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-nfverg-resource-management-service-chain
Status – no changes

✓ Content structure
✓ Terms and definitions
✓ Scope (need discussions)
✓ Contents from adopted drafts:
  ✓ I-D.irtf-nfvg-nfv-policy-arch
  ✓ I-D.unify-nfvg-recursive-programming
  ✓ I-D.irtf-nfvg-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
Acknowledgements

• Authors of the original drafts:
  – R. Szabo (Ericsson), Z. Qiang (Ericsson), M. Kind (DT-AG) from
  – N. Figueira (Brocade), R. Krishnan (Dell), D. Lopez (Telefonica) and S. Wright (AT&T)
  – S. Lee (ETRI), S. Pack (KU), M-K. Shin (ETRI) and E. Paik (KT)