

# 2021-07-02 AI/ML for NFV Meeting Minutes

## Attendees

Sridhar Rao

Rohit Singh Rathaur

Girish L

Al Morton

Ildiko Vancsa

Sl. No.	Topic	Presenter	Notes
1	Request to create gitlab repo for this incubation project		<a href="#">Sridhar Rao</a> to initiate on 6th of July.
2	Presentation to EUAG		EUAG: End User Advisory Group. 6th of July - Present the plan, and request for <b>support w.r.t Data</b> .
3	Framework Deployment Status	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	LF Acumos deployment is not stable - Ended up wasting too much time on it.  Move the "framework" issue to later phase - need volunteer(s) to get the issue with these frameworks deployment fixed.  Work independent of these framework - Python and ML-Libraries – Jupyter Notebooks.  Pod12 - Jumphost. Install Ubuntu 20.04 LTS on Jumphost.
4	Model Deployment Status	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	RNN and LSTM – VM failure.  Data: <a href="https://github.com/amasend/SDN_with_Neural_Network/tree/master/data">https://github.com/amasend/SDN_with_Neural_Network/tree/master/data</a> - CPU
5	Summary of "Gaps" in Existing Failure prediction works	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	<ol style="list-style-type: none"><li>1. Container Failures are not considered.</li><li>2. Node level failures are not considered.</li><li>3. Application level failures are not considered.</li></ol>
6	Model Enhancement Status	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	Plan will be based on - 5.  Create separate models for each of the failures  Girish/Rohit would like to share ideas on Model Enhancement Next week. <ul style="list-style-type: none"><li>• Node-Level .</li><li>• <b>VM - Current focus.</b></li><li>• Container/Pod</li><li>• Application/Workload</li></ul>
7	Data Status	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	<a href="#">Sridhar Rao</a> to send mail to <a href="#">Ildiko Vancsa</a> - explaining the requirements.
8.	Failure Prediction Definition - Status	<a href="#">Girish L</a> <a href="#">Rohit Singh Rathaur</a>	<input checked="" type="checkbox"/> Classification of Failures <input type="checkbox"/> Mapping data and failures - ToDo - Node and VM (Rohit), Container and App to Girish. <input checked="" type="checkbox"/> Models and Failure category mapping.