6.24 Lab: Explore nslookup

Candidate: COMPTIA COMPTIA ()
Time Spent: 00:14

Score: 0%

Task Summary

Required Actions

✕ Run nslookup on CorpWeb.CorpNet.local

✕ Explore DNS with nslookup

Explanation 🎧

Complete this lab as follows:

1. Use nslookup to query the DNS for the CorpWeb server using its fully qualified domain name.
   a. Right-click **Start** and select **Windows PowerShell (Admin)**.
   b. At the PowerShell prompt, type **nslookup CorpWeb.CorpNet.local** and press **Enter**.
      The CorpDC DNS server responds with the name resolution information for CorpWeb.

2. Use nslookup to query the CorpDC3 DNS server for CorpWeb.
   a. Type **nslookup CorpWeb.CorpNet.local CorpDC3.CorpNet.local** and press **Enter**.
      The CorpDC3 DNS server responds that it can't find CorpWeb. CorpDC3 does not have a DNS record for CorpWeb.

3. Answer the following questions:

   What is the Problem?
   The information between the DNS databases is not consistent. Since this DNS zone is an Active Directory-integrated zone, this indicates that Active Directory is not synchronizing properly.

   How would you resolve this problem?
   You would likely attempt to force replication between the Active Directory domain controllers. If CorpDC held a primary zone and CorpDC3 held a secondary zone, you would likely initiate a zone transfer to make sure that the DNS records were consistent between servers.

   How would you verify that the problem has been fixed?
   After implementing the above solution, you could verify that the problem was fixed by repeating step 2. The CorpDC3 DNS server should respond with name resolution information for CorpWeb.