# Network Project Proposal

In this project, you are the consulting firm that will be creating a proposal to implement networking technology for a business. You will create a fictional or real business that is in need a new network. The project will be built from nothing (no current equipment can be implemented). The business must have at least two locations that are 30 or more miles apart and a minimum of 20 employees. The customer requires a Linux web server, and a Windows Active Directory implementation.

In your executive summary, you will need to explain the business, locations, and the needs assessment.

#### This is what they want:

- Web Presence, with web sales.
- Internet access for general areas.
- to Instrument
  - Access between sites.
  - Owner access from home.
- 4 E-mail
- Writeless access at all sites.
- For a Retail business: Implementation of on-line inventory tracking system that will automatically update inventory quantities from cash register sales. Inventory at any location is accessible by the other location. All bookkeeping and payroll is completed in-house. Customers need online access to order and check status of orders.

For a Manufacturing business: Online manufacturing raw material inventory, production cycle and

order status system. All Bookkeeping and payroll is completed in-house. Salespeople travel within the US. Customers need online access to order and check status of orders. Or For a Restaurant: Order processing software with inventory system. All bookkeeping and payroll is completed in-house. Or

For a Shipping company: Package tracking system, remote update. All bookkeeping and payroll is completed in-house. Employees travel within the US. Customers need online access to schedule pickup and check status of items. Or

Specific needs of the company - contact me if you choose a different sort of business.

NOTE: The above items must be addressed, even if you recommend they NOT be implemented – explain your reasoning.

#### The minimum proposal will include:

- Table of Contents
- Executive Summary: A concise statement of the project, benefit, and scope geared for the non-technical person to read and understand. Where the company currently is, where they want to be and what benefits the company can expect should they choose to invest in technology and accept your proposal.
- Detailed analysis of Business. Technical, and Security requirements. Depending on the type of business you are providing services to, you will need to consider different designs to compliment and assist the business to be efficient and provide a payoff for the technology they implement.

# **Network Proposal Guide**

United States. Federal Energy Regulatory Commission

#### **Network Proposal Guide:**

Designing and Supporting Computer Networks, CCNA Discovery Learning Guide Kenneth Stewart, Aubrey Adams, Allan Reid, Jim Lorenz, 2008-04-29 Designing and Supporting Computer Networks CCNA Discovery Learning Guide is the official supplemental textbook for the Designing and Supporting Computer Networks course in the Cisco Networking Academy CCNA Discovery curriculum version 4 In this course the last of four in the new curriculum you progress through a variety of case studies and role playing exercises which include gathering requirements designing basic networks establishing proof of concept and performing project management tasks In addition within the context of a pre sales support position you learn lifecycle services including upgrades competitive analyses and system integration The Learning Guide written and edited by instructors is designed as a portable desk reference to use anytime anywhere to reinforce the material from the course and organize your time The Learning Guide's features help you focus on important concepts to succeed in this course Chapter Objectives Review core concepts by answering the focus questions listed at the beginning of each chapter Key Terms Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter The Glossary defines each key term Summary of Activities and Labs Maximize your study time with this complete list of all associated exercises at the end of each chapter Check Your Understanding Evaluate your readiness with the end of chapter questions that match the style of questions you see in the online course quizzes The answer key explains each answer Challenge Questions and Activities Apply a deeper understanding of the concepts with these challenging end of chapter questions and activities The answer key explains each answer Hands on Labs Master the practical hands on skills of the course by performing all the tasks in the course labs included in Part II of the Learning Guide Portfolio Documents Develop a professional network design portfolio as you work through real life case studies All the course portfolio documents and support materials are provided for you in this Learning Guide and on the CD ROM How To Look for this icon to study the steps you need to learn to perform certain tasks Interactive Activities Reinforce your understanding of topics with exercises from the online course identified throughout the book with this icon The files for these activities are on the accompanying CD ROM Packet Tracer Activities Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout some chapters The files for these activities are on the accompanying CD ROM Packet Tracer v4 1 software developed by Cisco is available separately Hands on Labs Master the practical hands on skills of the course by working through all 71 labs in this course included in Part II of the book The labs are an integral part of the CCNA Discovery curriculum review the core text and the lab material to prepare for all your exams Companion CD ROM See instructions within the ebook on how to get access to the files from the CD ROM that accompanies this print book The CD ROM includes Interactive Activities Packet Tracer Activity files All Portfolio documents IT Career Information Taking Notes Lifelong Learning This book is part of the Cisco Networking Academy Series from Cisco Press Books in this series support and

