

Schumpeter School
of Business and Economics



11th Schumpeter School IT-Tech Talk

26.10.2023

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Office hours: By
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- **Basics**
- Information Security
- ITS Training
- Email security
- Windows 10 and Microsoft Office
- Sophos AntiVirus
- Program updates
- General
- Services and software overview

Ticket Request Examples:

Problem inquiries please by mail to support@wiwi.uni-wuppertal.de

Include info such as:

- Which system (yellow sticker)?
- Which operating system?
- Which program?
- Office or home office?
- WiFi or network cable?
- For network drives, please also enter the abbreviation and, if applicable, the ZIM user name.

This does not work.

*I've been trying to connect to the new path for the faculty drive for some time now, but can't get it to work on my home machine (macOS).
Could you maybe help me further?
Many greetings*

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Information events and information on information security:

Ms. Stephanie Ziegler, Information Security Officer at BUW, provides information, support and advice on the topic of

- <https://informationssicherheit.uni-wuppertal.de/de/>
- Training and information events are offered on a regular basis

The basis is the current **guideline on information security** at BUW

<https://bscw.uni-wuppertal.de/pub/bscw.cgi/d12606695/am2022052.pdf>

- **Online lecture series on information security**
 - <https://informationssicherheit.uni-wuppertal.de/de/sensibilisierung/online-vortragsreihe/>
 - Lecturers' materials will be filed in the Moodle course afterwards.
 - <https://moodle.uni-wuppertal.de/course/view.php?id=19934>

Supplemental Information:

- **ESCAPE - The cybercrime podcast on information security at the University of Mannheim**
 - <https://www.uni-mannheim.de/informationssicherheit/sicherheitstipps/podcast/#c279240>

*Homework:
Listen in!*

House Notices No. 21/2023 of Feb. 15, 2023 page 3: UniService Digital Transformation - Tips for dealing with phishing e-mails

Recently, there have been an increasing number of phishing e-mails on the Internet, which are also directed at members of the University of Wuppertal. Therefore, I would like to give you a few tips on how to deal with such phishing mails:

1) Don't let yourself be pressured!

If you are asked to act "now", "immediately", "urgently", you should become suspicious. Do not under any circumstances click on links or attachments that offer you promise a quick solution to the supposed problem. **Current "leverage"** includes: a supposedly full mailbox, an apparently blocked webmail account, a supposedly returned application in the e-Portal, an urgent request from a non-responsive person.

2) Check the sender and the meaningfulness of the mail.

Is the mail signed by the sender (e.g. ZIM User Consulting)? How realistic is the situation described? In case of doubt, please always pick up the phone and call the supposed sender at the extension you know (not the number in the e-mail).

3) Nobody asks for your password - not even ZIM!

Enter your password only in the familiar input masks. It is best to save the pages you need as favorites / bookmarks in your browser, e.g. <https://zim.uni-wuppertal.de/de/mein-zugang/zugang-manage/> for managing your ZIM account and <https://e-portal.uni-wuppertal.de/> for using the e-Portal. Never reply to mails asking for your password and do not click on links in these mails. Do not share your password with anyone, **not even with trusted colleagues.**

Neither
do we!

4) Do not be ashamed!

Mistakes are human. If you did click on a link or attachment or entered your personal data in an incorrect form, please do not keep quiet about it, but report it immediately to the ZIM User Advisory Service (extension -3295). This can prevent an extension of the damage still be avoided. If you have any questions, please do not hesitate to contact me.

gez.

Stephanie Ziegler Information Security Officer

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09.11.2023: Fundamentals of Information and IT Security

10.15 in M.13.05

- Password security
- File encryption
- Email security and certificates
- System and program updates

Registration by mail to techtalk@wiwi.uni-wuppertal.de desired. Booked is

M.13.05 every two weeks at 10:15.

Gladly also events on request and as needed, even for individual groups. Just get in touch.

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Product discontinuation by Sophos in July 2023, resulting in increased SPAM volume in mailboxes.

- Acquisition of a new firewall including delays in procurement.
- Setup and commissioning in the coming weeks.

Outlook app blocking for Android and iOS from 01.12.2023

- Access data is temporarily stored on American servers of third-party providers.
- Message transmission incl. intermediate storage of the e-mail takes place via Microsoft's cloud server.

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Windows support periods:

- Windows 10: 1507, 1511, 1607, 1703, 1709, 1803, 1809, 1903, 1909, 2004, 20H2, 21H1 are **expired**
- Windows 10: 21H2 11.06.2024
- Windows 10: 22H2 13.05.2025

Support for Windows 10 ends generally: 14.10.2025

Not current Windows 10 systems:

WW05L10, WW08D05, WW08L07, WW14D11, WW14L17, WW14L21, WW15D06, WW17L11, WW20L20, WW20L48
WW24L23, WW27D01, WW28L02, WW29L01, WW34L02

- Meanwhile regular updating in the background from our side.
- Please include unused computers and laptops in the closet.

Source: <https://docs.microsoft.com/en-us/lifecycle/products/windows-10-enterprise-and-education>

Switch to Windows 11 planned for 2025 at the earliest.

