y**  
**sudo systemctl start httpd**  
**sudo systemctl enable httpd**

# Create index.html

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

C:\Users\harsh.pandey> cd downloads
C:\Users\harsh.pandey\downloads> ssh -i "linuxkey.pem" ec2-user@ec2-18-207-255-199.compute-1.amazonaws.com
˓→_
˓→ #####_      Amazon Linux 2023
˓→ \#####\
˓→ \###|
˓→ \#/ ___ https://aws.amazon.com/linux/amazon-linux-2023
˓→   V~' '-->
˓→   /
˓→ ._. _/
˓→ /_/
˓→ /m/'_
˓→

Last login: Thu Nov 27 10:43:48 2025 from 125.18.103.158
[ec2-user@myvm ~]$ sudo su
root@myvm [~]# cd /var/www/html
root@myvm html]# vi index.html
root@myvm html]# vi index.html
root@myvm html]# sudo chmod 644 /var/www/html/index.html
root@myvm html]# vi index.html
root@myvm html]# vi index.html
root@myvm html]# Connection to ec2-18-207-255-199.compute-1.amazonaws.com closed by remote host.
Connection to ec2-18-207-255-199.compute-1.amazonaws.com closed.
C:\Users\harsh.pandey\downloads> |
```

**cd /var/www/html**

**vi index.html**

THIS IS LINUX TASK!

# Open Website Publicly

**Open browser  
<http://public-ip/>**

**In my case :  
<http://3.85.222.195/>**

# **Thank You!**