

Assignment

Installing a Domain Controller and Working with Objects in Active Directory

Task

Install Windows Server (version 2016, 2019, or 2022), then install the AD DS role, and then promote the domain controller. The domain name is formed according to the principle: vase_ime.lan (e.g. peter.lan). The name of the computer on which the domain controller is located should be: vase_prezime-1 (e.g., peter-1).

1. In the domain, create:

- user account, which will be called: your name.surname;*
- a Global Security group to be called: vas_grad Admins (e.g., Belgrade Admins);*
- An organizational unit that will have a name of your choice;*
- There are two computer accounts: SERVER-1 and SERVER-2.*

2. Reset the SERVER-2 computer account, and then activate this computer account so that users can log in to the domain again through it.

3. Add your user account to the previously created group. Delegate control to this group by importing computers into the domain and changing their membership in this group.

Provide the solution in a text document, where you will gradually describe the stages needed to solve the task. The solution description flow should be accompanied by appropriate screenshots for each step of solving the task.

CONTENT

INSTALLATION OF WINDOWS SERVER.....	2
CREATING OBJECTS IN A DOMAIN	11
USER ACCOUNT.....	12
SIGORNUS GROUP	13
ORGANIZATIONAL UNIT	14
COMPUTER ORDERS	15
RESETTING ANOTHER SERVER	16
DELEGATING CONTROL TO THE GROUP.	16

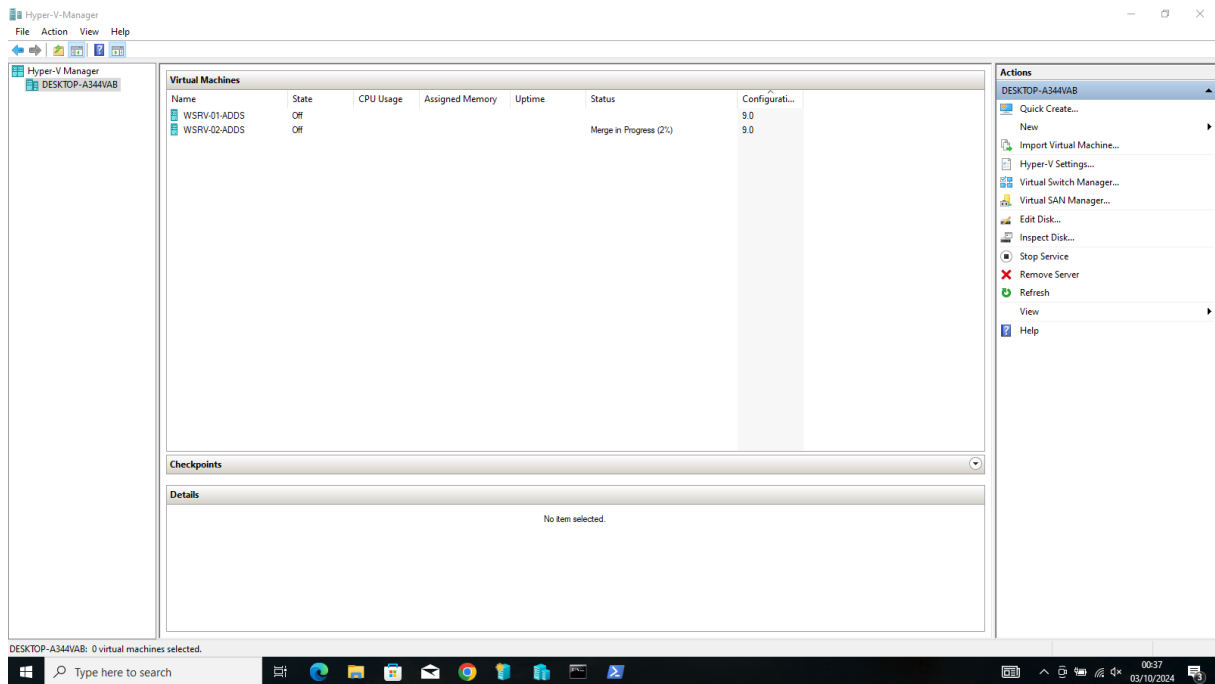
INSTALLATION OF WINDOWS SERVER

This document presents a step-by-step approach to solving a specific task, outlining the methodology, execution, and expected outcomes. By following the instructions, the reader will gain hands-on experience in applying technical concepts to practical situations, reinforcing both theoretical knowledge and problem-solving abilities.

The structured approach ensures that each step is clearly defined, making the process easy to follow and implement in professional environments.

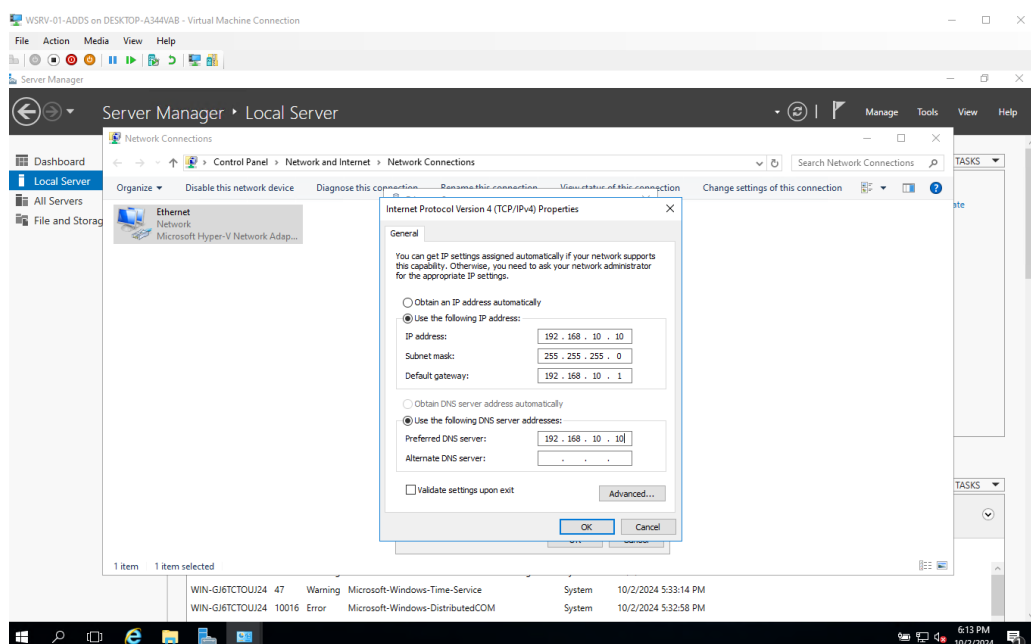
For the purposes of this task, the Hyper V virtualization platform was used, in order to complete the task completely, two Windows 2016 servers were used:

