Case # 17

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

Background

ProSKI is a company that specializes in developing equipment for ticketing and access control for ski resorts. The members of ProSKI will be able to purchase tickets for ski lifts and reserve rental equipment from their home computers or at the resorts. As part of a membership, ProSKI will issue smart cards so that members can use the lockers as well as to gain access to ski lifts and to make restaurant reservations easily. New members can enroll for ProSKI services at each resort. They will also be able to complete application forms on the Internet. The member will be affiliated with one resort, but will be able to use services from any other.

Structure

ProSKI will design the global services to support two components. One component will be for members, and the other component will be for resorts. Members will be able to access the member component from the Internet or any resort. The resort component will be used to support each resort and its unique internal business and employee needs.

The company has a headquarter in Denver and an IT center in San Mateo. There are 6 different resort locations around the world. Each resort has five departments. Each resort is independently owned and managed. Each one will want to be able to add applications that might uniquely change the directory schema. They do not want any external companies or any other resort to have the authority to change user permissions for their employees.

The member Web site is hosted by ProSKI.com. Currently each resort has its own Web site, and that each resort Web site is registered under its own domain. The DNS services for the top-level DNS domain will continue to be managed by external Web presence provider. But for sure they do not want the internal-operations to remain on the external DNS server.