Seminar 4
1DV720 – Server Administration

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1 Introduction

During this seminar, we will address the following topics:

- Directory Services

- Active Directory

  - Overview
  - DNS
  - Global Catalog
  - Organizational Units
  - User accounts
  - Groups
  - User Profile
  - Delegation of Administration

- Access Control

- Group Policy

2 Seminar Questions

2.1 Active Directory

1. What is a directory service and what uses does it have?

2. Describe the different parts of the Active Directory Database.

3. What is the Active Directory Schema and how many schemas can be in an AD forest?

4. What parts does the logical and physical structure of A.D consist of and what can you use them for?

5. What is a domain controller?

6. What does the Global Catalog do?

7. Why is a working DNS server so important for Active Directory?

8. To create redundancy in an AD environment you install an additional domain controller. What more do you need to do to allow users to log in if the first domain controller goes down?

9. What are Organizational units and what is important to consider when creating their OU structure?

10. What are implicit groups and how do you create one?

11. Active Directory supports three group types, what are those?

    a. Where can the members of those groups have to come from?

    b. Where can the different groups be used to give permissions?

12. What is LDAP?

13. What are the reasons you want to run with several different domains in a forest, it is not enough a single domain?

14. What distinguishes an Active Directory domain from a DNS domain?

15. In what two ways can you run logon scripts in an AD environment? Describe how to configure these.

16. What does a user profile contain?

17. How does "The roaming profile" work?

18. Using OU you can delegate administration.

    a. What are the different permissions that can be put on an OU?

    b. How can this make it easier for an IT department?

2.2   Access Control

19. What is the AGDLP strategy? Describe in detail and preferably with some examples.

2.3   Group Policy

20. What is Group Policy?

21. What can you apply GPO on?

22. Which AD objects are affected by a Group Policy?

23. Can you apply a GPO in several different places?

24. When are "Group Policy" settings applied?

25. What happens if there are conflicts between the group policy settings?

26. What is meant by blocking the GPO inheritance on an OU?

    a. What is the effect if you have set Enforced (No Override) in a GPO?

27. What is Group Policy Security Filtering?

    a. Why should you avoid this?

28. What do the following tools do?

    a. gpupdate

    b. gpresult

29. Select 10 different Group Policy settings that you find interesting and describe them.