TEOSM and NG-UI

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Agenda

- TEOSM Distribution Highlights

- Open Source Awesomeness - NG-UI Highlights

- NG-UI Demo

TEOSM Distro Highlights

Puppet driven, Helm chart managed Kubernetes based OSM distribution with support for K8s services

Verified using ClayBot, a NFVO test automation engine with over 500+ automated test cases

TEOSM can be deployed and maintained in multi site multi environment in an automated fashion using CICD. **The distro is highly available, resilient and secure by design**

5G, Cloud Native with slicing as a first class citizen

High availability for stateful and stateless sets

Active in community – dozens of features and a brand new next generation UI based on Angular 9

Enhancements for better NG OSS/BSS integration

Partnership with CeWitt and Network OEM for next generation 5G test bed

Different grades of testing - scalability, soak , stress, spike, and robustness

Compliance to security standards
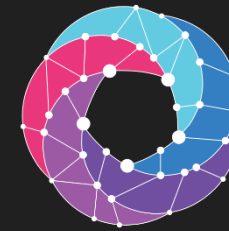
Promoting Open Source MANO and R&D

❑ **Happy to announce an outreach program - TEOSM distribution free licenses to universities and research labs**

NG-UI Highlights

- Aligned with OSM Release 7.0.1 and above

- Speed and performance - Single Page Application (SPA), lazy loading, asynchronous operations

- Aligned with latest stable version Angular 9

- Plug & Code: Component-based architecture that provides a higher quality of code

- Security: Built-in protections against common web-application vulnerabilities and attacks such as cross-site scripting attacks

- High degree of reusability in design and code

- Cross browser support (IE10/11, Edge, latest Chrome and Firefox)

- Easy to Re-skin and Scalable

- Multi-Language support - Currently supporting (English, German, Spanish, Portuguese)

Quality Assurance

- Feature quality - extensive testing with around 1000+ test cases

- Code quality – Followed SIG standards, Peer review done on each patch-set

- Security - Cross -site scripting (XSS), Sanitization, Nginix CIS, & HTTP Security

- Design - High degree of reusability in design and code

Thank You

Next Gen Angular 9 based Frontend for OSM