

Building a Secure Home Network

Author Dale Griffiths

School of Applied Computing, Faculty of Architecture, Computing and Engineering, University of Wales Trinity St David, Mount Pleasant, Swansea, SA1 6ED, Email: dgriffiths.146062@student.uwtsd.ac.uk

1: Introduction

These are so many different threats to a network today. This is why the author will analyse a home network to find threats and solutions to them.

2: Aims

- ❖ Create a more secure home network
- ❖ Create a more reliable network
- ❖ Ensure integrity in the users data

3: Objectives

- ❖ Ensure the network has a strong firewall
- ❖ [1]Ensure encryption is used within in network
- ❖ Ensure there is a backup procedure

4: Resources

- ❖ [2]Metasploit for penetration testing
- ❖ [3]Cain & Abel for password cracking
- ❖ [4]Simulation software to create the network.

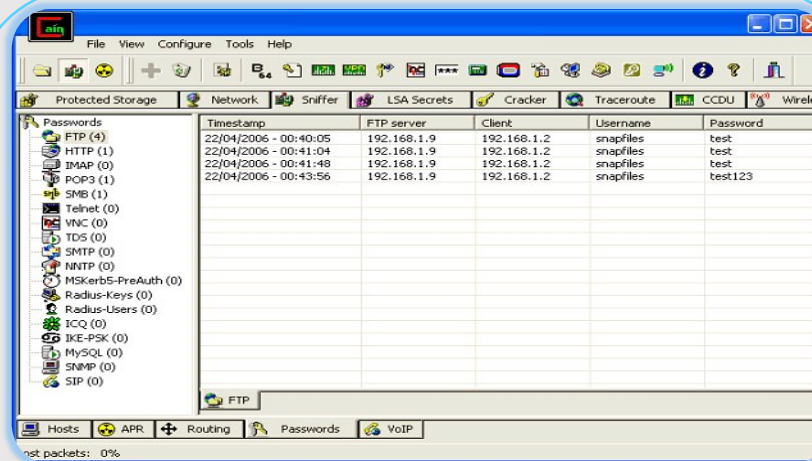


Figure 1- [5]Example of Cain & Abel

5: Conclusion

In conclusion the author aims to create a more secure home network by analysing the network and find solutions for threats within the network.

References

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