

TVR (Time-Variant Routing) Requirements

[draft-ietf-tvr-requirements-05](#)

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Progress from 03 to 04

- New sub-sections for “Constraint Factors”
 - **Predicted Traffic Demand:** Network usage patterns fluctuate throughout the day, with peak times typically occurring during business hours and in the evening.
 - **Energy Efficiency:** The energy consumption of network equipment can be optimized based on the current and planned load
 - **Weather Conditions:** Weather can impact network performance, especially for wireless and satellite communications.
 - **Network Maintenance and Upgrades:** Scheduled maintenance or unexpected faults can introduce temporary constraints. By planning maintenance activities during off-peak hours and having real-time monitoring systems to quickly detect and address faults, network downtime can be minimized.

Progress from 04 to 05

- **“Introduction”** section text!
- Additional **“Resource Scheduling”** text
- Expanded discussion on **“Centralized Approach”**
- New section on **“Integrity Considerations”** and requirements
- New section on **“Robust Security”** requirements
- Numerous readability and squashed NITS

(redux) Mission Accomplished?

- Document is “stable”
 - No open issues in GitHub
 - <https://github.com/danielkinguk/tvr-requirements/issues>
- Have we met the objectives?
 - Yes, but...
 - Lacking reviews
 - WG Participant reviews requested
 - Maybe worth pinging other WGs/RGs, and authors of referenced/ancillary documents
 - OPSAWG
 - SATCOM interest groups
 - Anyone else?

Next Steps

- Request WG Last Call
 - Seek final reviews, questions and clarifications
 - Publish document
- Focus effort on TVR Applicability I-D