

Case 18 (10 questions)

You are a Network Consultant with specialized skills in designing Win2000 directory services. You are recently requested by SupremeX Military Consultant to design the Active Directory for the entire company.

Background

SupremeX Military Consultant is a military research company that operates from several locations in the United States. Most of the company's business comes from the contracts from the United States government and military. Its headquarters and primary IT center is in Washington, D.C. Other offices of the company include Boston, Denver, San Diego, San Francisco, Seattle, St. Petersburg, and Washington, D.C.

The Denver, San Diego, San Francisco and Seattle facilities were originally a separate company named LightSpeed Energy. These facilities became a part of SupremeX Military Consultant when they were purchased in 1992. These facilities still use the LightSpeed Energy name and LightSpeed Energy still maintains its identity as a separate company.

IT Structure

The existing IT Environment has a diverse server environment, including mainframe, UNIX, Novell, Macintosh, VINES and Microsoft servers. There are two Windows NT account domains and one resource domain in each of the seven geographic locations. The account domains are in Washington, D.C., and San Francisco. There is a 45Mbps line from San Francisco to the primary IT center in Washington, D.C. All other locations are connected with high speed dedicated connections.

The external DNS systems for both the SupremeX Military Consultant Web site and the LightSpeed Energy Web site are hosted on third-party ISP servers. The DNS modifications required for Windows 2000 will need to use the existing internal DNS structure.

The primary IT center is in Washington, D.C. There is another major IT center in San Francisco. The San Francisco research facility will operate as an independent business unit, and that account management is performed in Washington, D.C. and San Francisco. All policies and application specifications are defined at the Washington, D.C. and the San Francisco IT centers.

Envisioned Structure

The rights for resetting passwords and changing attributes will be delegated to local IT administrators. The departmental and branch administrators of resource domains are not granted administrative rights for the corresponding account domains. All Group Policies will be centrally managed from Washington, D.C.