**Laboratory exercise of VoIP**

**Basic configuration of Asterisk PBX**

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#### Subject: Telecommunication Networks

**Laboratory:** EB210 – Voice over IP

# Introduction

*Introduction of VoIP technology and content of the practical exercise*

# Connection Scheme

*Really scheme of the practical exercise* *– scheme of workplace*

# All instruments used for laboratory measurement

*Used software tools and hardware instruments*

*(recommended programs: Yate, Putty, Wireshark, Asterisk, Debian Server)*

# Procedure of Laboratory exercise

*Procedure of laboratory exercise*

# Graphical Results

*Graphical representations (captured flow in Wireshark)*

# Description of the call flow

*Brief description of the captured call flow*

# Evaluation and Conclusion

*Own conclusion of the practical lesson and answers to the questions below*

Which SIP signalization message is used to **initialize** a phone call?

Which SIP signalization message is used to **end** a phone call?

After SIP establishes a call session, which **protocol** is used **for exchanging voice packets**?

**The full score of the protocol can only be obtained for fulfillment of all the points above!!!**