

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

ADVANCED NETWORK SERVICES

E.1374

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JUNE 2005

HIGHER TECHNICAL INSTITUTE
ELECTRICAL ENGINEERING COURSE
DIPLOMA PROJECT

Advanced Network Services

E. 1374

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June 2005

HIGHER TECHNICAL INSTITUTE	PROJECT NO
	3544

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Acknowledgments

I would like to express my sincerely thanks to my project supervisor, Mr. Ch. Theopemptou, lecturer of the Electrical Department of H.T.I for his valuable guidance and providing me with valuable knowledge for the achievement of this project.

Also I would like to thanks all the people helped me in providing the necessary information and software.

Summary

This book is indicating generally the advanced network services solutions for an Educational Institute.

Following a specific structure, this book states the problems which a network of an Educational Institute's comes up too and which software services can solve these problems and how.

In this book I also explain the reasons which I make these choices, states the importance of ISA Server 2004 and Exchange Server 2003 for a network of an Educational Institute's and shows for which reasons and how we configure these software services to make the life of the IT department, the employs and the students of the Educational Institute's easier and safer.

For this project I made a lot of research for choosing the best software services for an Educational Institute's network, I tested them practically and find out the proper configurations in a virtual network.

Introduction

This project deals with the problems of an Educational Institute's network and states its solutions.

The book refers about the dangers that deals the Educational Institute's network and states how to make the Educational Institute's network the safest network with ISA Server 2004.

Explains the reason of multiple DMZs on the ISA Firewall (2004) and how we configure them. Also how we configure a wireless DMZ, how we set the access policy, how we configure sites for direct access and how to control the internet access of the users (Administration, employs and students). This book also details how to keep hackers away, how to prevent P2P and Instant Messaging programs from hijacking our network and how to allow the ISA 2004 Firewall to use Windows Update Services.

Except from security, in this book I refer about the Exchange Server 2003 which enables the users (Administration, employs and students) to send and receive electronic mail and other forms of interactive communication through computer networks, why I choose that software and of course how it is configure for the best needs of our network users. I also explain why and how we arrange the protection for Exchange Servers with ISA 2004 Firewall.