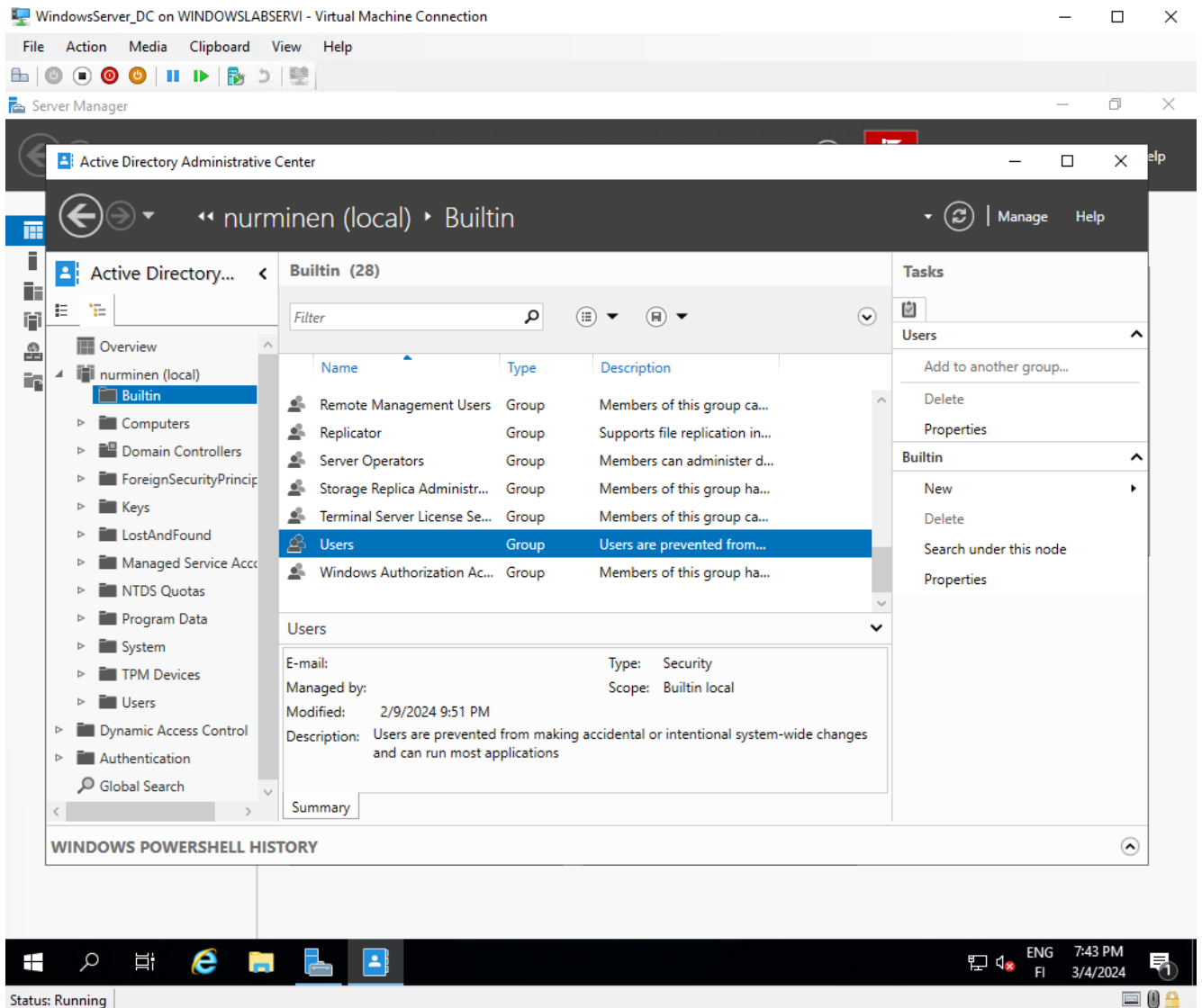


5.3.2024

Tehtävä 1

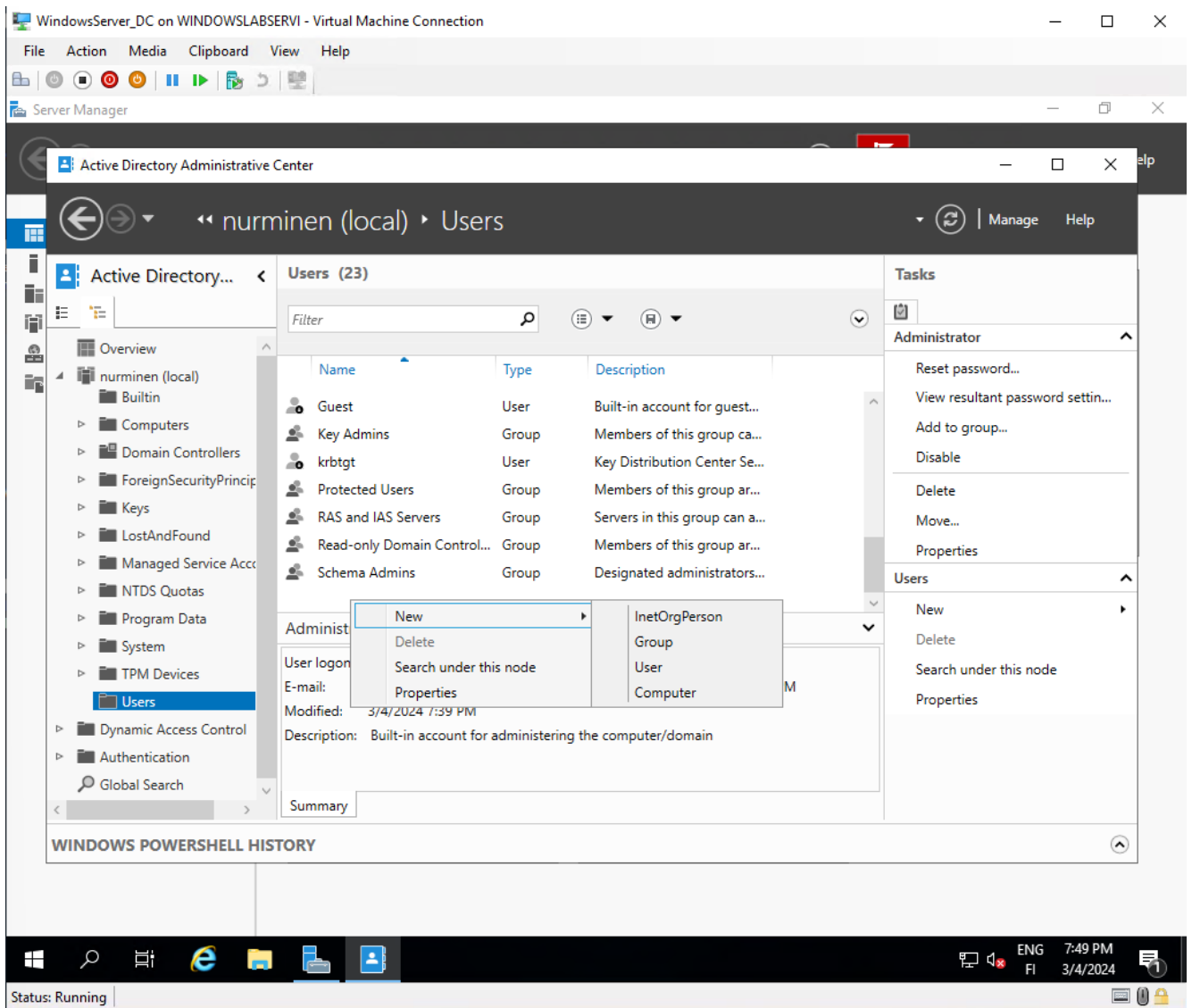
Tehtävän hommat käyntiin avaamalla WindowsServer_DC ja Server managerista löytyi Active Directory Administrative Center, mistä päästiin aloittamaan aktiivihakemiston rakentaminen.



Tehtävä 2/3

Siirryin Builtin säiliön puolelta rakentamaan yrityksen eri osastoja aktiivihakemistoon. Users säiliöön alettiin rakentamaan uusia käyttäjiä New User valikolla.

5.3.2024



Alkuun loin Head Quarter nimisen käyttäjän, muistin ruksittaa Other password options ja Password never expires. Toisin tämän saman myös Headnon Quarter ja neljälle muulle käyttäjälle.

5.3.2024

Create User: Head Quarter

TASKSSECTIONSD

Account

Organization

Member Of

Password Settings

Profile

Policy

Silo

Account

First name:Head

Middle initials:

Last name:Quarter

Full name:*Head Quarter

User UPN logon:Head@nurminen.lan

User SamAccountName I...nurminen*Head

Password:*****

Confirm password:*****

Create in: CN=Users,DC=nurminen,DC=lanChange...

☐ Protect from accidental deletion

Log on hours...Log on to...

Account expires:☒ Never
☐ End of

Password options:
☐ User must change password at next log on
☒ Other password options
☐ Microsoft Passport or smart card is required for interactive log...
☒ Password never expires
☐ User cannot change password

Encryption options:

Other options:

Organization

Display name:Head Quarter

Office:

E-mail:

Web page:

Job title:

Department:

Company:

Manager:Edit...Clear

Other web pages...

