2021-07-30 AI/ML for NFV Meeting Minutes

Attendees

Sridhar Rao

Rohit Singh Rathaur

Girish L

Kanak Raj

Al Morton

Akanksha Singh

SI. No.	Topic	Presenter	Notes					
1	Committers and Contributors		Girish and Rohit will be Committers. Rest will be Contributors. Sridhar to complete the info.yaml - and accordingly create (a) Slack.					
2	Data Status		Failure Prediction using Al/ML in NFV Environments : The Data description is updated. ToDo: (a) Location of the Node Failure events (b) Location of the Link Failure events.					
			Failure Type	Data Model Status	Availability	Creation Possibility		
			Node	IN PROGRESS	NO	Difficult		
			Links	IN PROGRESS	NO	OK		
			VM	YES	YES	Difficult (Experimental WIP)		
			Container	YES	NO	Difficult (Experimental WIP)		
			Application	IN PROGRESS	YES	Difficult		
			Middleware	IN PROGRESS	NO	Difficult		
	Implementation Status		Jupyter-Notebooks.	ata. Continuing with the existing data				
3	Volunteers - AlgoSelector		Kanak: Reinforcement Learning. Going through the articles. Unable to really find right reasoning. When to use which algorithm. List the algorithms that are part of reinforcement learning - Start 2-3 algorithms. Applicability of these algorithms - when to use points. Algo-Selector Implementation Approach: Chatbot Use: Decision Tree (Rule-Based).					
			Goal: Which Python module/project to reuse.					
1	TVLV-Tool - Update.		APIs to config and start is completed. Stop API is ongoing.					
			ToDo: Containerizing and creating VM.					