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
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