- WSRV-01-ADDS
- WSRV-02-ADDS

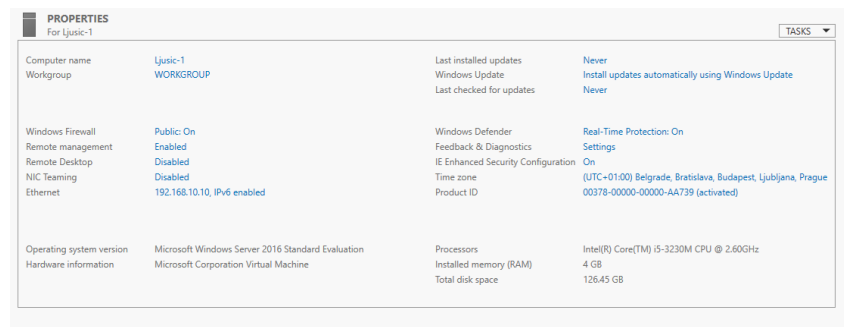


Server WSRV-01-ADDS

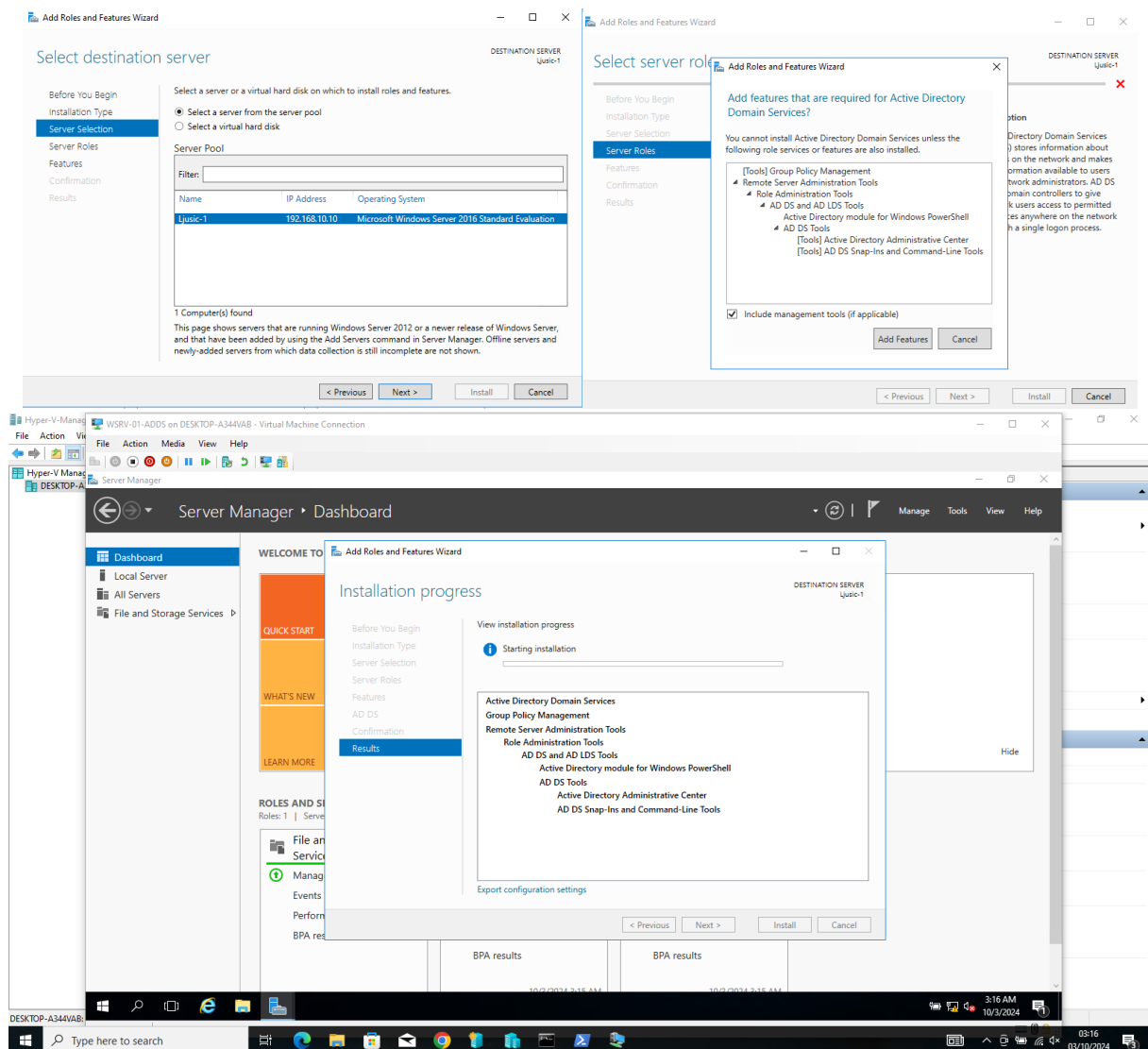
Through this subheading, the settings of this server and the additional installation of the AD DS role will be shown. The screenshots show the following actions:



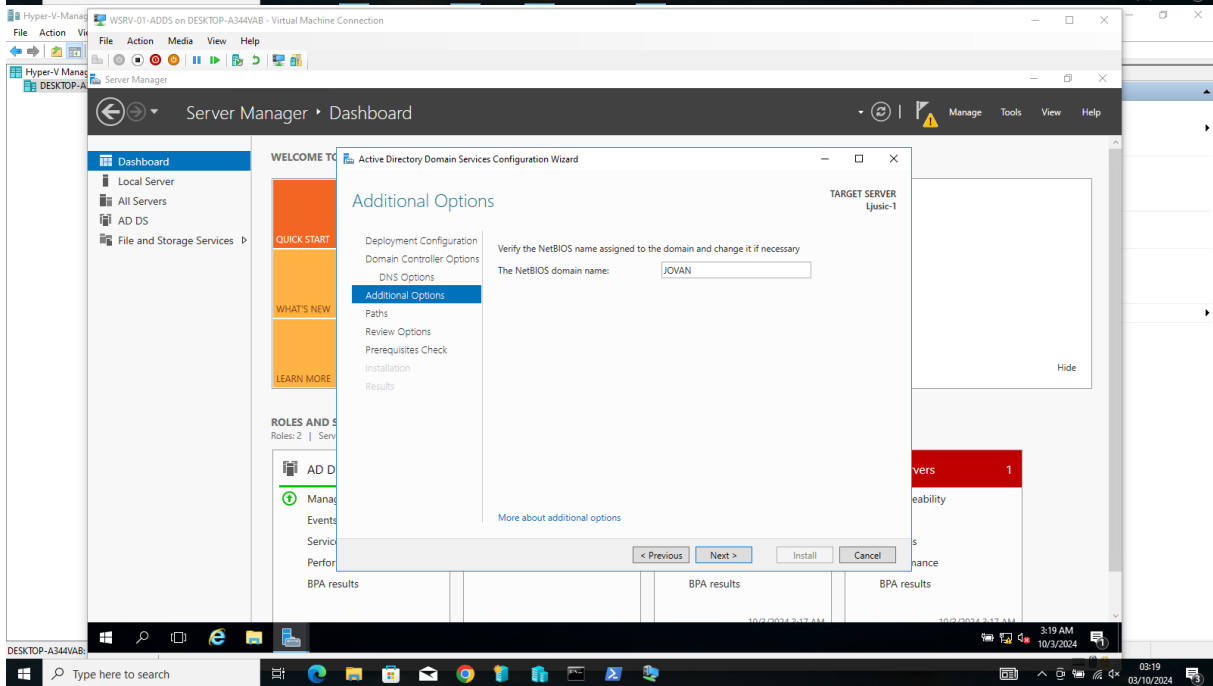
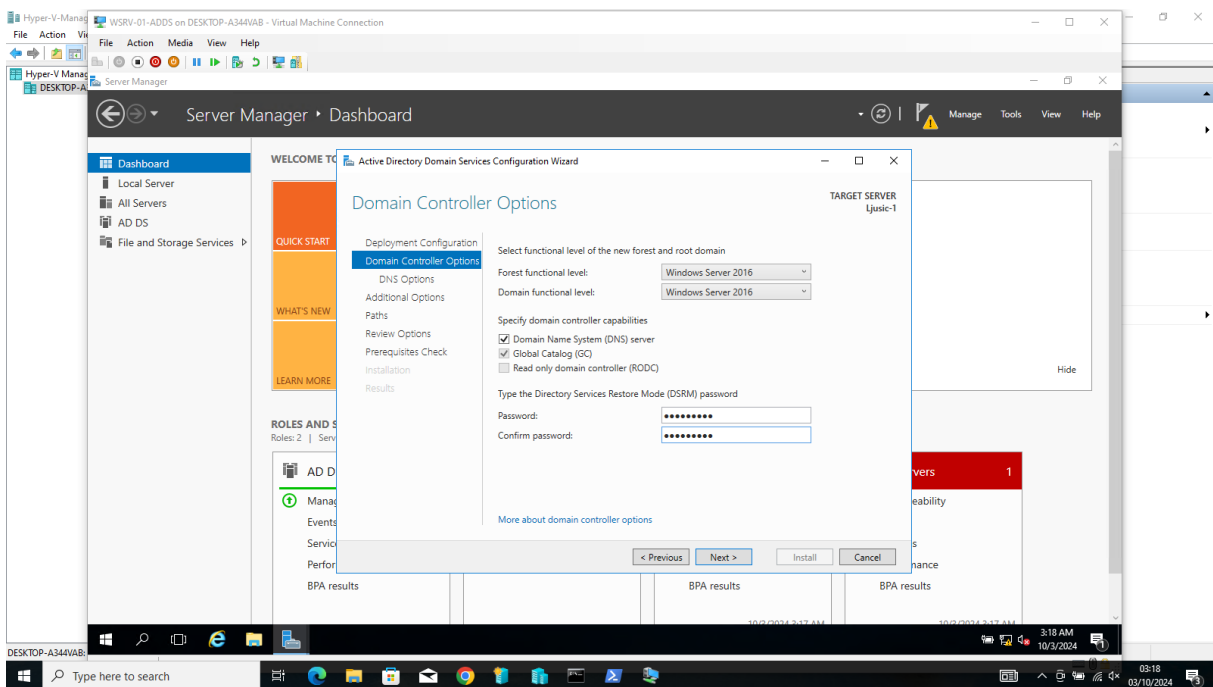
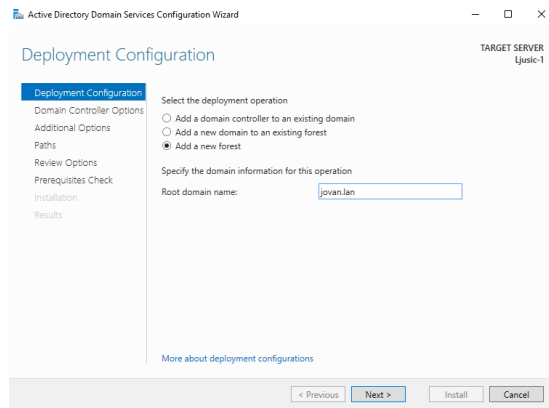
The first step shows you to enter a static Ip address, as shown in the screenshot, of which the DNS address is 192.168.10.10. Also a very important step is to connect the virtual machines to the Private Switch that has been created beforehand, so that there are no interference with the work of the Active Directory.

