

Identification and Authorization

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User Name and Password

User Name

Password

$$p = \prod_{k=1}^n P_k$$

P_k is the probability of each place
 K is the number of place

- Must be strong, consists of alphanumeric character, capital and small letters and number. (eg. EA123zwq)
- Do not use name, family name, children name, birthday, etc. (eg. Nurgul)
- Do not use well known names, (eg. Astana)
- Do not repeat the same number (eg. 1111)
- Must be timely, must be changed periodically (monthly)
- Cannot be used more than 3 times. After that it is suspended

How Can Get a Password

Phishing



Hello

Your ID : ABCDGR

Your PW : 123456

Sorry please try again

Hello

We are updating all account
Please enter your

Your ID : ABCDGR

Your PW : 123456

Thank you so much

Congratulation

You win the car. Please enter

Your ID : ABCDGR

Your PW : 123456

Then we send you the key

Security of Password

All passwords must be saved secure way

Passwords must be saved in Hardware
Secure Module

Single Sing on System can be used in
Institution

A challenging Methods can be used

Multi level authorization system increase the security of password such a way that:

- The one user know : Password
- The one user have : One Time password device
- The one related to user : Finger print