Insights for Edge Software Developers

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For: everyone

Episode #4 – MEC Sandbox
In this episode ...

• We will learn:
  • The background on why the MEC Sandbox was created
  • Where to find and how access the ETSI MEC Sandbox
  • How to interact with the various MEC Service APIs available in the MEC Sandbox

Interact with MEC Services in the Sandbox at: try-mec.etsi.org
1 – Rational for the MEC Sandbox

Why was the MEC Sandbox created?
– Developers indicated that the OpenAPI representations are a great resource to understand the MEC API syntax
– However, developers also want to learn about the behaviour of MEC Services
– This can only be achieved with by interacting with them via a “live” service implementation

MEC Sandbox Concept:
– Provide an easy-to-use, interactive environment that enables users to learn & experiment with “live” ETSI MEC Service APIs from anywhere in the world.

ETSI Forge: https://forge.etsi.org

MEC Tech Series Episode #1 – MEC OpenAPIs

MEC Hackathon - 2021
2 – ETSI MEC Sandbox Access and Sign-in

try-mec.etsi.org
3 – MEC Sandbox Tour

Monaco Map
- Network
- Terminals

API Console

Configuration
- Controls
- MEC Service Access
  - Browser via Swagger UI
  - Direct from your MEC Application
4 – Available MEC Services

Available MEC Services:
- Location (MEC 013)
- Radio Network Information (MEC 012)
- WLAN Access Information (MEC 028)
- New Application and Service Enablement APIs (MEC 011)
- New Application Mobility Service (MEC 021)

Planned for 2022:
- Bandwidth Management and Traffic Steering Service (MEC 015)
- UE Application API (MEC 016)
- V2X API (MEC 030)
Conclusions and further resources

What we have learnt:
- The rationale behind the ETSI MEC Sandbox and the need it satisfies
- Where to find and how to access the MEC Sandbox
- How to navigate the Sandbox UI and interact with MEC Services

Interested to learn more?
- Visit the MEC Sandbox and play with its Services: https://try-mec.etsi.org/
- Check out the internal technical details at: https://forge.etsi.org/rep/mec/mec-sandbox-scenarios
- Follow also the next episodes of the MEC TECH Series 😊
Enjoy the