



Name:

Datum:

Fach:
Klasse:

Unit 05 IT Security

Lecture Notes based on Chapter 5, IT Matters, Cornelsen, 2018, pp.53-55

Part B: External access

Situation: Hoffman Auditing maintains a cloud-based data store of information that is accessible by clients. Securing the cloud is important as the client's financial information is highly confidential.

→ You explain security procedures to a company client.

p. 53/1A Reading about client portal access

A According to the diagram in the book, under what conditions do the following events happen?

1. An account is disabled
→ *An account is disabled when a user fails login three times.*
2. A user is granted access to the site
→
3. A user is prompted for their one-time PIN
→
4. A user is prompted for username and password
→
5. A warning is sent to the registered email address
→
6. A device is registered
→

p. 54/1B Smartphone?

Grammar: passive forms p.164

1 What happens when you fail login?

I am prompted to ...

2 What happens when you purchase an app?

3 What happens when you reset your password?

4 What happens when you remove your SIM card

5 What happens when you decide to not use a passcode/fingerprint??

p. 54 Staying up to date

considered out of date = gelten als veraltet

p.55/A

- 1 6-8 character passwords are considered out of date.
- 2 14-character passcodes are considered best practice
- 3 Frequent password updates are considered best practice
- 4 Passwords that never change are no longer considered best practice
- 5 FIPS 140-2 encryption is considered state-of-the-art
- 6 Other encryption standards are considered obsolete
- 7 Unregistered devices are out-of-date
- 8 Registered devices are considered up-to-date

FIPS

Standards der Vereinigten Staaten. FIPS 140-2 ist die Sicherheitsanforderung für kryptographische Module.

p. 55 /b Talking about requirements – **Grammar**: Passive forms

Create the FAQ page by writing short answers to the following questions that explain what Hofmann Auditing's business partners will be required to do.

- 1 What are the minimum password requirements? (users/forced)

Users will be forced to use a minimum of 14 characters.

- 2 How often do I need to update my password? (you/require)

You will be required to make an update every 30 days

- 3 How many login attempts do I have before my account is disabled? (login attempts / limit)

You will be limited to 3 login attempts

- 4 How long is my account disabled? (your account/disable)

Your account will be disabled for 30 minutes

- 5 What encryption standards do I have to meet? (you/require)

You will have to meet FIPS 140-2

- 6 Can I access Hoffmann via my unregistered device? (access/restrict)

You will not be able to.

- 7 Can I use passwords that I've previously used? (previous password / accept)

You will have to use a different one than your previous passwords




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Unit 5: Password phrases & abbreviations (Part B)

A In other words. Complete the phrases on the right so that they mean the same thing as the phrases on the left.

- | | | |
|--|--------------------------------------|---|
| 1 out of date passwords | _____ passwords |  |
| 2 hack a password | _____ a password | |
| 3 grant access to an account | _____ access to an account | |
| 4 need a password | _____ a password | |
| 5 make sure that your device is registered | _____ that your device is registered | |

B Complete the table with the verbs from list and translate them.

create • disable • gain • prompt • request



English phrase

German

- | | |
|------------------------------|-------|
| 1 _____ access | _____ |
| 2 _____ for username | _____ |
| 3 _____ a password | _____ |
| 4 _____ access to an account | _____ |
| 5 _____ an account | _____ |

C What do these abbreviations mean? Write them out in full, then translate them into German.

- | | | | |
|--------|-------|-------|-------|
| 1 SMS | _____ | _____ | _____ |
| 2 SSO | _____ | _____ | _____ |
| 3 FIPS | _____ | _____ | _____ |
| 4 XML | _____ | _____ | _____ |
| 5 IT | _____ | _____ | _____ |
| 6 PIN | _____ | _____ | _____ |



German

- | | |
|---------|---------|
| 1 _____ | 2 _____ |
| 3 _____ | 4 _____ |
| 5 _____ | 6 _____ |