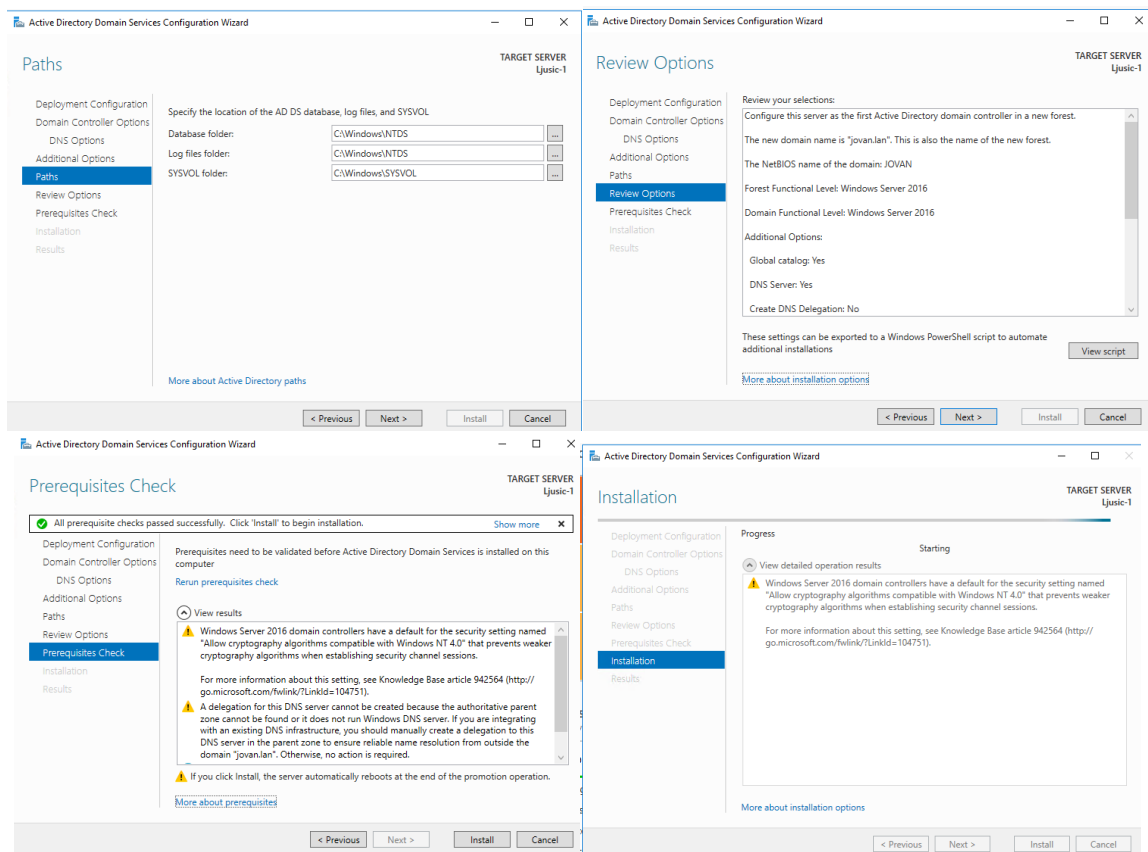


Also according to the task guidelines, the server name, named Ljusic-1, has also been changed, as well as the time zone setting. The next step is the AD DS role installation process:



Post-installation settings of the AD DS role:

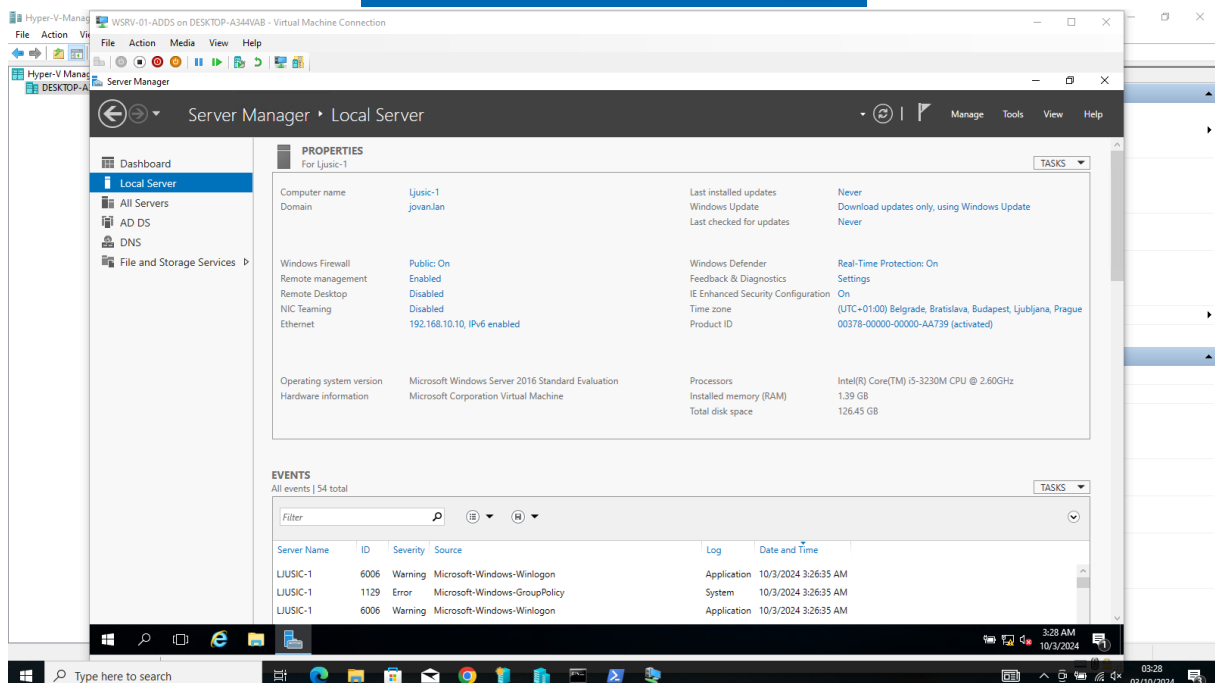




You're about to be signed out

The computer is being restarted because Active Directory Domain Services was installed or removed.

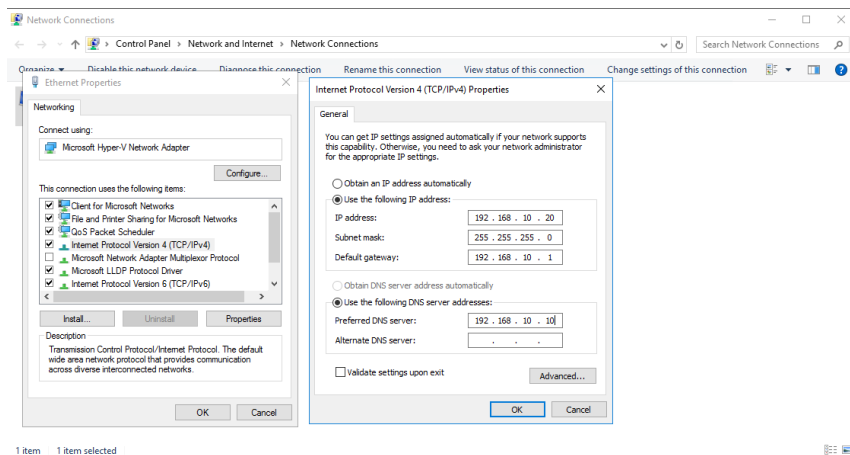
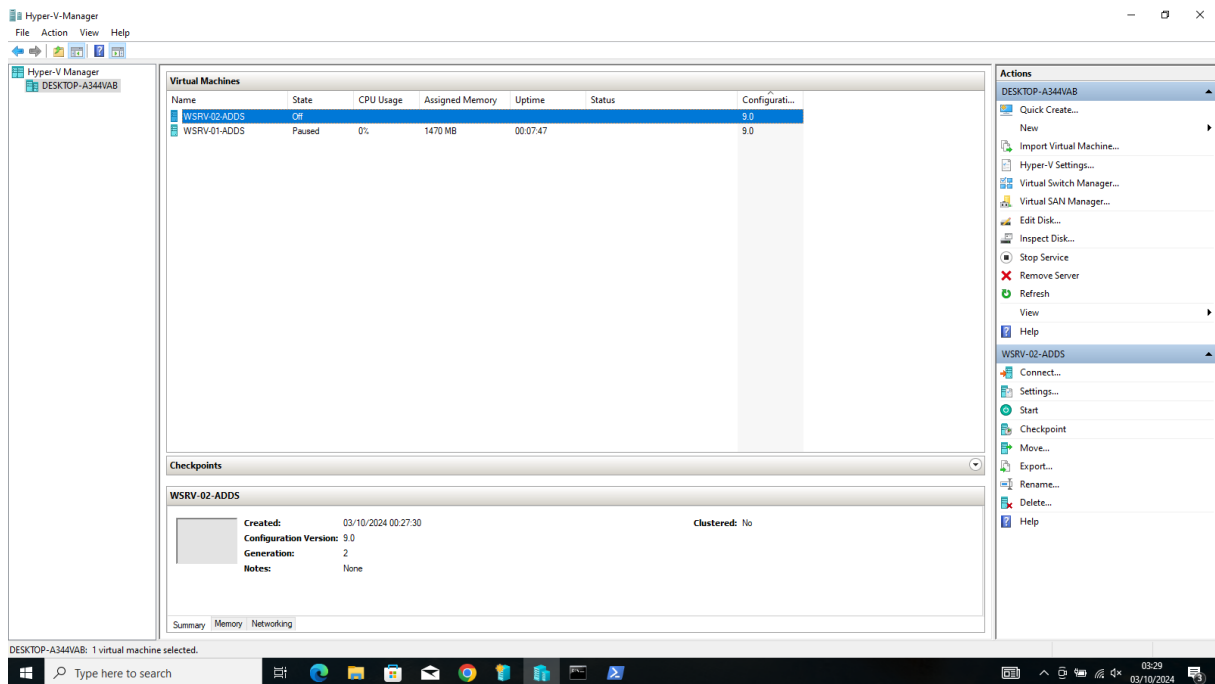
Close

