



# Softwarized Internet of Things with Lightweight Clouds in Practice

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# Seminar Outline

## Session I – Softwarized Internet of Things

- Introduction to the IoT
  - Hands on 1-1 : IoT Sense
- IPv6 for IoT
  - Hands on 1-2 (a) : Broadcast Temperature with IPv6
  - Hands on 1-2 (b) : Multi-hop transmission using RPL and UDP
- Softwarized Internet of Things
  - Hands on Demo 1-3 : Software Defined Wireless Sensor Networks

## Session II – Lightweight Clouds for the Internet of Things

- Lightweight NFV
  - Hands on 2-1 : Introduction to Unikernels
- Fog Computing
  - Hands on 2-2 : Fog Computing deployment using unikernels
- Conclusion

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Please communicate 😊

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