

NFVRG@IETF-97

Policy-Based Resource Management

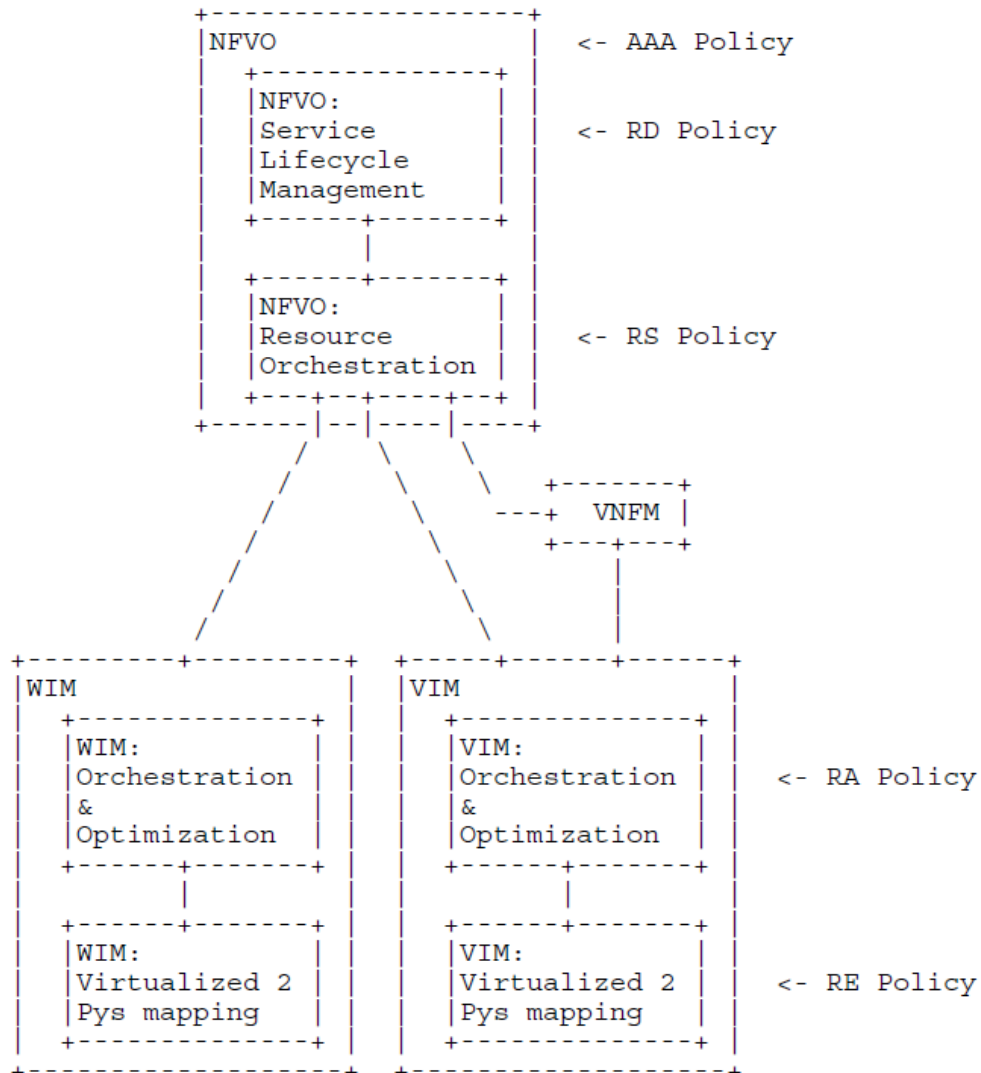
draft-irtf-nfvrg-policy-based-resource-management-02

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Changes in V02

- Edit/Sec 5.10: Operational policies for resource management
 - Operational Policies at NFVO
 - Operational Policies at VIM/WIM
- New/Sec 6.3: Example of Policy-Based VNF-FG Management
- New/Sec 6.4: Example of Policy-Based Fault Management

Operational Policies for Resource Management



- At NFVO
 - Authentication, authorization, accounting (AAA)
 - Resource adaptation (RD)
 - Resource scheduling (RS)
- At VIM/WIM
 - Resource allocation (RA)
 - Resource embedding (RE)

New Policy-Based Resource Management Examples

- Policy-Based VNF-FG Management and Fault Management
 - Referred to contents provided in reference [1]
 - These examples describe a VNF-FG placement policy (in RS policy) and recovery policies (in RD policy) for a failed VNF in a VNF-FG
 - But, these examples are needed to be detailed further

[1] I-D.irtf-nfvrg-resource-management-service-chain

Status – no changes

- ✓ Content structure
- ✓ Terms and definitions
- ✓ Scope (need discussions)
- ✓ Contents from adopted drafts:
 - ✓ I-D.irtf-nfvrg-nfv-policy-arch
 - ✓ I-D.unify-nfvrg-recursive-programming
 - ✓ I-D.irtf-nfvrg-resource-management-service-chain

(Review of) Next Steps

X Review and update to draft scope, goal, and structure

X Discuss and include relations to SFC Control Plane

X Identify gaps

X SFC relations, resource vs. capability management

Action: to move forward

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