

## Lab 2.4.2 Identifying Organizational Constraints

### Objective

- Identify the constraints that affect the network design, including cost, schedule, and resource constraints.

### 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?

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Why is identifying the constraints that apply to a project an important part of the network design?

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### 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.

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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 constraints that apply to the project. In this lab, you will identify the organizational constraints that apply to the FilmCompany case study network upgrade project design.

### Step 1: Identify possible project constraints

- a. Use word processing software to create a project constraints document.
- b. Develop a list of possible constraints that set limits or boundaries on the network upgrade project by brainstorming ideas with other students.

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c. Classify each constraint as one of the four following types:

- Budget
- Policy
- Schedule
- Personnel

### Step 2: Tabulate the relevant constraints

- Relate the list of constraints to the prioritized business goals of the FilmCompany.
- Develop a definitive list of items that apply specifically to the FilmCompany case study.
- Enter the constraints into a table.

FILMCOMPANY CONSTRAINTS		
CONSTRAINT	GATHERED DATA	COMMENTS
Budget		
Policy		
Schedule		
Personnel		

- Save your Project Constraints Checklist document and retain it for the next stages of this network design case study.

### Step 3: Reflection

The constraints imposed on this network design project are determined by the internal requirements of the FilmCompany. Consider and discuss external constraints. Include constraints that may be beyond the control of the business but which, in some circumstances, affect a network design project.

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