

Lab 2.3.2 Creating a Network Organization Structure

Objective

- Explain and diagram the structure of the customer organization.

Expected Results and Success Criteria

Before starting this lab, read through the tasks that you are expected to perform. What do you expect the result of performing these tasks will be?

When designing a network upgrade, what benefits are gained from determining the range and type of users?

Background / Preparation

FilmCompany is an expanding small advertising company moving into interactive advertising media, including video presentations. This company has just been awarded a large video support contract by the StadiumCompany. With this new contract, FilmCompany expects to see their business grow approximately 70 percent.

To facilitate this growth, the FilmCompany has decided to significantly upgrade its data network. You have the role of network design consultant. Your job is to develop network design and project documents for the FilmCompany that will meet the requirements of this upgrade.

This lab is one of a series of labs that explore the FilmCompany existing network and its upgrade requirements.

A comprehensive network project plan has to include details of how the network users interact with the network resources and services. To ensure that all user requirements are met the, network designer gathers information about all internal and external access to the existing network infrastructure.

In this lab, you will create a network organization structure of the FilmCompany. All stakeholders in the structure – internal network users, IT organizations, external customers, suppliers, and partners – are to be included.

Step 1: Determine the network users

- a. Use word processing software to create a network organization structure document.
- b. Examine the FilmCompany case study document and the sample interview.
- c. Identify and list the potential end users.

- d. Diagram the relationship between these users.

Step 2: Assess impact of user network access

- a. Identify and include the different types of existing and potential new network services the listed users may require. Group the users under the type of network services they use.

- b. The impact of adding new user groups to the network also needs to be assessed. Identify and include in the network organization structure document:

- New user groups
- The type of access required
- Where access is allowed
- The overall impact on security

- c. Save your network user structure document and network organization diagram and retain it for the next stages of this network design case study.

Step 3: Reflection

The total number of users has a direct impact on the scale of the network at the Access Layer. The type of users and the services they require also have implications for the network structure.

Discuss and consider the impact that the range of network services required by even a relatively small number of users can have on the network structure.