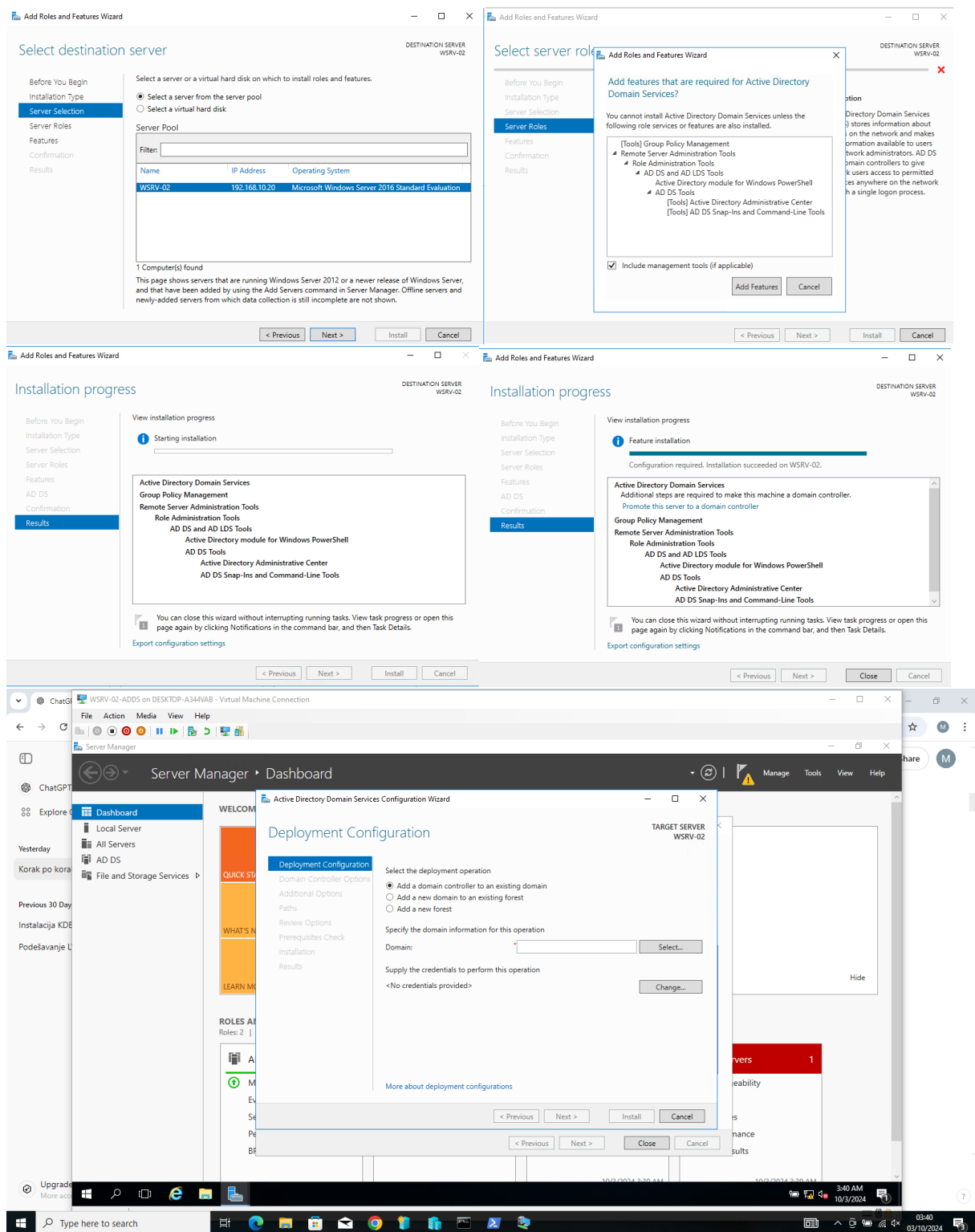


The last screenshot shows the entire result obtained after installing the AD DS role, which also joins this server to the domain, previously set according to the task guidelines to be the name of the user in this case jovan.lan.

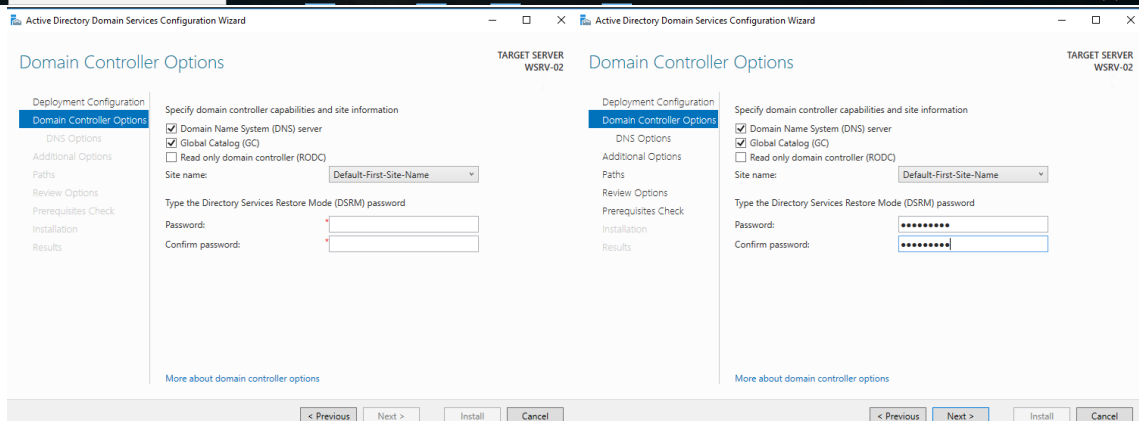
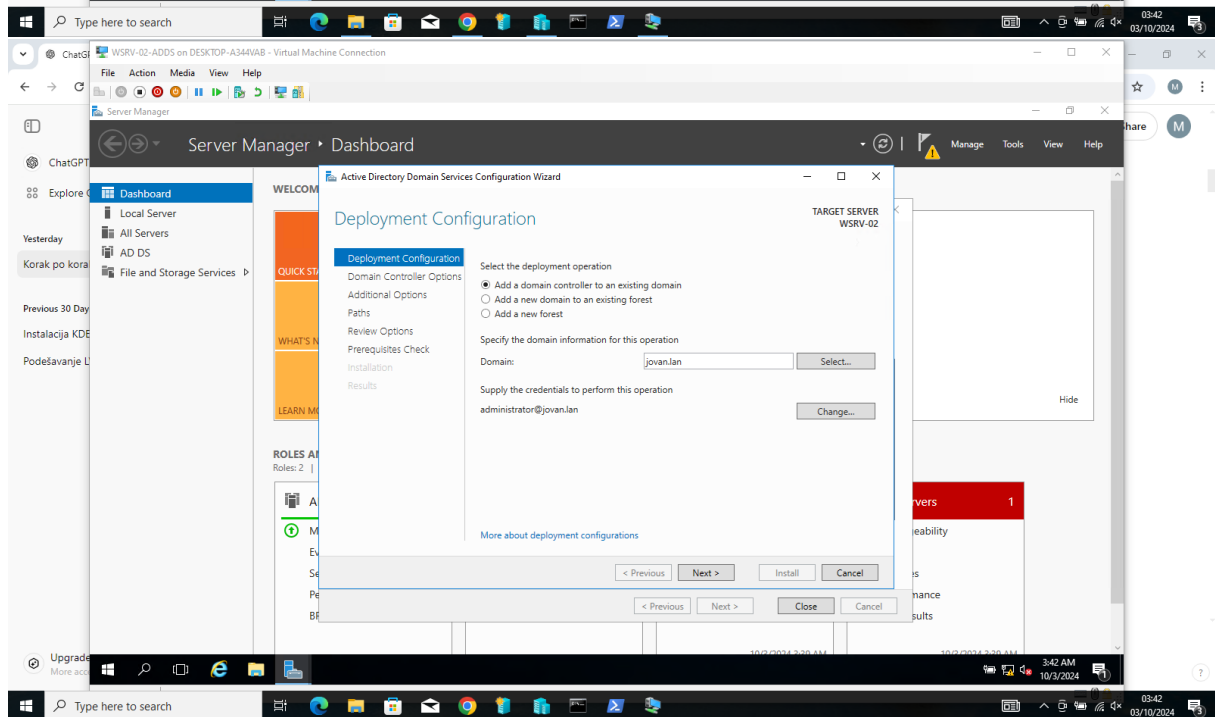
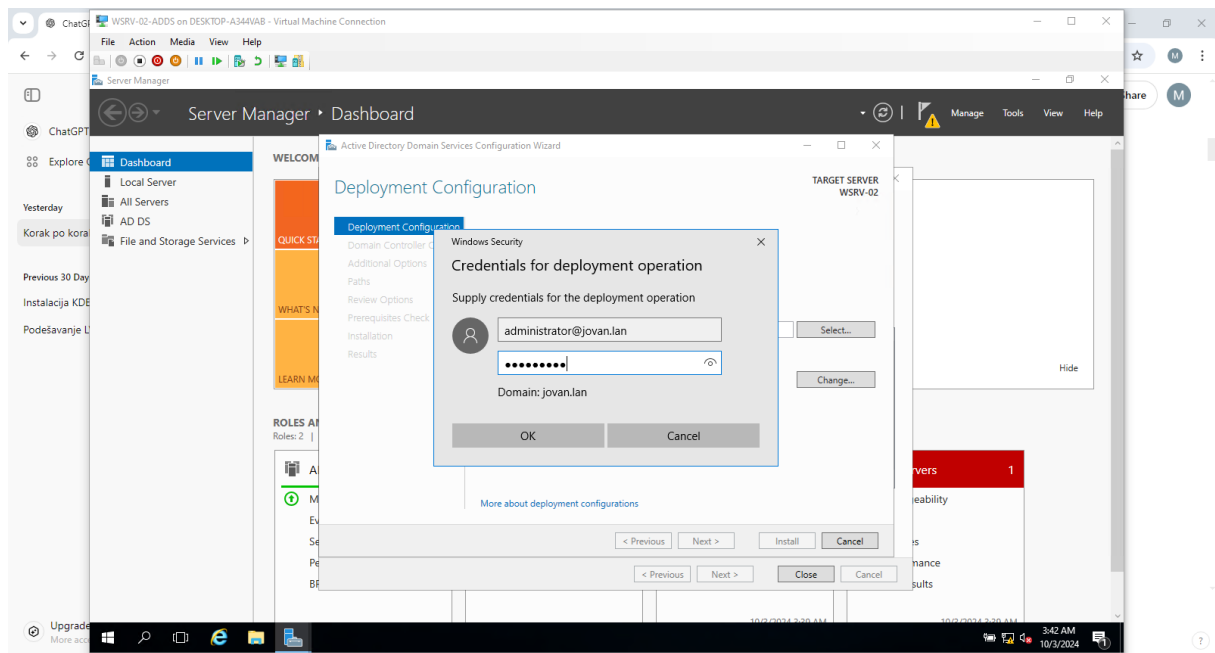
Setting up the server WSRV-02-ADDS:

