

# Internet stvari i servisa

## Servisno-orijentisane arhitekture

Teme za seminar – 2021

Proučiti izabranu SOA/IoT tehnologiju, platformu ili sistem za razvoj mikroservis IoT aplikacija, opisati glavne komponente i funkcionalnost u razvoju mikroservis IoT aplikaciji i ilustrovati upotrebu i funkcionalnost kroz jednostavan primer.

1. OpenFaaS - <https://www.openfaas.com/>
2. Faasd - <https://github.com/openfaas/faasd>
3. OpenWhisk - <https://openwhisk.apache.org/>
4. Nuclio - Serverless Platform for Automated Data Science - <https://nuclio.io/>
5. Envoy - [www.envoyproxy.io](http://www.envoyproxy.io)
6. Istio - <https://istio.io/>
7. Linkerd - <https://linkerd.io/>
8. Camunda – Workflow automation - <https://camunda.com/>
9. Prometheus - <https://prometheus.io/> <https://github.com/prometheus/prometheus>
10. KubeEdge - <https://kubedge.io/en/>  
<https://kubedge.readthedocs.io/en/latest/modules/edgesite.html>
11. K3s - <https://k3s.io/>
12. StarlingX - <https://www.starlingx.io/>
13. Google Cloud IoT Core - <https://cloud.google.com/iot-core>  
<https://codelabs.developers.google.com/codelabs/cloud-iot-core-overview>
14. IBM Watson IoT - <https://www.ibm.com/cloud/watson-iot-platform>  
<https://internetofthings.ibmcloud.com/>
15. Nutanix Xi IoT - <https://www.nutanix.com/products/iot>
16. Siemens MindSphere - <https://developer.mindsphere.io/>  
<https://developer.mindsphere.io/apis/index.html>
17. FIWARE - <https://www.fiware.org> <https://www.fiware.org/developers/catalogue/>
18. OpenHAB - <https://www.openhab.org/> <https://www.myopenhab.org/>