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intention of the editors that the volume presents a series of evidence based rather than advocacy driven contemporary reviews AMB volumes solicit and publish review articles on the latest advances in marine biology Many of the authors of these review articles are the leading figures in their field of study and the material is widely used by managers students and academic professionals in the marine sciences A Comprehensive Guide to 5G Security Madhusanka Liyanage, Ijaz Ahmad, Ahmed Bux Abro, Andrei Gurtov, Mika Ylianttila, 2018-01-08 The first comprehensive guide to the design and implementation of security in 5G wireless networks and devices Security models for 3G and 4G networks based on Universal SIM cards worked very well But they are not fully applicable to the unique security requirements of 5G networks 5G will face additional challenges due to increased user privacy concerns new trust and service models and requirements to support IoT and mission critical applications While multiple books already exist on 5G this is the first to focus exclusively on security for the emerging 5G ecosystem 5G networks are not only expected to be faster but provide a backbone for many new services such as IoT and the Industrial Internet Those services will provide connectivity for everything from autonomous cars and UAVs to remote health monitoring through body attached sensors smart logistics through item tracking to remote diagnostics and preventive maintenance of equipment Most services will be integrated with Cloud computing and novel concepts such as mobile edge computing which will require smooth and transparent communications between user devices data centers and operator networks Featuring contributions from an international team of experts at the forefront of 5G system design and security this book Provides priceless insights into the current and future threats to mobile networks and mechanisms to protect it Covers critical lifecycle functions and stages of 5G security and how to build an effective security architecture for 5G based mobile networks Addresses mobile network security based on network centricity device centricity information centricity and people centricity views Explores security considerations for all relative stakeholders of mobile networks including mobile network operators mobile network virtual operators mobile users wireless users Internet of things and cybersecurity experts Providing a comprehensive guide to state of the art in 5G security theory and practice A Comprehensive Guide to 5G Security is an important working resource for researchers engineers and business professionals working on 5G development and deployment Organizational and Educational Change Jean M. Bartunek, 2014-04-08 Jean M Bartunek the 2001 2002 President of the Academy of Management has written an excellent scholarly book on organizational and educational change Using a joint insider outsider approach this book tells the story of a change agent group a group of teachers that was creating change in its organization setting a Network of Independent Schools The group s focus was on empowerment and professional development for teachers in the Network The book describes virtually everything that happened in the group over its first seven years and summarizes what happened during its final two years It explores the identity work and evolution of change agent groups in organizations with particular emphasis on teachers and educational change Through the book s extensive quotations and narrative account the reader is enabled to enter into the

world of the teacher group studied over the course of its nine year history. In addition the book includes analysis of the underlying processes involved in the change focusing on the change agent group s identity its actions and relationships with stakeholders as they jointly evolved over time and their impacts on the vitality of the change effort It contributes a new understanding of fundamental processes involved in organizational change especially when viewed from the perspective of change agents In addition the book provides practical implications for change agents specifically change agents in schools As such this account will be useful for graduate students and researchers in organizational change educational leadership and professional development It is a part of Lawrence Erlbaum Associates growing series in organization management Guide to the System Design of Public Financials Juan Carlos Castro, 2025-04-24 The book explains the consolidation of the functions of accounting and finance It describes how to manufacture an operating system that combines how to broadcast distribute and syndicate multitudes of authorized retrieved converted formatted valid transparent credible accurate reliable and professional high quality real time and financial statements from Public Corporations Government Entities and Not for Profit Organizations hereinafter collectively referred to as Public Entities via new computer artificial intelligence machine language programming Herein discover the useful descriptive narrative thoroughly comprehensive explanations logical written instructions functional architectural design specifications business systems work flow charts input feed data information security control diagrams and regional deployed network computing telecommunication physical requirements of a new name operating system The book affords a modular compartmentalized original equipment manufacture of public accounting cash transfer reconciliations financial reporting treasury management investment banking and securities quotation and exchange Fundraising Basics: A Complete Guide Barbara L. Ciconte, Jeanne Jacob, 2008-12-18 As nonprofit organizations face heightened scrutiny by the general public donors regulators and members of Congress the Third Edition of the essential book on the basics of fundraising provides new up to date and valuable information that every fundraiser needs to know With ethics and accountability being the primary theme of the third edition this practical guide will continue to provide an overview of the field and give development staff managers and directors a platform from which to operate their fundraising programs The new expanded edition also provides much needed information on developing a case for support giving trends donor motivations planning setting up a development operation impact of new technologies on fundraising return on investment estimates workflow timetables and the importance of the Internet This primer remains a must have for anyone new staff or volunteer to the fundraising field those wishing to expand their fundraising knowledge those working in supporting foundations or those contemplating taking the CFRE exam New to the Third Edition Thoroughly updated chapters including new information on email and online fundraising Development related policies and procedures and position descriptions A new chapter on Fundraising with Chapters or Affiliates New case studies samples and tools Updated references and citations Updated glossary Click on Additional Resources to View Sample Chapters 2009 602 pages

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Desmond, 2011-02-14 This pocket guide provides an overview of the telecommunications environment as it has evolved over the past few years illustrating the need for project management the significance of project success to the companies and the application of key project management processes within the telecom environment Topics covered include scope management time management cost management procurement management risk management communications quality human resources and Integration It offers professionals a brief and accessible guide to managing telecommunication projects in the 21st The Conference on Fair Use Bruce A. Lehman, United States. Information Infrastructure Task Force. Working century Making European Space Ole B. Jensen, Tim Richardson, 2004-08-02 Making Group on Intellectual Property Rights, 1998 European Space crystallises and critically examines the key policy ideas emerging in the new field of European spatial planning and explores the arguments surrounding policy themes such as polycentric development sustainability Network World, 1990-12-17 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce Network World ,1989-07-31 For more than 20 years Network World has been the premier provider of information intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations Readers are responsible for designing implementing and managing the voice data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce

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