



Aarna
NETWORKS



4th ETSI NFV Plugtests Summary & Learnings for ONAP

ONAP DDF at Stockholm Kista

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Overview

- 4th ETSI NFV Plugtests was held from June 3-7, 2019
- We participated with Aarna Networks ONAP Distribution 2.0 (100% pure-play ONAP Casablanca)

What Did We Achieve?

- We are not allowed to share vendor names as per ETSI rules (without the 3rd party vendors' permission)
- But we can instead provide a summary

	Passed	In-progress
VIM interop	1	1
Singe VNF interop	5	
2 VNF chain interop	1	

What Was Our Approach?

- We used HEAT VNF-D and used SO to directly orchestrate the VNF(s)
- At this Plugtests, we did not focus on SOL003 testing; we plan to do this at the next Plugtests

What Are Our Learnings?

- Documentation needs improvement.
- Could not make scaling work.
- The ESR GUI used for on boarding the underlying VIM needs improvement. It worked only for one cloud, out of the two we worked with.
- Also there was a situation where the cloud vendor offered the Openstack Queen version but the ESR GUI gives option only for Ocata.

Our Learnings (cond)

- The HEAT template with larger number of VF components along with virtual routers required for the service caused issues:
 - The distribution of the service failed in the ONAP SO
 - Failure was root caused to the fact that SO DB VF modelling table could not handle a large record that was generated by HEAT template
 - The problem was solved by increasing the column size in the SO table



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