ACTN REQUIREMENTS

HTTPS://TOOLS.IETF.ORG/ID/DRAFT-IETF-TEAS-ACTN-REQUIREMENTS-05.TXT

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Re-shaped the document to focus only on the operators’ requirements to implement ACTN.

- Service-specific requirements
  - Requirement 1: Virtual Network Service (VNS) creation
  - Requirement 2: Virtual Network Service Query
  - Requirement 3: VNS Instantiation ("Please create a VNS for me")
  - Requirement 4: VNS Lifecycle Management & Operation (M&O)
  - Requirement 5: VNS Isolation
  - Requirement 6: Multi-Destination Coordination
  - Requirement 7: VNS Performance Monitoring
  - Requirement 8: VNS Confidentiality and Security Requirements

- Network-related requirements
  - Requirement 1: Virtual Network Service Coordination
  - Requirement 2: Topology Abstraction Capability
  - Requirement 3: Multi-Domain & Multi-layer Coordination
  - Requirement 4: End-to-End Path Restoration
  - Requirement 5: Dynamicity of virtual network control operations

- Deleted all interface-specific requirements
SUMMARY & NEXT STEPS

- Stable
- Ready for WG LC!
ACTN INFO MODEL
HTTPS://TOOLS.IETF.ORG/HTML/DRAFT-IETF-TEAS-ACTN/INFO-MODEL-02

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**UPDATES FOR THIS VERSION (02):**

- Referred all terminology to the ACTN Framework document
- Deleted all overlapping text with other ACTN documents such as Framework.
- `<VN Service Characteristics>` Object includes `<VN Objective Function>`:
  
  → aligned with te-tunnel yang

  `<VN Service Characteristics>` ::= `<VN Connectivity Type>`

  ( `<VN Traffic Matrix>` ...)

  `<VN Survivability>`

  Where `<VN Traffic Matrix>` ::= `<Bandwidth>` [ `<VN Constraints>` ]

  Where `<VN Constraints>` ::= [ `<Layer Protocol>` ] [ `<Diversity>` ] [ `<Shared Risk>` ]

  ( `<Metric>` | `<VN Objective Function>` )
SUMMARY & NEXT STEPS

- Stable
- Ready to move to WG LC!