Direct reports:

More Information

OKCancel

Create User: Headnon Quarter

TASKSSECTIONSD

Account

Organization

Member Of

Password Settings

Profile

Policy

Silo

Account

First name:Headnon

Middle initials:

Last name:Quarter

Full name:*Headnon Quarter

User UPN logon:HeadNon@nurminen.lan

User SamAccountName I...nurminen*HeadNon

Password:*****

Confirm password:*****

Create in: CN=Users,DC=nurminen,DC=lanChange...

☐ Protect from accidental deletion

Log on hours...Log on to...

Account expires:☒ Never
☐ End of

Password options:
☐ User must change password at next log on
☒ Other password options
☐ Microsoft Passport or smart card is required for interactive log...
☒ Password never expires
☐ User cannot change password

Encryption options:

Other options:

Organization

Display name:Headnon Quarter

Office:

E-mail:

Web page:

Job title:

Department:

Company:

Manager:Edit...Clear

Other web pages...

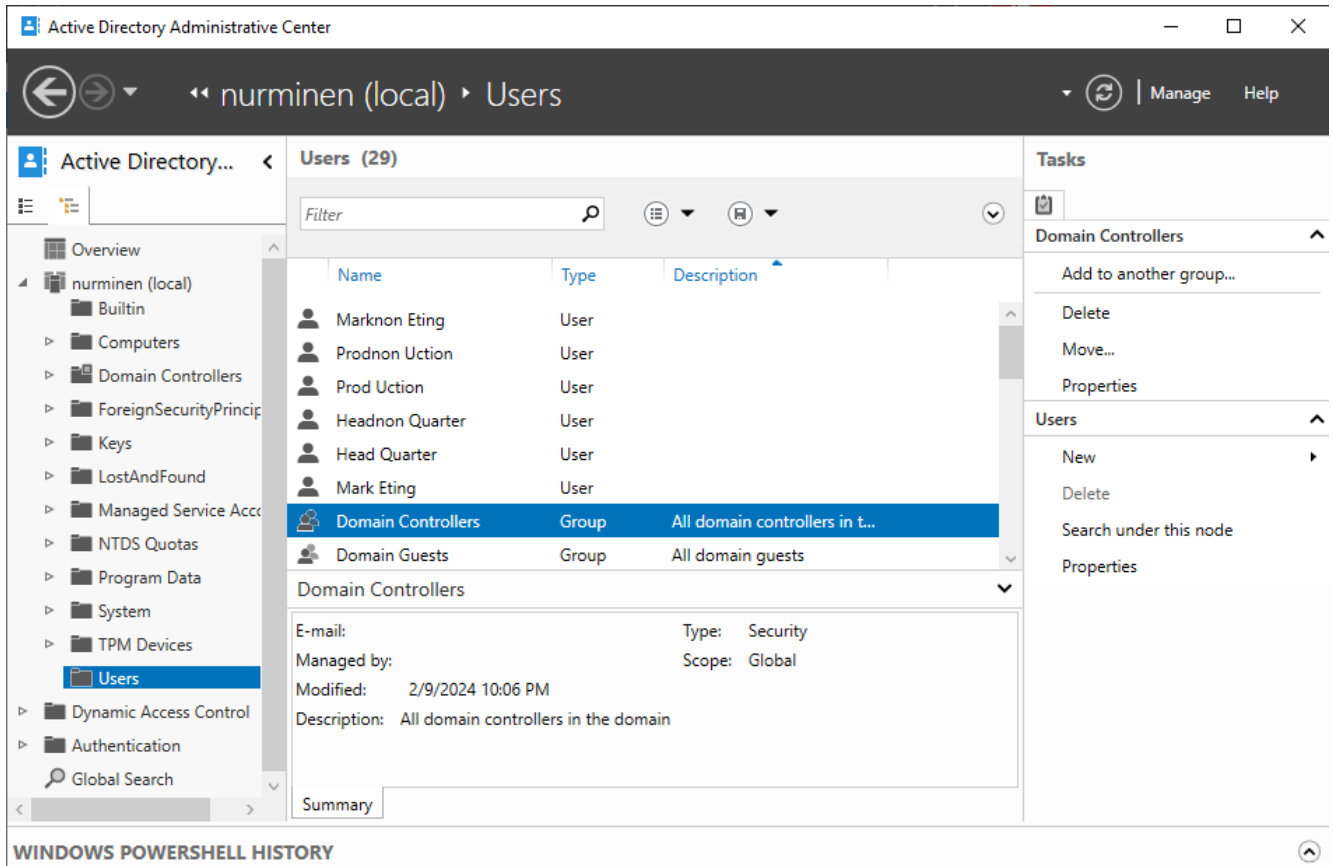
Direct reports:

More Information

OKCancel

5.3.2024

Kaikki käyttäjät luotiin samaa periaatetta käyttäen, mutta en nyt tähän lisää jokaisesta luonnista kuvaa, vaikka ne arkistoinkin itselleni raportointia varten. Lopputuloksena saatiin kuusi uutta käyttäjää.



