

Case Study # 14

You are a Network Consultant with specialized skills in designing Win2000 directory services. You are recently requested by BFQ LaserPoint, a division of BeachFront Quizzer, Inc., to design the security and the directory for the entire company.

Background

BFQ LaserPoint has been importing laser pointers by the thousands since 1994. Its business model is quite unique: it operates from the garages of the partners to reduce overhead to almost zero, which allows them to provide low prices for the customers. Fortunately, all of garages have cable modems connectivity, which allows them to connect with each other via VPN. So far there are 5 garages in this business. Each garage has its own NT4 domain.

Products

Products sold by BFQ LaserPoint include:

Sales Team 1

- Green Laser Pointers
- Keychain Pointers
- Pattern Pointers
- Full Size Pointers
- Ballpoint Pen Pointers

Sales Team 2

- Laser Yoyo
- Laser Glove
- Laser Aimer Gunsight
- Diode Modules
- Spectacle Binoculars



Organization

Each sales team has about 3 members. They are all working in the downtown garage location. The owner of the company prefers to organize the sales teams into the OUs.

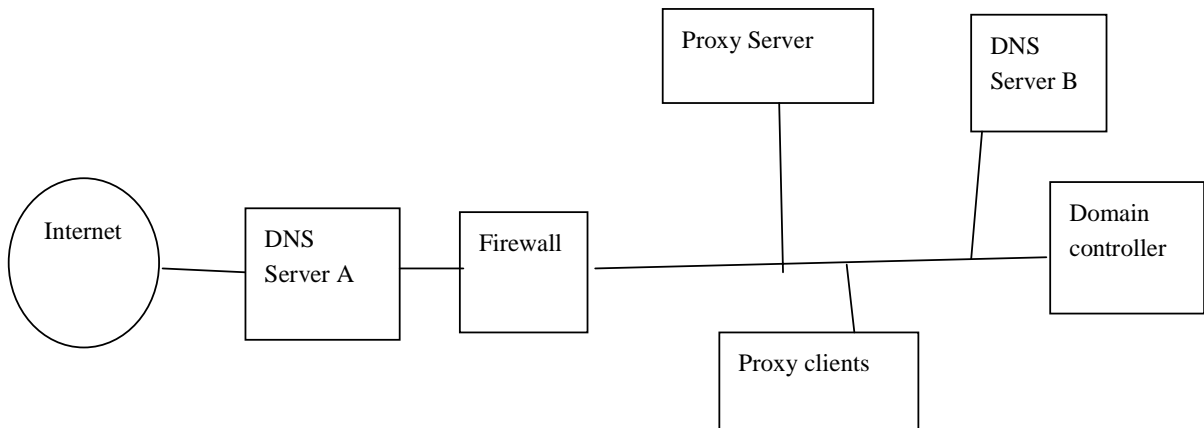
There are special considerations regarding these products. For example:

- Green laser pointers, because of their high value, can be shipped only by UPS or courier.
- Foreign buyers are responsible for customs duty charges.
- Buyer is responsible for shipping charges and if buyer refuses to accept the merchandise ordered, buyer is also responsible for the charges to return the shipment to the company.

All orders are mailed the day received up to 3PM Central Time. When paying by credit card, orders can be shipped only to the credit card billing address. For orders of 50 units or more, special shipping rates apply. Each garage hires 2 part time staffs as the shipment handlers.

Shipping and handling is an important part of the company. BFQ LaserPoint has a web server dedicated to providing shipping schedule to the customers. In addition, they have arrangements to connect to the shipping company's extranet.

Proposed IT Structure



BFQ LaserPoint plans to host a new web site (code name Italy) for web based information enquiry. This site will be open to the public. An Oracle database server will provide data to the IIS web services running on Windows 2000.