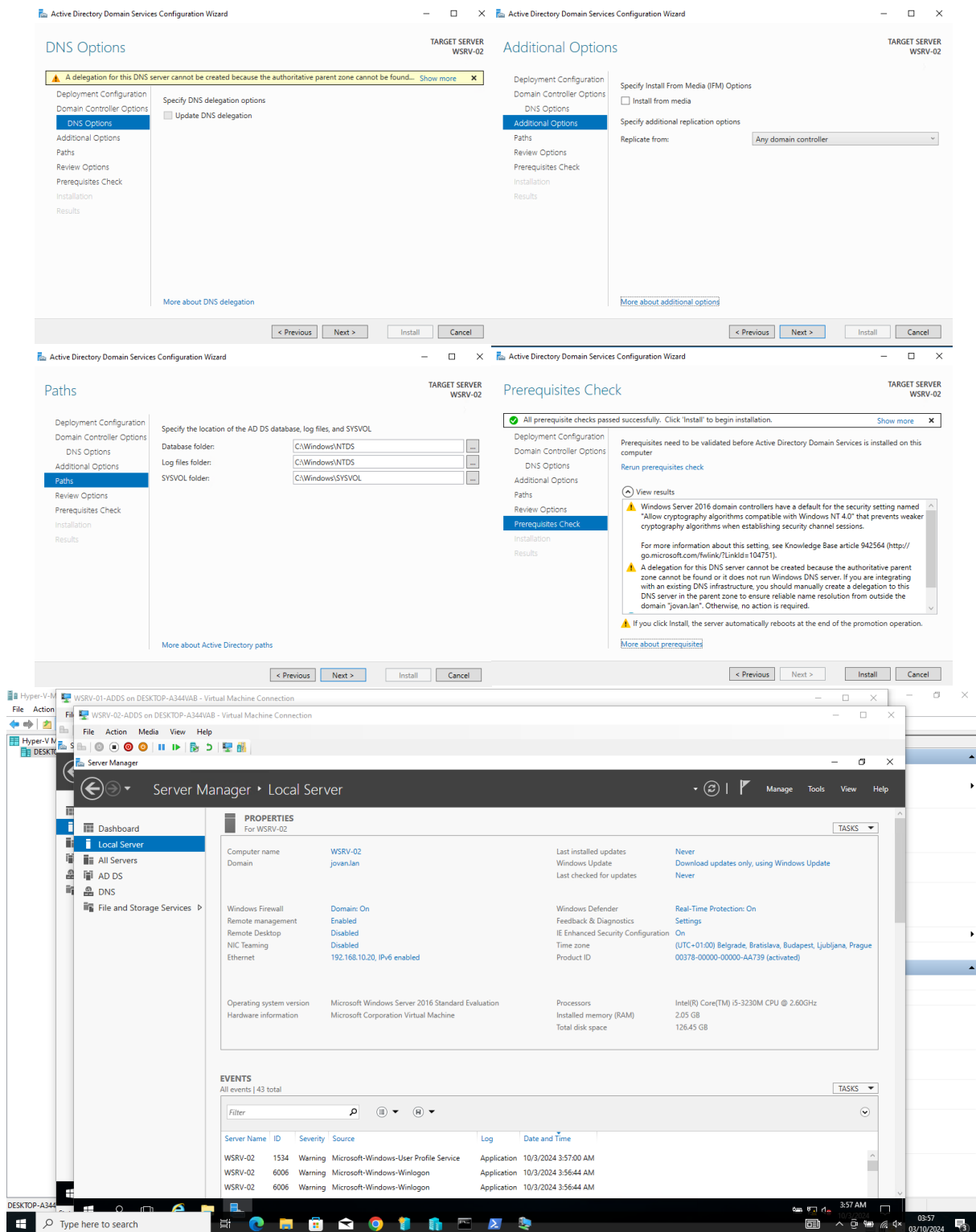
The first step is to connect to the server and run it, after which the step is also to add a static IP address and a DNS address that will be the same as the first 192.168.10.10. After that, the process also follows the installation of the AD DS role and the addition to an existing domain. The screenshots are as follows:





Deploy configuration follows the following steps, by ticking the section add server to an existing domain and clicking on the change icon, we perform a search for existing domains, in this case jovan.lan. After successfully finding it, the steps are as follows :