Seuraavaksi siirryin Users säiliön sisällä rakentamaan uusia käyttäjäryhmiä aktiivihakemistoon. Aloitin Non-Management ryhmästä, mihin lisättiin myös samalla juuri luoduista käyttäjistä Non-päätteiset.

5.3.2024

—□×

Create Group: Non-Management

TASKS ▾SECTIONS ▾

Group

Managed By

Member Of

Members

Password Settings

Group

? × ↕

Group name: * Non-Management

Group (SamAcc... * Non-Management

Group type: ☒ Security ☐ Distribution

Group scope: ☐ Domain local ☒ Global ☐ Universal

☐ Protect from accidental deletion

E-mail:

Create in: CN=Users,DC=nurminen,DC=lan

Description: [Change...](#)

Notes:

Managed By

? × ↕

Managed by: [Edit...](#) [Clear](#)

☐ Manager can update membership list

Phone numbers: Main: Mobile: Fax:

Office:

Address: Street City State/Province Zip/Postal c... Country/Region: ▾

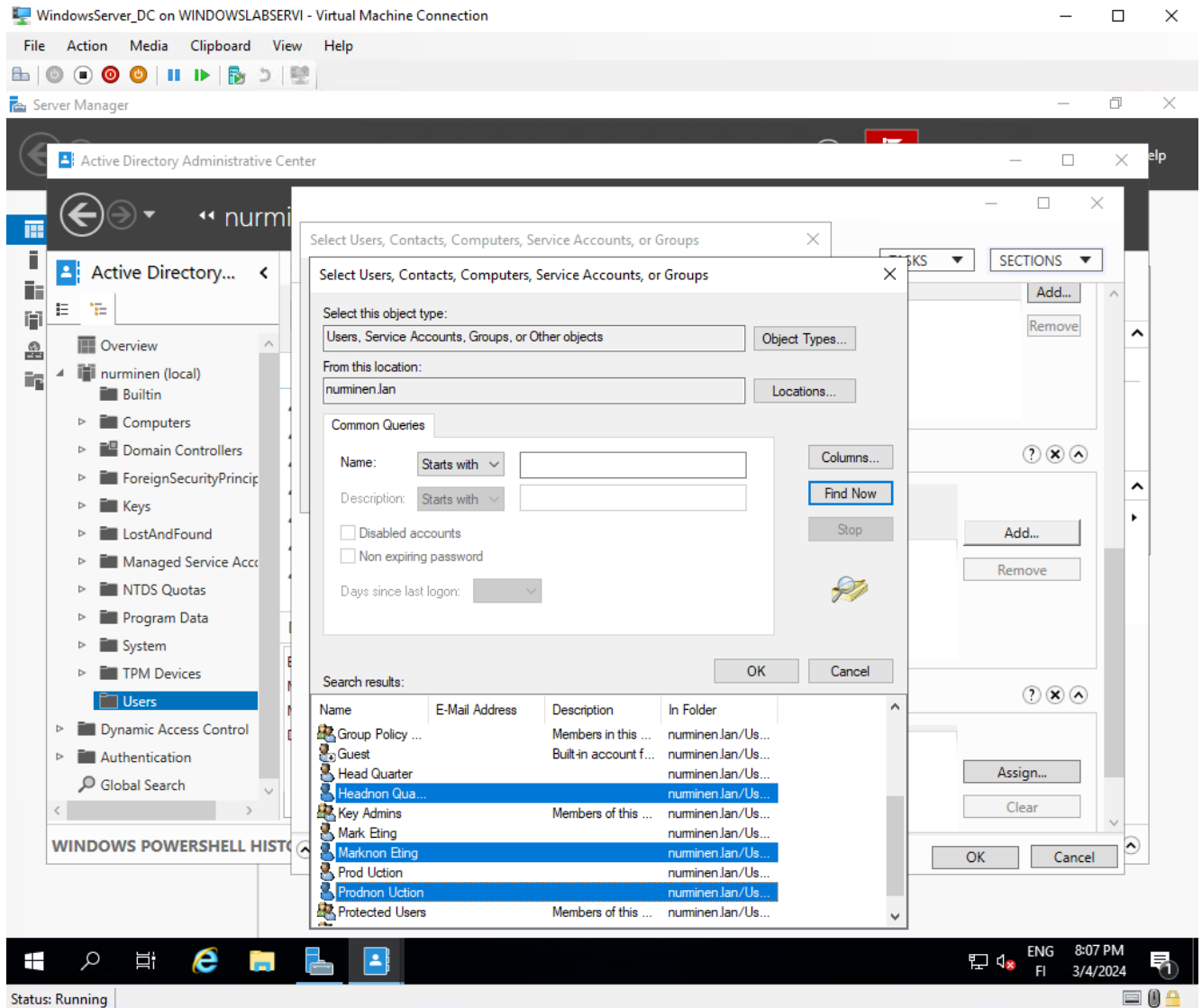
Member Of

? × ↕

↕ More Information

OKCancel

5.3.2024



Saman prosessin toistin vielä Management ryhmälle, mihin lisättiin suoraan käyttäjät, jotka eivät sisältäneet Non-päätettä.

5.3.2024

— □ ×

Create Group: Management

TASKS ▾SECTIONS ▾

Group

Managed By

Member Of

Members

Password Settings

Group

Group name: * ManagementE-mail:

Group (SamAcc... * ManagementCreate in: CN=Users,DC=nurminen,DC=lan
[Change...](#)

Group type:Group scope:
☒ Security☐ Domain local
☐ Distribution☒ Global
☐ Universal

☐ Protect from accidental deletion

Description:

Notes:

Managed By

Managed by: [Edit...](#) [Clear](#)Office:

☐ Manager can update membership list

Phone numbers:
Main:
Mobile:
Fax:

Address:

Country/Region:

Member Of

⬆ More Information

OKCancel

Select Users, Contacts, Computers, Service Accounts, or Groups

Select this object type:
