

# Application Security (apsi)

Lecture at FHNW

Lecture 13, 2020

Arno Wagner, **Michael Schläpfer**, Rolf Wagner

<arno@wagner.name>, <{michael.schlaepfer,rolf.wagner}@fort-it.ch>

# Lecture Evaluation



# Dates

▶ Guest-Lecture 04.01.2021	13:15-14:00	MS Teams
▶ MSP 04.02.2021 (Thursday)	13:15-14:45	1.045/1.047 (Wall opened)

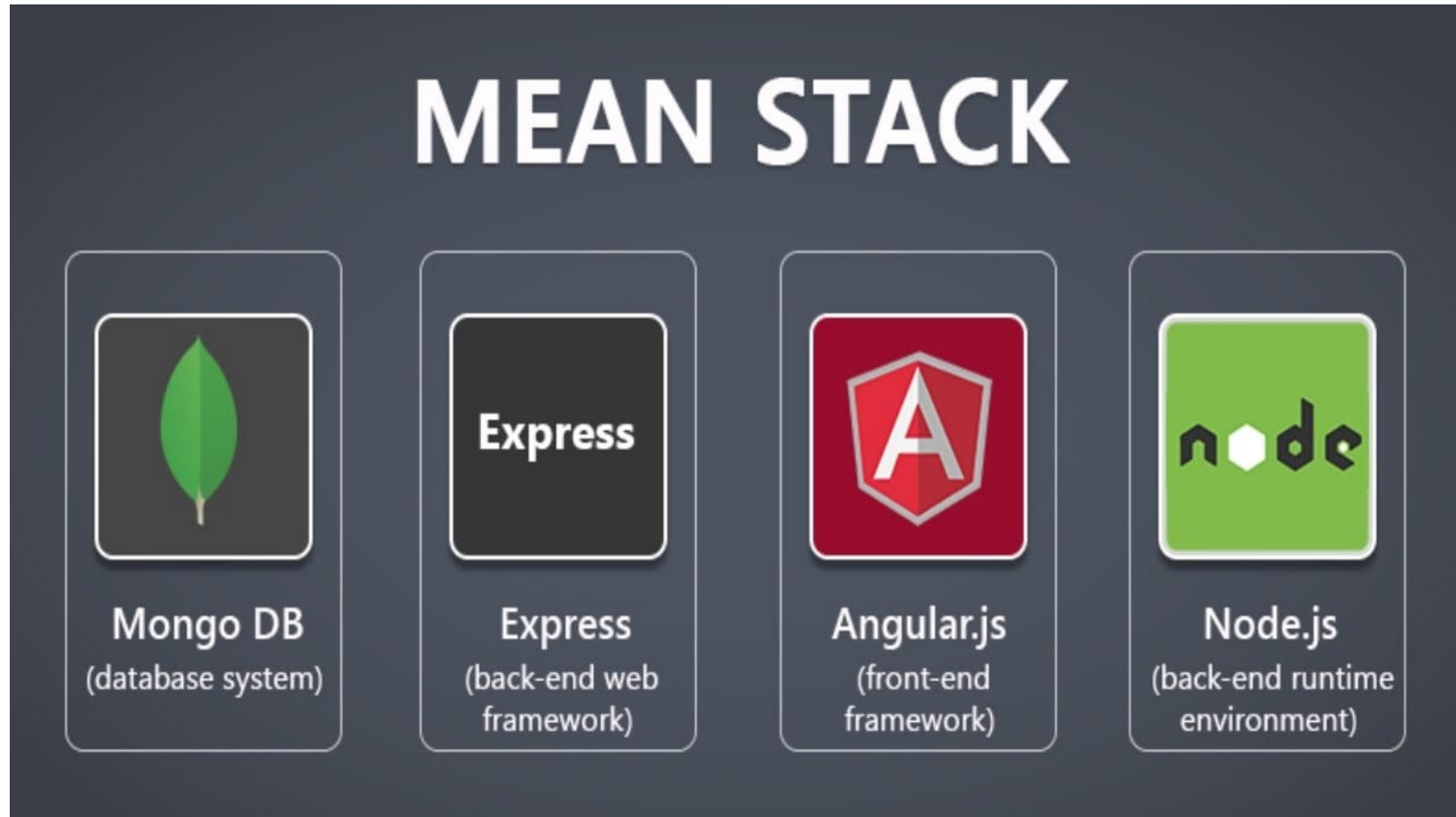
# 04.01.21: Guest Speaker about WAF/Identity Federation