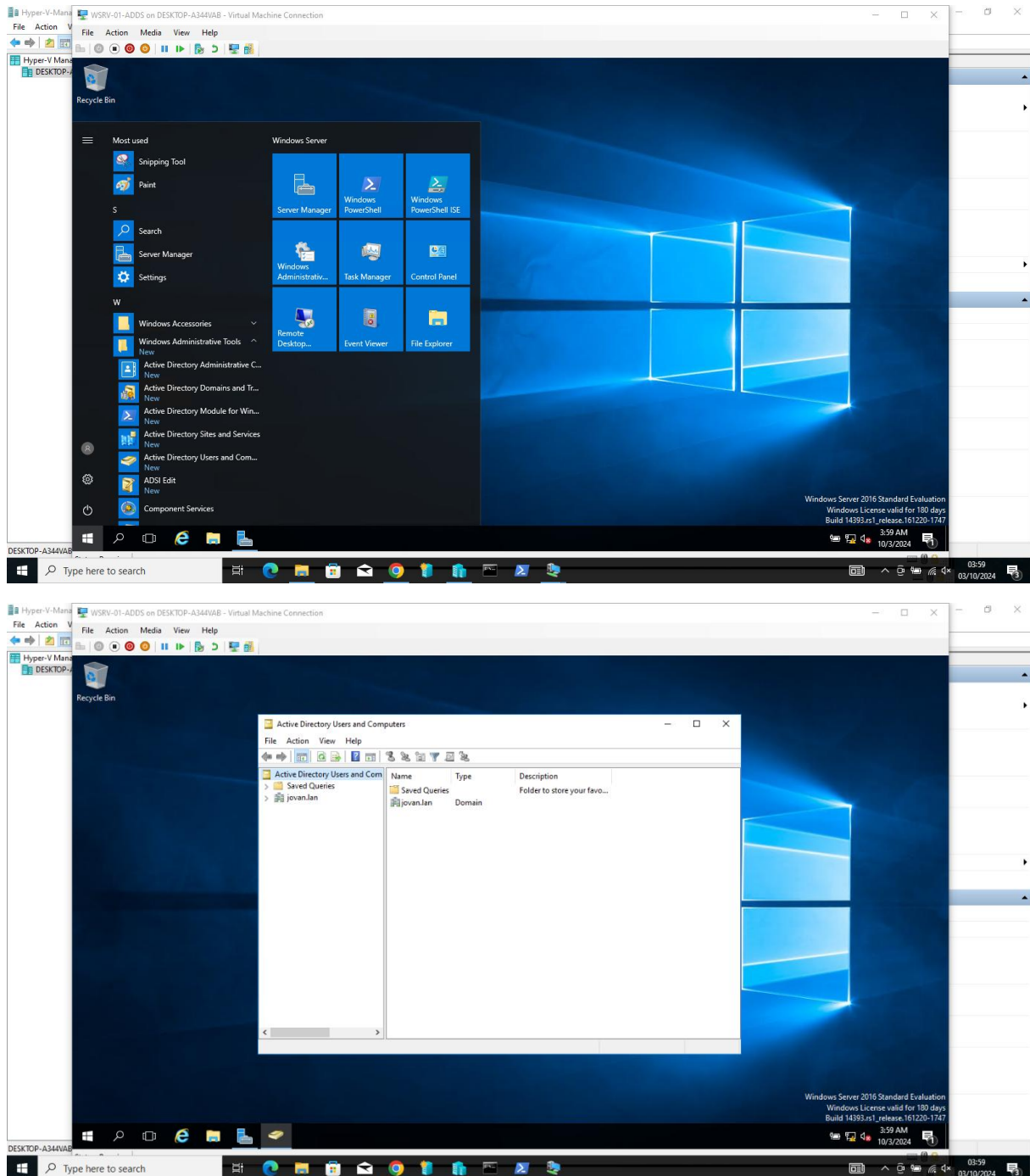




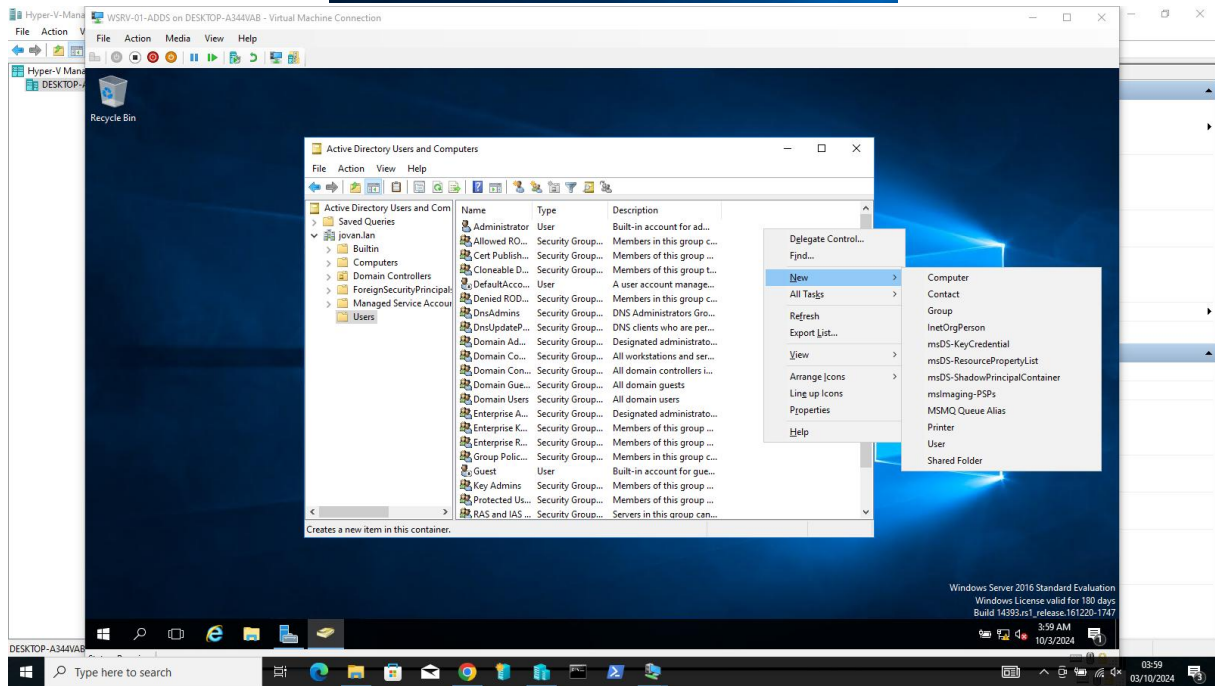
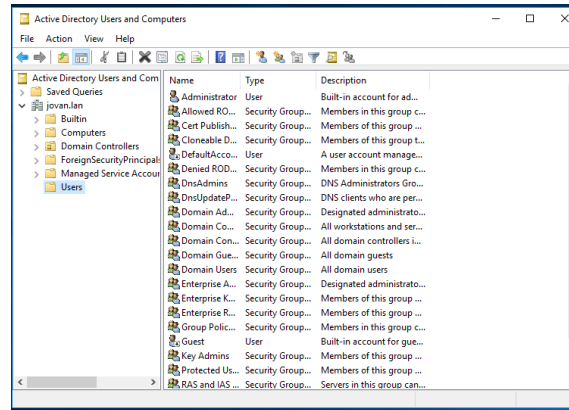
The last screenshot shows the content by which server number 2 was successfully added to an existing domain. The following heading will show what actions are possible with users and computers.

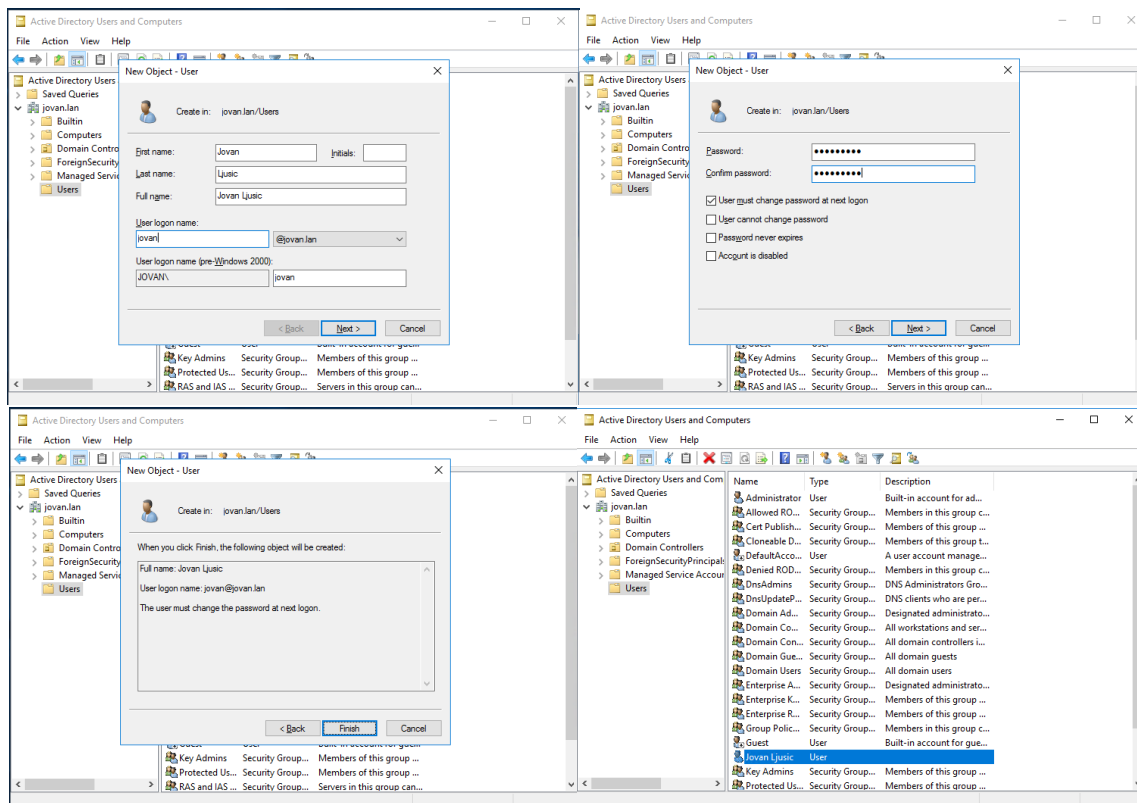
CREATING OBJECTS IN A DOMAIN

This title presents the functionalities provided by the AD DS roll. The first is Active Directory Users and Computers.



