

NFVRG@IETF-95

Resource Management in Service Chaining

draft-irtf-nfvrg-resource-management-service-chain-03

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Comments and Changes since IETF-94

- Timescales for optimization
 - (by flow but event-driven at failure or adaptation)
 - → need to address in the framework
- conflated terms VM and VNFC
 - editorial changes in the text, “VM class”
 - → need to further refine the system model
- added constraints into system models
 - Network traffic conservation constraints
 - traffic within a NFP, in the ratio of TFR (traffic flow distribution ratio among NFPs)
 - Network traffic processing order constraints
 - traffic processing order of VNF instances as specified in NFP
 - Link and processing capacity constraints
 - limit the traffic within the capacities of VNF & VL instances

Next Steps

- Refine the system model
- Build a framework and heuristic algorithms for prototyping
- Merging into *draft-irtf-nfvrg-policy-based-resource-management*
 - for architectural considerations, examples, framework