# Lab 2: Active Directory

The Active Directory Domain Services was setup and configured in this lab. The same VM (desktop experience) from the first lab was used. This VM was chosen for its GUI tool.

First a forest was created under the name *lab.manish* as the root domain for the environment. This was done with *Add Roles and features* under *Manage* button. The setup and configuration were completed as shown in the screenshot below.
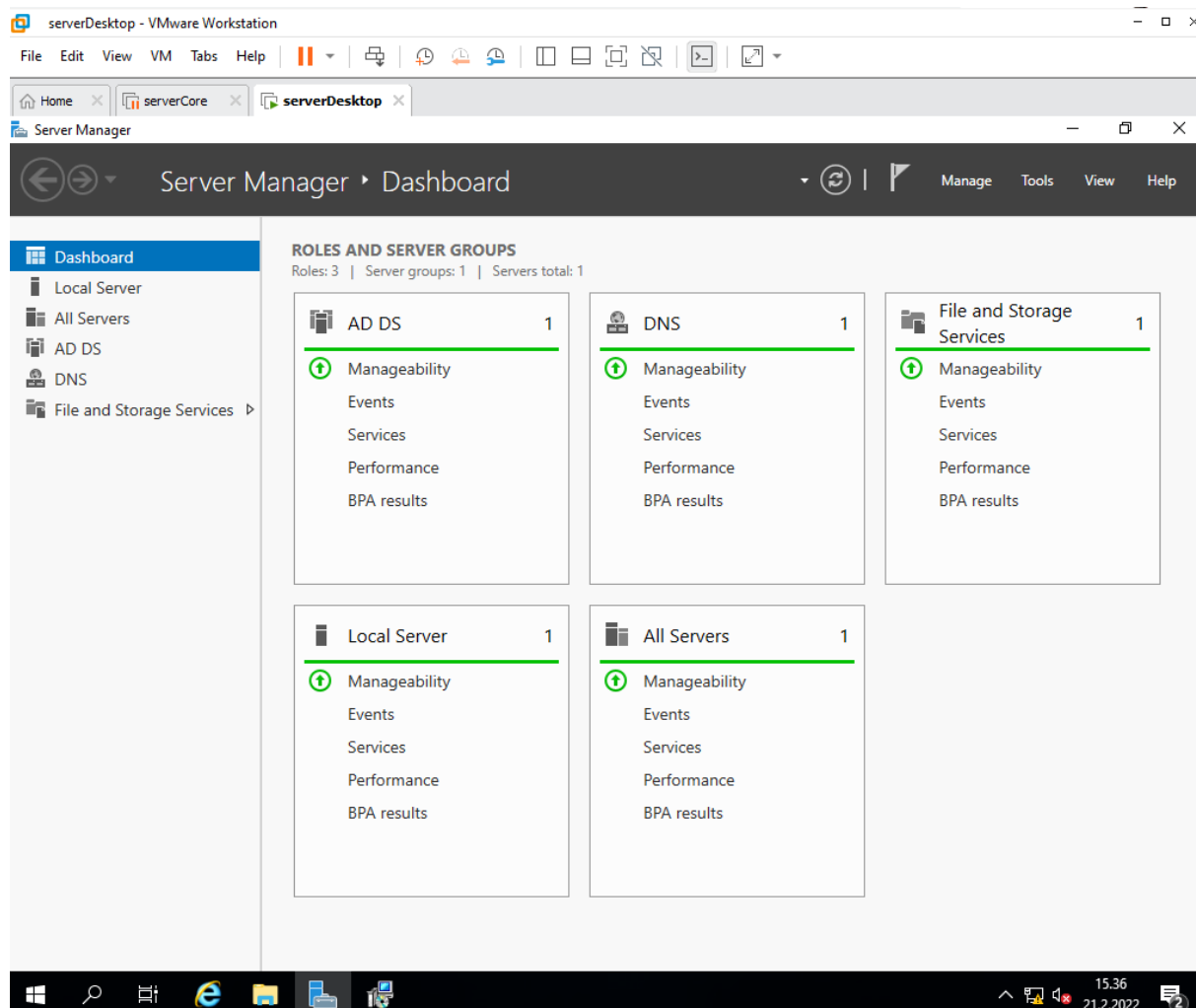


*Figure1: AD DS configured*

The login window changed to LAB\Administrator after the restart as the domain controller was now up and running. Following Organisational Units (OUs) were created in the domain. Users for each User OUs were also created as shown below. There are 2 benefits of OU; we can delegate admin privileges to specific OU, and we can target configurations for specific OUs.
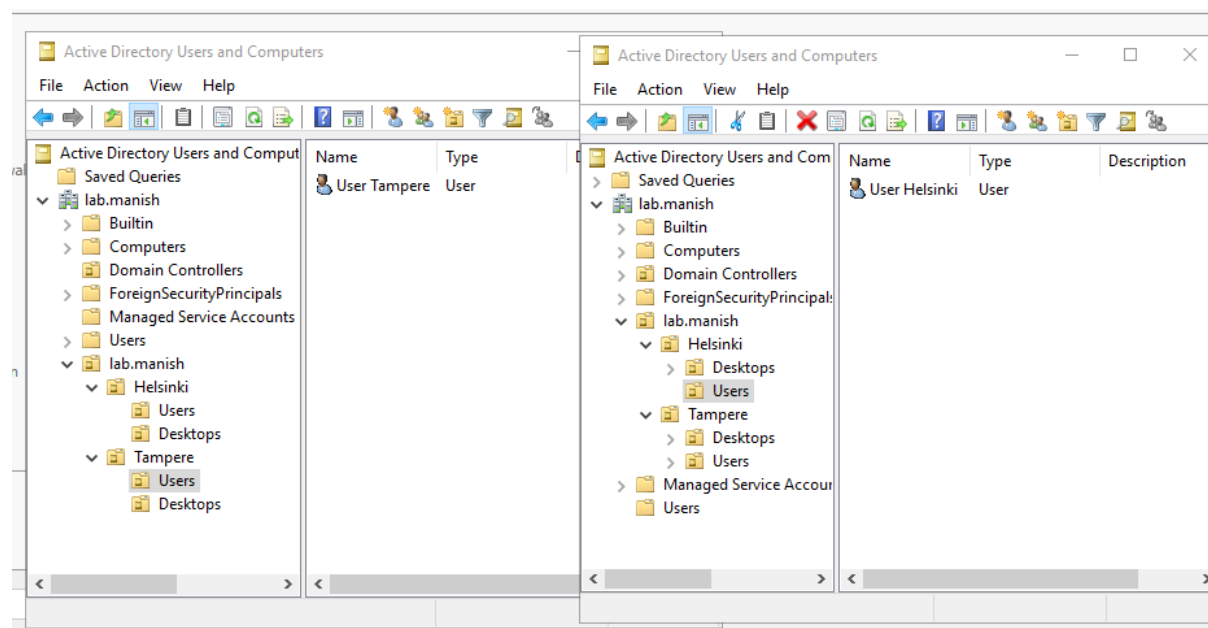


*Figure2: OU structure*

## Conclusion and Reflections

The first forest in a forest is called ROOT DOMAIN which is the most important one. It holds information for other domains that would be created in the future. Enterprise Admin user group is inside the root domain. Domain admins have admin privileges inside a domain while Enterprise admin has admin privileges inside whole forest. The computer name and IP address must be configured before setting up the domain controller. Roles do not need network connection as the files are already present in the computer. We can proceed with configuration straight-away. During the configuration, features are also set-up, these are supporting entities. AD DS requires a DNS server to be installed on the network. We configured the same domain to act as DNS server on this computer.