USER ACCOUNT



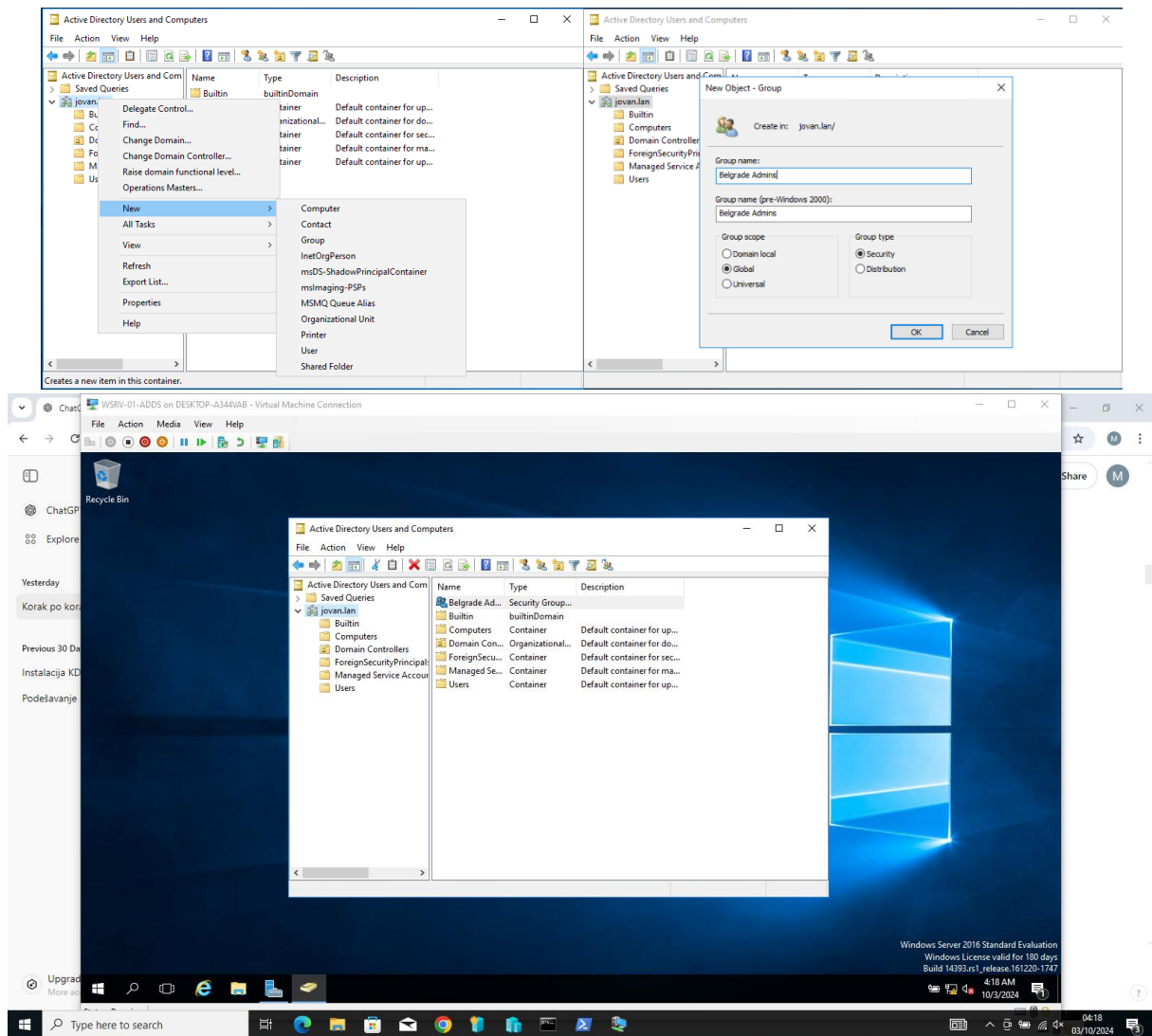


Here's how to successfully add a user through the Active Directory functionality, the steps are present through screenshots, and follow the task guidelines.

- *user account, which will be called: your name.surname;*

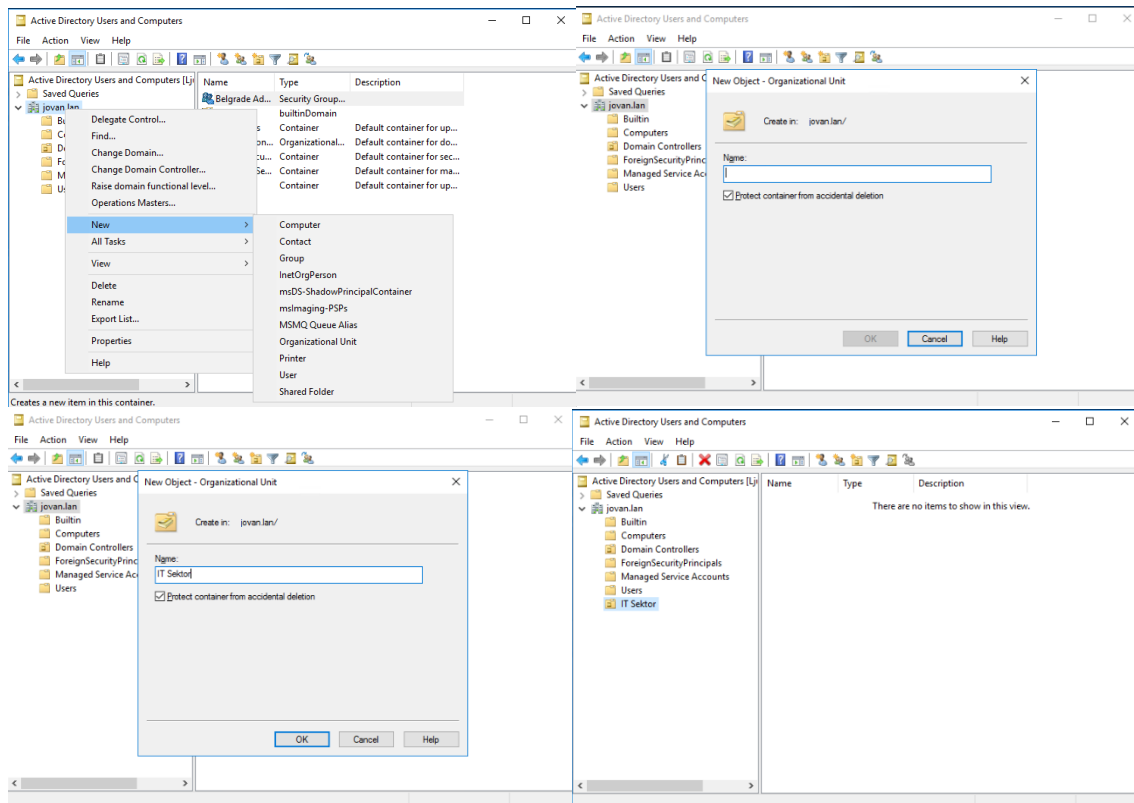
SIGORNUS GROUP

- *a Global Security group to be called: vas_grad Admins (e.g., Belgrade Admins);*