Windows 10 is currently "Feature Complete". No new features will follow and it will remain a stable base until 2025.

Windows 11 continues to get new features and design changes on a regular, irregular basis. We would like to spare this effort as long as possible.

Training and introduction to the new interface and functions required.

Computers and laptops purchased in the last 2-3 years, if necessary, already collect in a list. When switching to Windows 11, no new licenses need to be purchased for them.

Office Version:	Extended support end	Active systems
Office 2007	Expired.	0
Office 2010	Expired.	4 installations
Office 2013	Expired	39 installations
Office 2016	14.10.2025	33 installations
Office 2019	14.10.2025	171 installations
Office 2021	13.10.2026	30 installations

Affected systems with Office 2013 or 2010:

- WW02D07, WW02D18, WW02L19, WW02L31, WW04D05, WW04T09, WW05D08, WW05L10, WW08D03, WW08D05, WW08L04, WW08L07, WW09L04, WW10D05, WW10D21, WW14D11, WW14L17, WW14L21, WW15D06, WW15L03, WW16D01, WW16L07, WW16D16, WW16L17, WW17L11, WW17L16, WW17L17, WW17L18, WW17L24, WW17L25, WW18D03, WW19D08, WW20D03, WW20D09, WW20L20, WW20L25, WW20D26, WW20D27, WW20D28, WW20D29, WW20L48, WW22D07, WW23L10, WW24L23, WW26L02, WW27D02, WW27D04, WW27D08, WW28L02, WW28L06
- Office on these systems should be uninstalled promptly.
- User names to computers available upon request.
- Include unused computers and laptops in the closet.

If necessary, try Libre Office, Apache Office or other free office suites instead of Microsoft Office.

- Available for all operating systems
- Saves license costs if necessary

Test compatibility of documents among programs and staff. Empirical values are welcome.

For procurement of software licenses please send a short mail to lizenzverwaltung@wiwi.uni-wuppertal.de.

Licenses can thus be managed and stored centrally and continue to be available even when employees change. The license requirements in FK3 can be better estimated and you can benefit from graduated prices if necessary.

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Product discontinuation by Sophos in July 2023.

- Alternative client available from ZIM for new Sophos version. Administration is done exclusively by ZIM. We have no influence. [Download link](#)
- Alternatively, use Windows Defender, which is included free of charge in all Windows versions and has just as good a detection rate.
- There is no central administration, so please pay attention to messages and notify us if necessary.
- Central Administration again in July 2024 at the earliest, when the previous framework agreement expires, or is extended.

IMPORTANT: Uninstalling the old Sophos version

- No more updates arrive, the systems are unprotected. As a rule, Defender takes over automatically.
- Also from systems in the closet or that are not actively used, such as lecture laptops.

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Is there any software you use that should not be updated automatically?

-According to feedback, only individual cases.

Chocolatey is installed on all newer systems, which is /can be used for automatic installation and updating of programs.

<https://chocolatey.org/>

- We currently do not (yet) perform automatic updates of the programs, unless the systems are in our "inspection" or for troubleshooting.
- However, automatic updates are planned to further increase the security level.
- Updating can easily be triggered by yourself, just start a Windows Powershell with admin rights and enter *choco upgrade all -y*. Then all programs installed via chocolatey will be updated.
- You can also install a graphical user interface to manage the installed or other programs (Chocolatey Gui).
 - Command: *choco install chocolateygui*
- More information on 09.11.23 in the basics of IT and information security.

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User management

- WiWi accounts are independent from ZIM accounts and work contracts
- For new hires, email support@wiwi.uni-wuppertal.de with:
 - First name, last name, room number, call number, contract duration and, if applicable, permissions for network drive folders or e-mail mailboxes.
 - For access to ZIM drives, include the ZIM accounts and, for support staff, the activated sMatriculation number accounts.

Contract extension

- As soon as the new contract is signed, simply send an e-mail from the secretary's office to support@wiwi.uni-wuppertal.de with the new contract end date. Very uncomplicated.

End of contract

- If the e-mail account is needed for a longer period of time, e.g. for final theses to be supervised, simply send an e-mail from the chair holder/institute holder to support@wiwi.uni-wuppertal.de stating how long the account should be extended.

Order in the online store of Alsterarbeit

Please send quotation requests to support@wiwi.uni-wuppertal.de

Alternatively, play through the configuration to the end yourself. Please select Florian Kluge as the recipient address, but also enter the chair or cost center in the field provided so that the package can be assigned:

Kostenstellen-/PSP-Ziffern mit vorangestellter Kennung
KST/PSP versehen oder Kundenbestellnummer

Kundenreferenz z.B. Fachbereich/Anforderer

weiter

In the last step, click "Submit Purchase Requisitions" and enter the purchase order number on the call-off request*.

*<https://uni-w.de/tequr>

Floor printers in Building M on levels 11-16 are connected to the faculty network.

Printers can be added like any other printers and are labeled Printer-M11, Printer-M12, and so on.

Afterwards, printing from the computer to the printer on the corresponding floor is possible. This requires the entry of an individual PIN that each user must set for each printing process.

