

# Policy Architecture and Framework for NFV Infrastructures

NFVRG WG  
(IETF 95, Buenos Aires)

draft-irtf-nfvrg-nfv-policy-arch-03

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# IETF 94 Recap

- Updated Section 8.1 “Establishment of a Multipoint Ethernet Service”
  - Added that the OSS/BSS would translate the requested service to an appropriate policy using the *name space* defined between the OSS/BSS and NFVO
  - Added a Local NFVO to each vPoP in the example
- Added Section 7.1 “Pub/Sub Bus Name Space”
  - *Name Space* discussion was part of Section 8.1 above
  - Moved it to a separate subsection (7.1)
- New Co-Author
  - Dilip Krishnaswamy - IBM Research

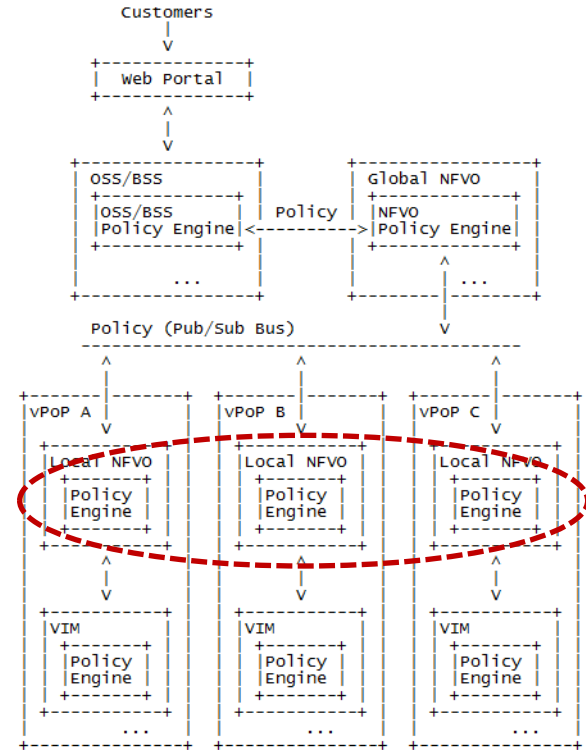


Figure 6: Simplified view of a service provider's NFV Architecture: Multipoint Ethernet Service Example

# New with Current Draft

- Merged the “Policy-based NFV placement and scheduling” example provided in reference [1] below into Section 8.2
  - The example describes global NFV placement policies applicable to compute to promote energy conservation for a NFVIaaS use case in an OpenStack framework
  - Policies are written based on performance parameters provided by a “Measurement Collector”, which periodically retrieves instantaneous per-server CPU utilization and other parameters

Ref. [1] - draft-krishnan-nfvrg-policy-based-rm-nfviaas

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New

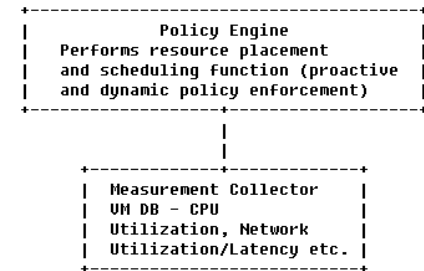


Figure 7: NFVIaaS Architecture for Policy Based Resource Placement and Scheduling

# Next Steps

- Draft content to be merged into “Policy-Based Resource Management”
  - draft-irtf-nfvrg-policy-based-resource-management-00