Users, Service Accounts, Groups, or Other objects Object Types...

From this location:
numinen.lan Locations...

Common Queries

Name: Starts with

Description: Starts with

☐ Disabled accounts
☐ Non expiring password

Days since last login:

Columns...
Find Now
Stop

Search results:

Name	E-Mail Address	Description	In Folder
Head Quarter			numinen.lan/Us...
Headnon Qua...			numinen.lan/Us...
Key Admins		Members of this ...	numinen.lan/Us...
Mark Eting			numinen.lan/Us...
Marknon Eting			numinen.lan/Us...
Non-Manage...			numinen.lan/Us...
Prod Uction			numinen.lan/Us...
Prodnon Uction			numinen.lan/Us...
Protected Users		Members of this ...	numinen.lan/Us...
Read-only Do...		Members of this ...	numinen.lan/Us...

Lopputuloksena saatiin kaksi uutta ryhmää, mitkä sisältävät molemmat niille oleelliset käyttäjät.

5.3.2024

Active Directory Administrative Center

« nurminen (local) » Users

Active Directory... Users (31)

Filter

Name	Type	Description
Marknon Eting	User	
Prodnnon Uction	User	
Non-Management	Group	
Prod Uction	User	
Headnon Quarter	User	
Head Quarter	User	
Management	Group	
Mark Eting	User	

2 items selected

Organizational Units: Users: Groups: 2 Computers:

Contacts: Password Settings: Other Objects:

Summary

Tasks

2 items selected

Add to group...

Move...

Delete

Properties

Users

New

Delete

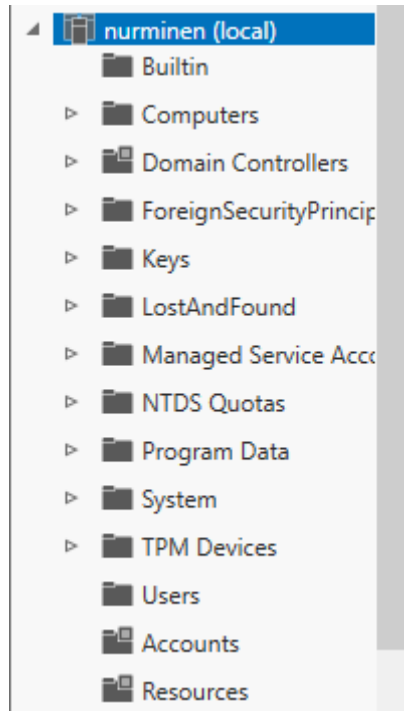
Search under this node

Properties

WINDOWS POWERSHELL HISTORY

5.3.2024

Organisaation rakenteeseen on hyvä rakentaa myös kaksi jaottelua omiin aktiivihakemiston ryhmiin. Accounts ja Resources luonti onnistui ongelmitta ja muistin käyttää Protect from accidental deletion, vaikka se olikin automaattisesti jo ryhmää luodessa päällä.



