Topic: Offenses against the protection of information

Activity

Goal/Aim	The activity will help to learn / consolidate habits / methods related to the use of two-factor authentication (2FA).
Duration	approximately 30 minutes
Objectives	To find out what is the knowledge of participants about the use of two-factor authentication, indicate what are the benefits of using these security measures, show how to enable / activate two-factor authentication on the example of Allegro / Facebook / Internet mail / ePUAP.
Needed materials	Phone / tablet / computer with Internet access, blackboard, cards, markers
Instructions	– Ask the participants to write examples of two-factor authentication (two-step verification) on their cards, if they know the term or what they associate it with, e.g. one-time codes or links sent by e-mail, one-time codes sent by SMS, time codes in the application dongle (up to 5 minutes) – Provide tips on how to enable two-step verification of access to different accounts – Ask the participants to write their examples from the cards on the board and indicate places where it is worth using this type of security (e.g. bank website, auction site, email account, social networking site) – Conduct a group discussion on the use of two-factor authentication and the advantages and disadvantages of using specific security methods, it can be in the form of a joint table completion (up to 15 minutes).

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Sample table for the activity

Second-step verification method	Pros	Cons
one-time codes or links sent by email		
one-time codes sent by SMS		
timecodes in the app		
U2F dongle		
biometrics - face, voice, fingerprint		

Returns for use:

- can intercept, redirect
- you need to share your phone number
- additional cost
- ease of use / configuration
- resistant to phishing attacks
- vulnerable to phishing attack
- need to be online
- device must be charged / available

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