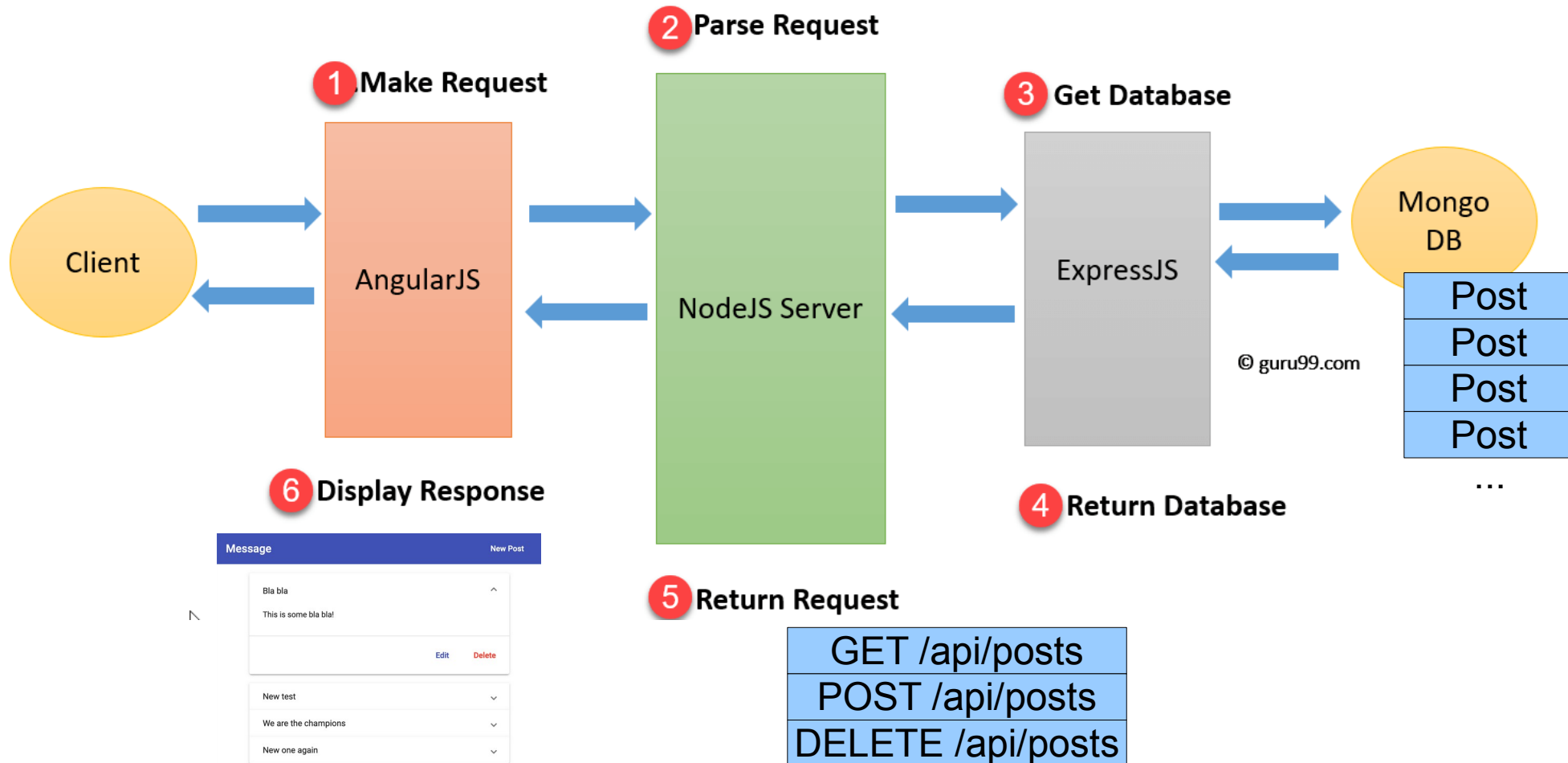
**UNITED SECURITY PROVIDERS**

- ▶ MS Teams
- ▶ Christoph Schulthess, Teamleader Application Security @ United Security Providers AG
- ▶ Corporate Networks and Application Level Security using Web Application Firewalls
- ▶ Integration with web applications and consequences on software development/deployment for you

# Recap: MEAN Stack



# What we will build



# Exercise and Project

- ▶ Project is based on the following tutorial:  
<https://www.javatpoint.com/mean-stack>
- ▶ Consider best practices introduced last week
- ▶ Use "Helmet" to set appropriate HTTP headers:  
<https://www.npmjs.com/package/helmet>
- ▶ Evaluate the application regarding security, what could be done better and how
- ▶ Advanced (optional):
  - ▶ Improve the application regarding to your findings