Näiden tuoreiden organisaatioyksikköjen sisään rakensin vielä aliyksiköt. Accounts sisälle loin Marketing, Production, HeadQuarters ja Resources sisälle Servers, Laptops, Desktops.

Active Directory Administrative Center

« nurminen (local) » Accounts »

Active Directory... Accounts (3)

Filter

Name	Type	Description
Marketing	Organizati...	
Production	Organizati...	
HeadQuarters	Organizati...	

Tasks

Accounts

- New
- Delete
- Move...
- Search under this node
- Properties

Overview

- nurminen (local)
 - Builtin
 - Computers
 - Domain Controllers
 - ForeignSecurityPrincipals
 - Keys
 - LostAndFound
 - Managed Service Accounts
 - NTDS Quotas
 - Program Data
 - System
 - TPM Devices
 - Users
 - Accounts**
 - Resources
- Dynamic Access Control

WINDOWS POWERSHELL HISTORY

Active Directory Administrative Center

« nurminen (local) » Resources »

Active Directory... Resources (3)

Filter

Name	Type	Description
Servers	Organizati...	
Laptops	Organizati...	
Desktops	Organizati...	

Tasks

Desktops

- New
- Delete
- Move...
- Search under this node
- Properties

Resources

- New
- Delete
- Move...
- Search under this node
- Properties

Overview

- nurminen (local)
 - Builtin
 - Computers
 - Domain Controllers
 - ForeignSecurityPrincipals
 - Keys
 - LostAndFound
 - Managed Service Accounts
 - NTDS Quotas
 - Program Data
 - System
 - TPM Devices
 - Users
 - Accounts
 - Resources**
- Dynamic Access Control

Desktops

Managed by: Address:

Modified: 3/4/2024 8:16 PM

Description:

Summary

WINDOWS POWERSHELL HISTORY

5.3.2024

Aikaisemmin luodut käyttäjät ja tiedostopalvelin piti vielä siirtää juuri luotuihin alakategorioihin.

The image consists of two screenshots from the Active Directory Administrative Center (ADAC) interface.

Top Screenshot: The interface shows the 'Users (31)' view for the 'nurminen (local)' domain. A 'Move' dialog box is open, allowing selection of a new category for the selected user. The 'Find in this column' lists include 'nurminen', 'Accounts', and 'HeadQuarters'. The 'HeadQuarters' category is selected in the third column. The 'OK' button is visible at the bottom of the dialog.

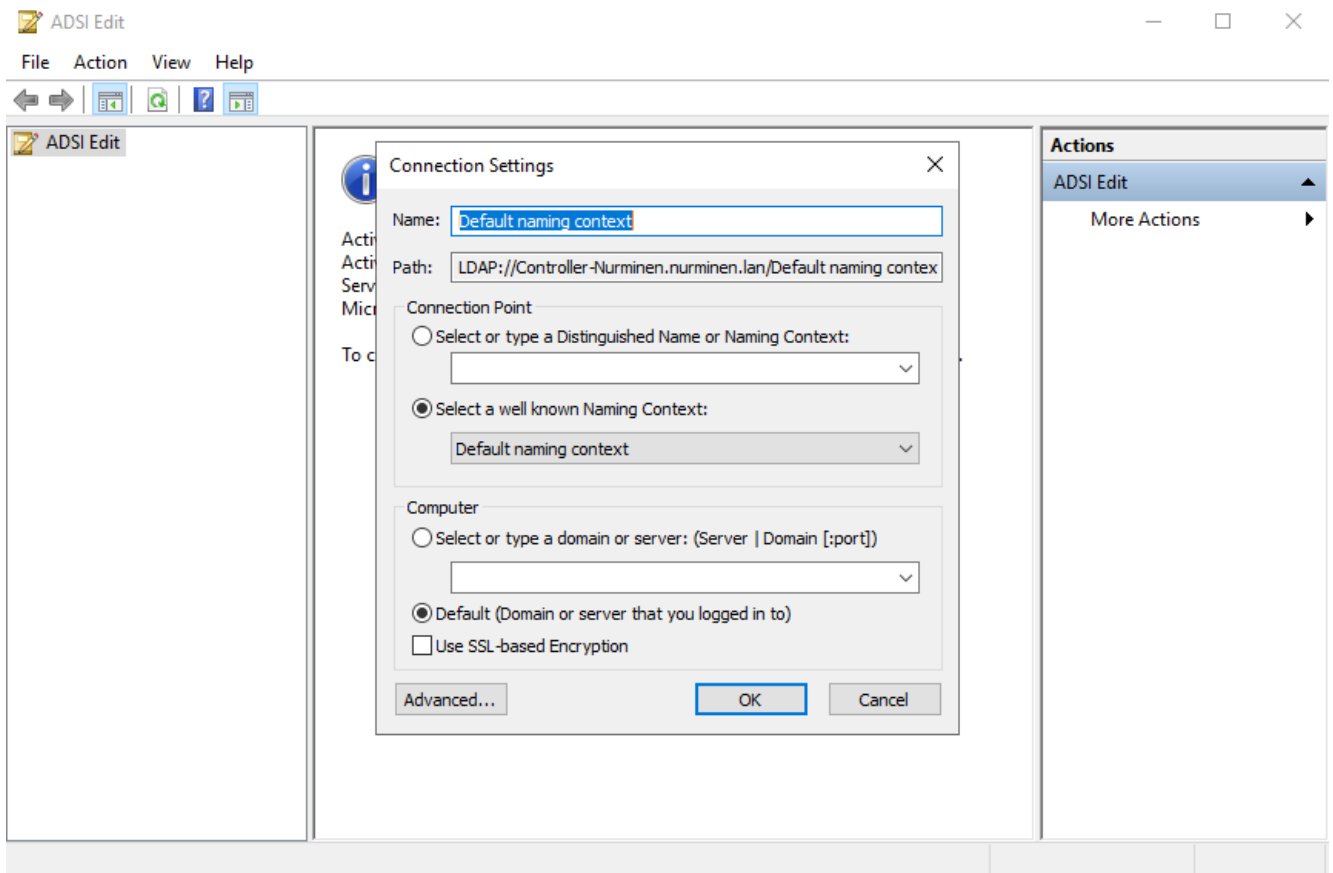
Bottom Screenshot: The interface shows the 'Computers (1)' view for the 'nurminen (local)' domain. A table lists the computer 'FILESERVER-NURM' as a 'Computer'. A 'Move' dialog box is open, allowing selection of a new category for the selected computer. The 'Find in this column' lists include 'nurminen', 'Resources', and 'Servers'. The 'Servers' category is selected in the third column. The 'OK' button is visible at the bottom of the dialog.

