

## Homework M3: Active Directory

Main goal is to create an OU structure in AD containing several objects of user and computer type, and then with few commands to display the results. You do not need to span multiple VMs, all tasks can be done on a DC alone. All tasks can be done using either GUI or PowerShell, follow the approach you like most.

### Tasks

Create the following OU hierarchy:

```
+-- OU: Sales Gurus
  |-- OU: Sofia
    | |-- OU: Supervisors
    | | |-- User: Ivan Ivanov
    | |-- OU: Staff
    |   |-- User: Trayana Stoeva
    |   |-- User: Grigor Tishev
  |-- OU: Varna
    |-- OU: Supervisors
    | |-- User: Tsvetanka Hristova
  |-- OU: Staff
    |-- User: Petar Iliev
    |-- User: Gergana Petkova
```

In every OU of level 2 (Sofia and Varna) create computer objects for every user object in the OU children

Please follow these requirements:

- Username format - FIRST\_NAME.LAST\_NAME
- User password - Password1
- Computer name - PC-XX-YY, where XX is SF for Sofia and VN for Varna, and YY is a sequence - 01, 02, ...

### Proof

Prepare a document (report containing the above objects and their links) with few PowerShell cmdlets and their output. For example, for the OU part, you can execute a command like the one bellow, to prove that you did it:

```
PS C:\> Get-ADOrganizationalUnit -Filter 'Name -Like "*" ' | Format-Table Name, DistinguishedName -AutoSize
```

Name	DistinguishedName
-----	-----
Sales Gurus	OU=Sales Gurus,DC=wsa,DC=lab
Sofia	OU=Sofia,OU=Sales Gurus,DC=wsa,DC=lab
Varna	OU=Varna,OU=Sales Gurus,DC=wsa,DC=lab
Supervisors	OU=Supervisors,OU=Sofia,OU=Sales Gurus,DC=wsa,DC=lab

Staff	OU=Staff,OU=Sofia,OU=Sales Gurus,DC=wsa,DC=lab
Supervisors	OU=Supervisors,OU=Varna,OU=Sales Gurus,DC=wsa,DC=lab
Staff	OU=Staff,OU=Varna,OU=Sales Gurus,DC=wsa,DC=lab