

2021-11-19 AI/ML for NFV Meeting Minutes

Attendees

Sridhar Rao

Girish L

renukananda td

Vidyashree K S

Hemashree R

Ildiko Vancsa

Sl. No.	Topic	Presenter	Notes
1	About Thoth	Sridhar Rao	Updates to the slides presented last week. Latest version can be found here: About Thoth Slide about Nouns and Verbs of Thoth.
2	Demo of Synthetic Monitoring/Logging Data Generation using GANs.	renukananda td Vidyashree K S Hemashree R	Checked with <ol style="list-style-type: none">1. Barometer project too - They too don't have data sample2. Linux Foundation testbeds. They mostly run Baremetal as service. In this scenario, the cloud-provider (the labs) do not run any observability tools.3. China Mobile - Considering. Current: Performance is poor (55%). Working towards improving the same. Future: Try Table GANs. ToDo: <ol style="list-style-type: none">1. Finalize the dataset<ol style="list-style-type: none">a. Consideration: Multiple sources or Single Sourceb. All infra-dataset is multiple sources.2. On Openstack or K8S - Run Functest including performance tests. While running functest we can collect the infrastructures.
3	ML in Cloud-Native NFV	Girish L	Work in Progress - Move to Next week for discussion on this.
4	MaaS	Sridhar Rao	<ol style="list-style-type: none">1. Framework - Acumos Kubeflow.<ol style="list-style-type: none">a. Deployed Kubeflow, and a pipeline with basic linear regression was tried.b. Trying to answer: How easy it is to add newer models - and each model as a separate container.2. Human Resource - Researchers - Team<ol style="list-style-type: none">a. Karthik and Atif.b. Access to Pod18 - for running Kubeflow.3. Data Confidentiality Promise.4. PoC - ??? (Problem for which they (end-users) don't want to invest internal Human resources).