At the bottom of the page, there is a section titled 'WINDOWS POWERSHELL HISTORY' with an upward arrow icon.

5.3.2024

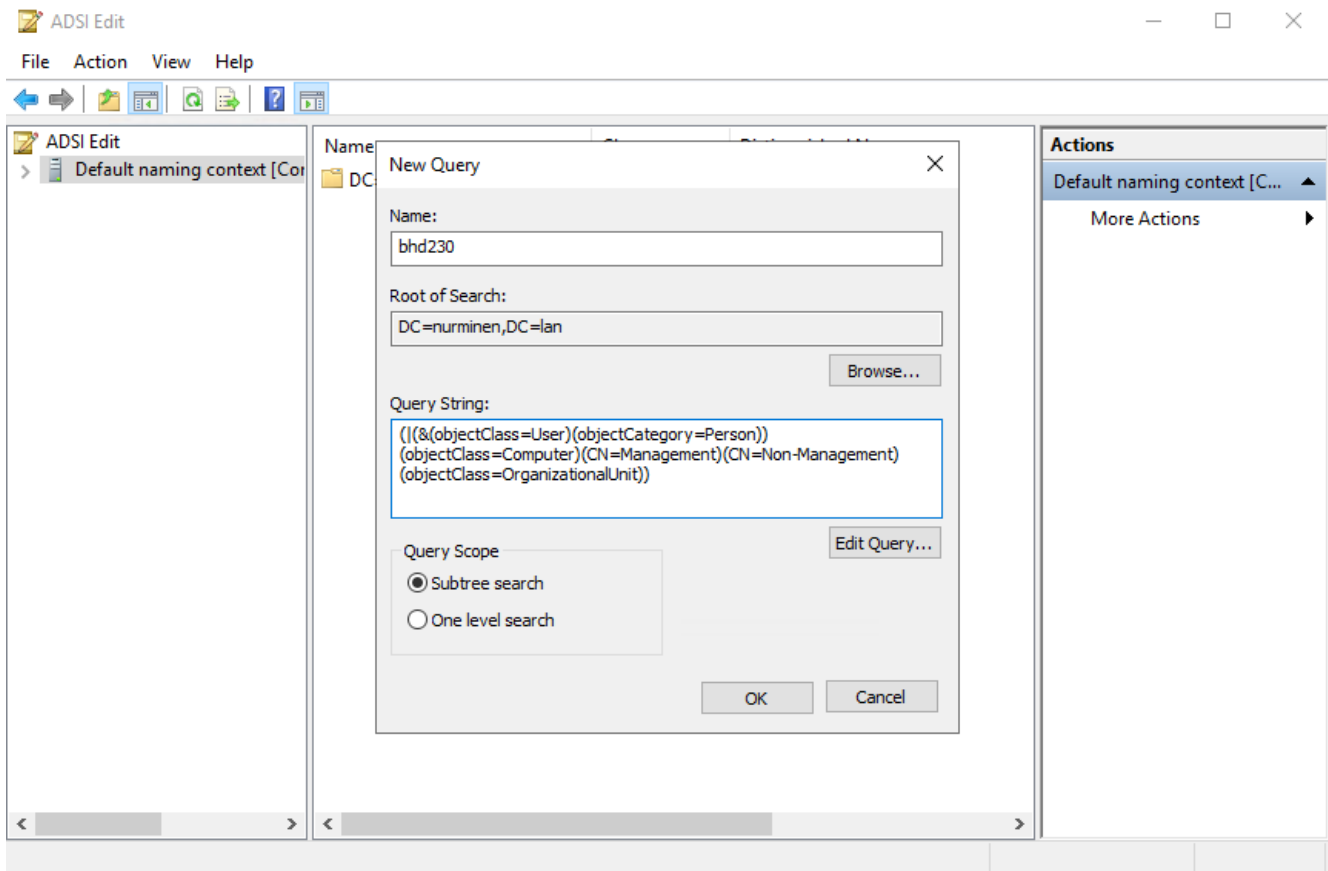
Tehtävä 5

Viimeisessä vaiheessa vielä tietokantakysely aktiivihakemiston LDAP-tietokantaan. Tätä varten ensin auki ADSI ja yhteys kuntoon.



New Query sisälle oma haaga-helian tunnus sekä Moodlesta kopioitu Query String.

5.3.2024



Lopputuloksena onnistunut kyselyn tulokset ja kyselyn nimi, eli tässä tapauksessa opiskelijatunnukseni.

5.3.2024

ADSI Edit

File Action View Help

← → ↻ ↺ ↻ ↺ ?

ADSI Edit

Default naming context [Co
DC=nurminen,DC=lan
bhd230 [DC=nurminen,DC=lan]

Name	Class	Distinguished Name
OU=Domain Controllers	organization...	OU=Domain Controllers,DC=nurminen,DC=lan
OU=Accounts	organization...	OU=Accounts,DC=nurminen,DC=lan
OU=Resources	organization...	OU=Resources,DC=nurminen,DC=lan
OU=HeadQuarters	organization...	OU=HeadQuarters,OU=Accounts,DC=nurminen,DC=lan
OU=Production	organization...	OU=Production,OU=Accounts,DC=nurminen,DC=lan
OU=Marketing	organization...	OU=Marketing,OU=Accounts,DC=nurminen,DC=lan
OU=Desktops	organization...	OU=Desktops,OU=Resources,DC=nurminen,DC=lan
