COMPUTER SECURITY REPORT

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1. PASSWORDS

In this section, the designed password and authentication policy will be proposed and justified. First, the password policy will be explained in detail with additional authentication measures. Then, mechanisms of storing passwords will be entailed.

1.1. Password Policy

The design of the policy is the result of balancing complexity and overall security. As Gollmann [1]suggested, the overall security may be diminished if one security mechanism is overstated. Users tend to bypass the mechanism if it is too inappropriate for them to properly work with, hence the ovarall security of the system may be weakened. By considering that, the following password policies are proposed.

1.1.1. Password Length

1.1.2. Password Format

1.1.3. Password Ageing

1.1.4. Login Attempts

1.1.5. Password Use

1.2. Additional Authentication Measures

1.3. Storing Passwords

2. FIREWALLS

3. SERVER SECURITY

4. REFERENCES

[1] Dieter Gollmann, *Computer Security*, Hoboken, N.J., 3rd ed. edition, 2011.

(a) Result 1

(b) Results 3

(c) Result 4

Fig. 1. Example of placing a figure with experimental results.