

STUDENT ACTIVITY 3.3: UNDERSTANDING ACTIVE DIRECTORY INFRASTRUCTURE

MTA Course: 98-365 Windows Server® Administration Fundamentals

Topic: Understand Active Directory infrastructure

(One 50-minute class period)

File name: WinServerFund_SA_3.3

Lesson Objective

3.3: Understand Active Directory® infrastructure. *This objective may include but is not limited to:* domain controllers; forests; operation masters roles; domain vs. workgroup; child domains; trusts; functional levels; namespace; sites; replication.

Resources, software, and additional files needed for this lesson

- Windows® Server 2008® R2 with Active Directory Domain Services installed and configured

Directions to the student

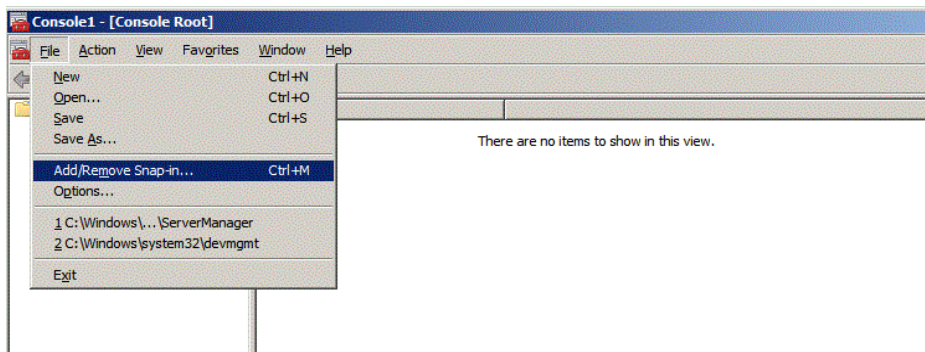
Complete the following activity. Have the instructor verify completion.

Content

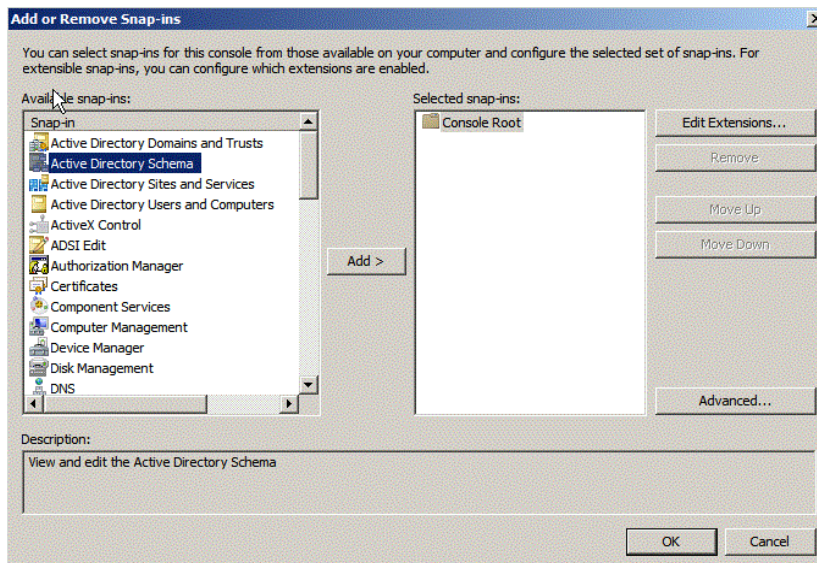
Determining Operations Roles

1. Log on to your Windows Server 2008 R2 Domain Controller as Administrator.
2. Launch Active Directory Users and Computers by clicking Start→All Programs→Administrative Tools→Active Directory Users and Computers.
3. Highlight your domain.
4. Right click and select **Operations Masters ...**

5. Record the name of the server responsible for the following roles:
 - a. RID: _____
 - b. PDC: _____
 - c. Infrastructure: _____
6. Open an administrative command prompt by clicking Start→All Programs→Accessories. Right click on the Command prompt and select **Run As Administrator**.
7. Type **regsvr32 schmmgmt.dll** and press Enter. This registers the AD Schema snap-in (see below).



8. Highlight Active Directory Schema and click Add. Then click OK (see below).



9. Right click on the Active Directory Schema and select **Operations Masters**.
10. Record the name of the server responsible for the following role:
 - a. Schema: _____
11. Close the management console.

12. Launch Active Directory Domains and Trusts by clicking Start→All Programs→Administrative Tools→Active Directory Domains and Trusts.
13. Highlight **Active Directory Domains and Trusts** and right click and select **Operations Master ...**
14. Record the name of the server responsible for the following role:
 - a. Domain Naming: _____
15. Have the instructor verify your answers upon completion.