Case Study # 16

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

Background

LoveSherpa is a company producing and selling the LoveSherpa series of bag - soft-sided pet carrier approved for in-cabin use by major airlines. The LoveSherpa bags are recognized as the premiere soft-sided pet carrier that can provide a safe comfortable trip for the pets by plane, train or automobile.

Locations

Established in New York, it has two branches in East Asia and one branch in London. Due to the expanding demand for this kind of products, instead of manufacturing everything on its own, it is outsourcing many of the production works.

Products

The following products are produced by their contractor in China:
- LoveSherpa Lite
- The Classic LoveSherpa Traveler
- The Kartu Bag
- LoveSherpa French Sac
- The Ultimate LoveSherpa

The following products are produced by their contractor in Korea:
- LoveSherpa Back Pac the All-in-One Bag
- Delta Airlines Deluxe Pet Carrier By LoveSherpa
- The LoveSherpa-on-Wheels
- The LoveSherpa Roll-Up
- Original LoveSherpa Bag

Network Structure

Due to the close relationship with the contractors, the company actually shares all its network resources with them. Instead of running its own network, it aims at building a "mega network" that integrates the domains of the contractors into its envisioned directory structure. The domain name for external use will be lovesherpa.com, while the internal one will be LS.com. Also note that there will be one W2K server and one NT4 server available in the head office. The network will run only TCP/IP and nothing else.