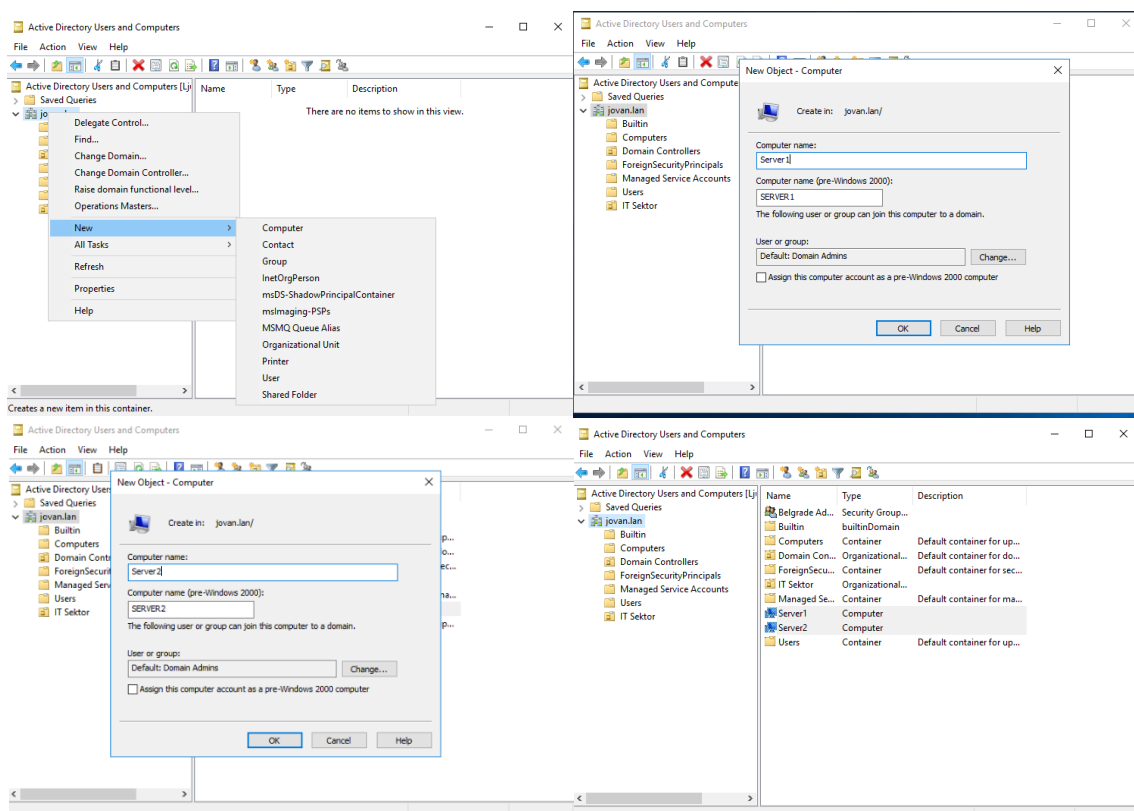
ORGANIZATIONAL UNIT

- *An organizational unit that will have a name of your choice.*



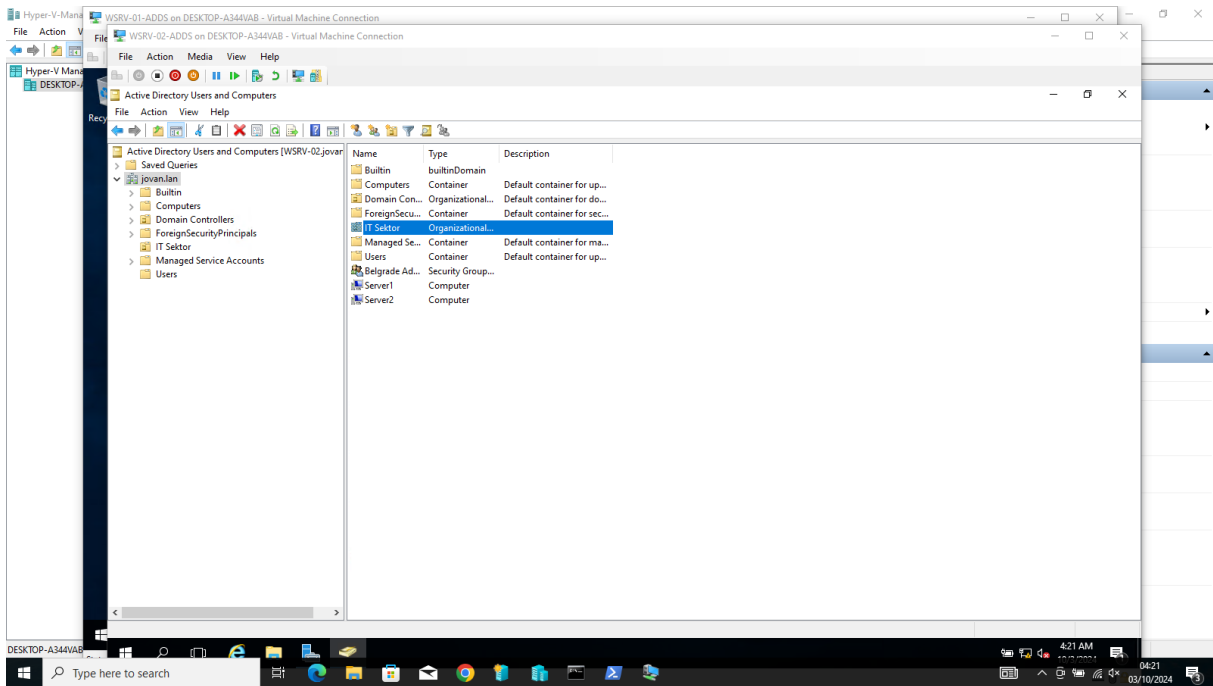
COMPUTER ORDERS

- *There are two computer accounts: SERVER-1 and SERVER-2.*



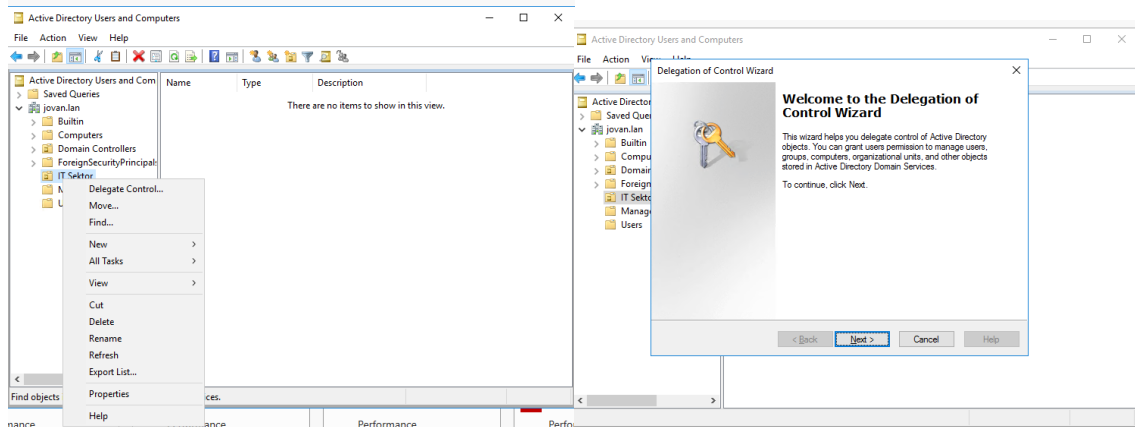
RESETTING ANOTHER SERVER

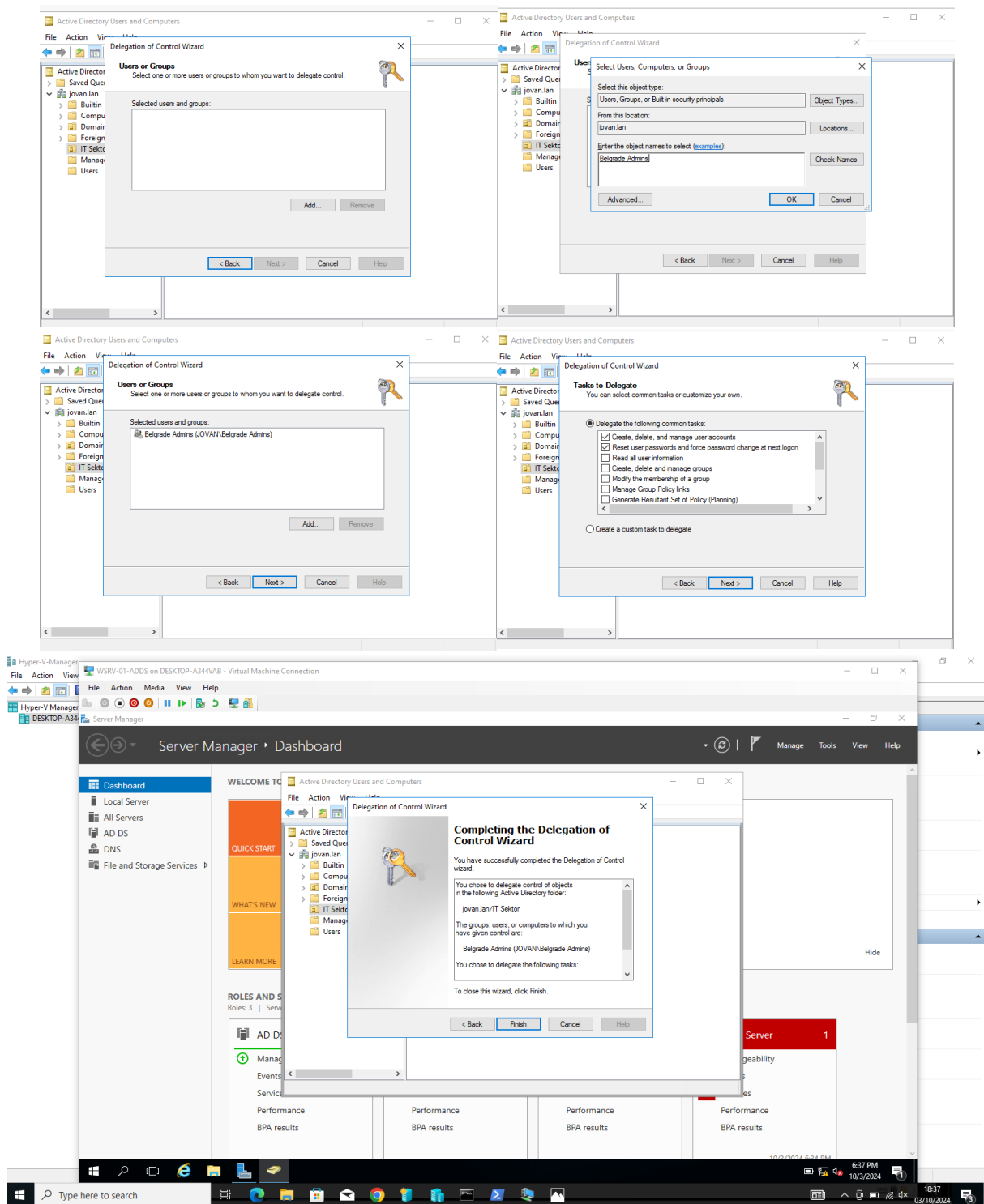
2. Reset the *SERVER-2* computer account, and then activate this computer account so that users can log in to the domain again through it.



DELEGATING CONTROL TO THE GROUP.

3. Add your user account to the previously created group. Delegate control to this group by importing computers into the domain and changing their membership in this group.





DISPLAYING THE LOGIN OF ANOTHER USER ACCOUNT