OU=Laptops	organization...	OU=Laptops,OU=Resources,DC=nurminen,DC=lan
OU=Servers	organization...	OU=Servers,OU=Resources,DC=nurminen,DC=lan
CN=Administrator	user	CN=Administrator,CN=Users,DC=nurminen,DC=lan
CN=Guest	user	CN=Guest,CN=Users,DC=nurminen,DC=lan
CN=krbtgt	user	CN=krbtgt,CN=Users,DC=nurminen,DC=lan
CN=Head Quarter	user	CN=Head Quarter,OU=HeadQuarters,OU=Accounts,DC=nurminen,DC=lan
CN=Headnon Quarter	user	CN=Headnon Quarter,OU=HeadQuarters,OU=Accounts,DC=nurminen,DC=lan
CN=Prod Uction	user	CN=Prod Uction,OU=Production,OU=Accounts,DC=nurminen,DC=lan
CN=Prodnon Uction	user	CN=Prodnon Uction,OU=Production,OU=Accounts,DC=nurminen,DC=lan
CN=Mark Eting	user	CN=Mark Eting,OU=Marketing,OU=Accounts,DC=nurminen,DC=lan
CN=Marknon Eting	user	CN=Marknon Eting,OU=Marketing,OU=Accounts,DC=nurminen,DC=lan
CN=CONTROLLER-NURM	computer	CN=CONTROLLER-NURM,OU=Domain Controllers,DC=nurminen,DC=lan
CN=FILESERVER-NURM	computer	CN=FILESERVER-NURM,OU=Servers,OU=Resources,DC=nurminen,DC=lan
CN=Management	group	CN=Management,CN=Users,DC=nurminen,DC=lan
CN=Non-Management	group	CN=Non-Management,CN=Users,DC=nurminen,DC=lan

Actions

bhd230 [D... ▲

More ... ▶