

# draft-boot-manet-nemo-analysis-00.txt

Teco Boot  
Infinity Networking B.V.

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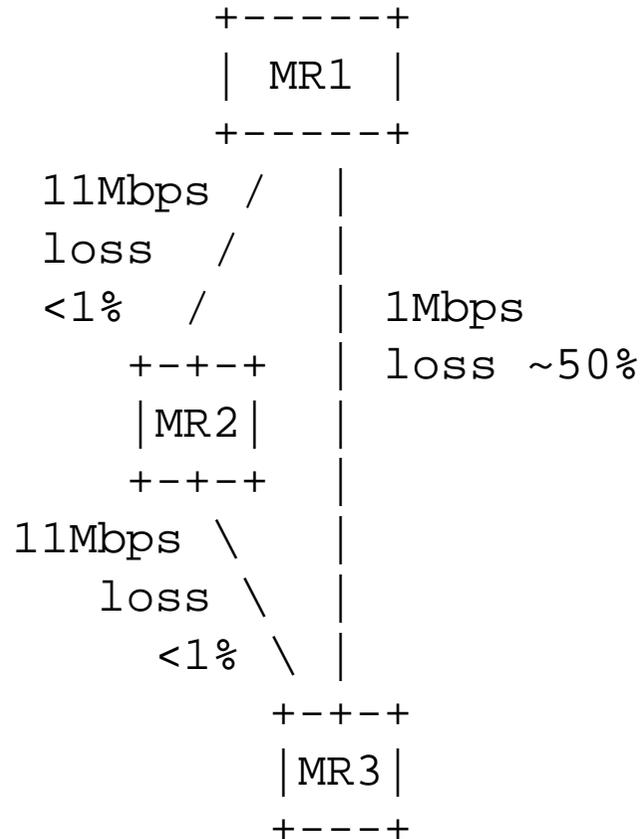
Reason for writing draft:

- Discussions about MANEMO ([www.mobileip.jp/MANEMO](http://www.mobileip.jp/MANEMO))
- Provided facilities by NEMO does not fit military & public safety requirements
- MANET scalability is still limited

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	MANET	NEMO
Scalability	Moderate	Huge
Mobility	Within area	Worldwide
HA dependency	No	Yes
RO problems	No	Yes
Interface types	MANET	Ingress & Egress
Multicast	SMF flooding	Inefficient for nearby nodes multicast
Worst Path First syndrome	If hop count metric	Gambling

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MANET:

Using hop count: MR3 will pick direct path to MR1:

- lowest BW
- highest packet loss
- highest spectrum usage
- most number of retries

NEMO:

Not aware of topology:

- MR3 is gambling

## Worst Path First syndrome