

ETSI NFV & MEC Remote API Plugtests 2021 Pervasive vCDN Services Use Case

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- Organized **annually** by the ETSI Centre for **Testing and Interoperability**
- Enables **NFV** and **MEC** solution providers and open source projects to:
 - meet and assess the level of interoperability of NFV and MEC solutions
 - validate level of conformance to NFV and MEC specifications and APIs



- Different tracks for wide range of "bring-your-own" Functions Unfer Test (FUT)
 - VNFs/CNFs, NFV MANO/OSS/BSS platforms, MEC platforms & services, VIMs, Testing tools

[1] https://portal.etsi.org/Portals/0/TBpages/CTI/Docs/ETSI_NFV&MEC_2020_Plugtests_Report_v1_0_0.pdf



NFV&MEC Plugtests 2020 – Participation [1]

The 5GZORRO Pervasive vCDN Use Case **5GZORRO**



- Extreme workload situations \rightarrow CSP's edge infrastructure cannot satisfy SLA
- 5GZORRO auto-scaling mechanisms \rightarrow (pro-/re-active) Al-based resource **discovery** process for **slice extension** over **3rd-party** (spare) resources

[2] http://www.intracom-telecom.com/en/products/telco_software/iptv_multiplay/fs_cdn.htm





Intracom Telecom @ ETSI NFV&MEC Plugtests 2021 **5GZORRO**

ETSI NFV&MEC Plugtests 2021

- 1st Phase: Conformance Testing (01-28 February)
- **fs cdn[™] Anywhere** solution cloud-native NFV Deployment with **Network Slicing** artifacts
 - SOL006 track: Open Source MANO OSM **descriptors** (YAML + Juju charms)
 - update and validate SOL006 [3] conversion



• CNCF track: experts' conformance tests and report on cloud-native principles of IoT/Edge prototype solution deployed as Cloud-native Network Functions over Kubernetes

I-S

anywhere

[3] https://www.etsi.org/deliver/etsi_gs/NFV-SOL/001_099/006/02.06.01_60/gs_NFV-SOL006v020601p.pdf

ETSI NFV MNO Reference Architecture













This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871533

Thank You