The print process must be started locally on the printer. First enter the cost center PIN to unlock the printer, select the print job from the job box, enter the corresponding PIN and the print job starts.

Instructions floor printer print with PIN: <https://uni-w.de/6suli>

General - Floor printer

Printer-M11 (level 11 in the copy room)

IP: 132.195.123.248

Printer-M12 (level 11 in the copy room)

IP: 132.195.123.249

Printer-M13 (At the end of the hall, on the right in the anteroom) IP: 132.195.123.250

Printer-M14 (In the washroom or kitchenette)

IP: 132.195.123.251

Printer-M15 (In the washroom or kitchenette)

IP: 132.195.123.252

Printer-M16 (In the washroom or kitchenette)

IP: 132.195.123.253

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7x **MAXQDA 2022 Analytics Pro** network licenses for qualitative text analysis

- When using MAXQDA simply purchase a network license by specifying the IP address **132.195.120.71** set up and retrieve one of the two licenses.
- Also via VPN

9x **DeepL Starter** Accounts for translations and text optimization

- Activation after consultation with Florian Kluge via support@wiwi.uni-wuppertal.de
- From the 10th account on, one must be deactivated again, so please let us know if you don't use it.

STATA 14 MP (multi-core variant) - Just let us know if you need it. 64

STATA 14 IC licenses for students (in pool and on terminal server)

IBM DB2 (with integration of machine learning techniques, for example) and PostgreSQL as relational database systems. Planning of an environment to simply provide a database instance.

Jetbrains: all development tools from JetBrains* (registration with a university email address required) free of charge for students and staff, if used for teaching;

- **PyCharm** and **PyCharmEdu** (working with and learning Python)
- **IntelliJ** (for Java, also with Edu variant as (self) learning environment);
- **R extension** for those who already use a JetBrains IDE;
- * <https://www.jetbrains.com/>

Overview of services and software

Gitlab Ultimate Edition (100 users);

- If source code control management is to be used as a teaching and/or learning object using Gitlab as an example.
- Also available at ZIM: for all students (projects) or for employees who "just want to do a little" versioning.

Tower, a Gitlab client for Windows and macOS: (100 users)

- Also suitable for final theses of students

Matlab/ Simulink (ZIM)

- <https://zim.uni-wuppertal.de/de/unsere-dienste/software/lizenzen/matlab/>
- Software for solving mathematical problems and graphically displaying the results
- Installation on terminal server is being checked.

Turnitin/ **iThenticate** - plagiarism detection

- Platform for submitting theses for plagiarism detection
- Activation after consultation with Florian Kluge via support@wiwi.uni-wuppertal.de
- https://app.ithenticate.com/en_us/login

Schumpeter School Connect: Teaching/Learning Platform

- <https://connect.wiwi.uni-wuppertal.de>
- Access for all students of the university and employees* of the faculty

Citavi literature management

- <https://zim.uni-wuppertal.de/de/unsere-dienste/software/lizenzen/citavi/>

SCIEBO Online Storage

- <https://zim.uni-wuppertal.de/de/unsere-dienste/portale/sciebo/>
- Employees can increase the storage quota to 500 GB
- Not suitable for exam or student data

- All university portals can be found at: <https://zim.uni-wuppertal.de/de/unsere-dienste/portale/>
- All university licenses can be found at: <https://zim.uni-wuppertal.de/de/unsere-dienste/software/lizenzen/>

Whisper with OpenAI for interview evaluations:

Program with a text transcription algorithm for interviews

- Transcribes audio recordings into text
- Installation is checked
- (Contact person: Florian Kluge / Markus Thomanek)

<https://openai.com/blog/whisper/>

Chat GPT

Who has already tried it? What are the experiences? What impact will it have on your teaching and testing?

- Used for creating first drafts for texts
- Suitable for the creation of presentations and their structural design.
- Used for the creation of program code

Please report any programs you use.

<https://chat.openai.com/>

Elicit - AI Research Assistant:

Supports literature research

"While answering questions using research is the main focus of Elicit, there are also other research tasks that help with brainstorming, summarizing, and text classification."

<https://elicit.org/>

- Re-election of members of all groups of the Senate, Faculty Councils of Faculties 1 - 8, Council of the Institute of Educational Research and re-election of female members of all groups of the Electoral Women's Body for terms beginning on 01.04.2024 shall be held in the period from 05.12.2023 to 07.12.2023 in the hours from 9.00 a.m. to 3.00 p.m. each day.
- In the deanery the lists of candidates are available until 12.11.2023, in which you can register and thus stand for election.
- https://bscw.verwaltung.uni-wuppertal.de/pub/bscw.cgi/d8912866/2023_98.pdf

Questions...

Suggestions...

Forgotten...

Accessibility:

- By e-mail: support@wiwi.uni-wuppertal.de
 - All Schumpeter School IT Service employees can read the mails.
- It can sometimes take longer, but we receive 99% of the mails.
- We do **not** provide direct telephone support.
- Remote support also possible in the home office via Teamviewer or Zoom

Suggested topics to techtalk@wiwi.uni-wuppertal.de What are your requests?

What needs do you see in your organizational unit or within the faculty?

Thank you for
your attention