TABLE I
NODE FAILURES: *Small* INFRASTRUCTURE, *default* CONFIGURATION.

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 2% | 7% | 23% | 8% | 0.59% | 24.78 MB | 24 KBps | 25 KBps | 12 m 44 s |
| NF2 | 1% | 5% | 7% | 12% | 0.55% | 25.30 MB | 19 KBps | 21 KBps | 12 m 56 s |
| NF3 | 2% | 9% | 6% | 6% | 1.27% | 26.11 MB | 79 KBps | 80 KBps | 13 m 39 s |
| **Avg** | **1.75%** | **7%** | **11.75%** | **8.5%** | **0.82%** | **25.40 MB** | **41 KBps** | **42 KBps** | **13 m 6 s** |

TABLE II
NODE FAILURES: *Medium* INFRASTRUCTURE, *default* CONFIGURATION.

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 1% | 3% | 48% | 23% | 0.85% | 17.33 MB | 75 KBps | 76 KBps | 11 m 13 s |
| NF2 | 1% | 7% | 15% | 17% | 0.78% | 17.07 MB | 57 KBps | 58 KBps | 13 m 52 s |
| NF3 | 1% | 2% | 7% | 16% | 1.00% | 16.84 MB | 74 KBps | 75 KBps | 14 m 17 s |
| **Avg** | **1%** | **4.25%** | **22.5%** | **18.25%** | **0.91%** | **17.06 MB** | **69 KBps** | **70 KBps** | **13 m 7 s** |

TABLE III
NODE FAILURES: *Large* INFRASTRUCTURE, *default* CONFIGURATION.

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 1% | 7% | 10% | 16% | 2.18% | 29.77 MB | 87 KBps | 87 KBps | 13 m 13 s |
| NF2 | 2% | 9% | 7% | 13% | 1.58% | 22.17 MB | 50 KBps | 51 KBps | 13 m 22 s |
| NF3 | 1% | 8% | 20% | 16% | 2.52% | 26.36 MB | 162 KBps | 165 KBps | 13 m 44 s |
| **Avg** | **1.25%** | **8%** | **12.5%** | **14.75%** | **2.13%** | **26.10MB** | **100 KBps** | **101 KBps** | **13 m 26 s** |

TABLE IV
NODE FAILURES: *Small* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 8% | 13% | 24% | 3% | 3.11% | 19.94 MB | 194 KBps | 195 KBps | 6 m 9 s |
| NF2 | 5% | 1% | 17% | 2% | 2.13% | 17.76MB | 98 KBps | 98 KBps | 7 m 4 s |
| NF3 | 7% | 7% | 10% | 8% | 3.02% | 19.04MB | 216 KBps | 206 KBps | 6 m 32 s |
| **Avg** | **6.7%** | **7.25%** | **16.25%** | **4.25%** | **2.83%** | **18.91MB** | **169 KBps** | **166 KBps** | **6 m 35 s** |

TABLE V
NODE FAILURES: *Medium* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 4% | 4% | 11% | 21% | 2.27% | 26.32MB | 182 KBps | 191 KBps | 7 m 1 s |
| NF2 | 2% | 4% | 7% | 16% | 2.58% | 27.51MB | 135 KBps | 143 KBps | 7 m 8 s |
| NF3 | 1% | 4% | 6% | 17% | 3.10% | 28.34MB | 197 KBps | 200 KBps | 10 m 27 s |
| **Avg** | **3.75%** | **4%** | **8%** | **17.5%** | **2.66%** | **27.39MB** | **171 KBps** | **178 KBps** | **8 m 12 s** |

TABLE VI
NODE FAILURES: *Large* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| NF1 | 4% | 9% | 15% | 23% | 4.20% | 31.63MB | 203 KBps | 207 KBps | 10 m 47 s |
| NF2 | 2% | 13% | 26% | 24% | 4.60% | 29.50MB | 201 KBps | 362 KBps* | 7 m 52 s |
| NF3 | 2% | 10% | 9% | 21% | 5.26% | 31.73MB | 216 KBps | 936 KBps* | 9 m 32 s |
| **Avg** | **2.7%** | **10.5%** | **16.5%** | **23.25%** | **4.67%** | **30.95MB** | **207 KBps** | **502 KBps** | **9 m 24 s** |

TABLE VII
LINK FAILURES: *Small* INFRASTRUCTURE, *default* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 6% | 7% | 8% | 2% | 1.54% | 15.67MB | 87 KBps | 87 KBps | 4 m 43 s |
| LF2 | 2% | 4% | 7% | 7% | 1.00% | 22.39MB | 67 KBps | 67 KBps | 5 m 57 s |
| **Avg** | **4%** | **6%** | **8%** | **4%** | **1.27%** | **19.03MB** | **78 KBps** | **77 KBps** | **5 m 20 s** |

TABLE VIII
LINK FAILURES: *Medium* INFRASTRUCTURE, *default* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 1% | 3% | 9% | 24% | 0.99% | 16.04MB | 53 KBps | 53 KBps | 3 m 57 s |
| LF2 | 9% | 3% | 2% | 2% | 1.22% | 16.00MB | 37 KBps | 38 KBps | 9 m 54 s |
| **Avg** | **5%** | **3%** | **6%** | **13%** | **1.10%** | **16.02MB** | **45 KBps** | **46 KBps** | **6 m 56 s** |

TABLE IX
LINK FAILURES: *Large* INFRASTRUCTURE, *default* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 6% | 6% | 8% | 20% | 1.48% | 20.63MB | 65 KBps | 65 KBps | 7 m 15 s |
| LF2 | 2% | 6% | 1% | 3% | 1.88% | 20.43MB | 36 KBps | 37 KBps | 12 m 45 s |
| **Avg** | **4%** | **6%** | **4%** | **12%** | **1.68%** | **20.53MB** | **50 KBps** | **51 KBps** | **10 m 00 s** |

TABLE X
LINK FAILURES: *Small* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 10% | 6% | 9% | 5% | 3.53% | 17.83MB | 83 KBps | 83 KBps | 6 m 41 s |
| LF2 | 6% | 9% | 26% | 2% | 4.36% | 18.63MB | 103 KBps | 102 KBps | 6 m 1 s |
| **Avg** | **8%** | **8%** | **18%** | **4%** | **3.95%** | **18.23MB** | **93 KBps** | **93 KBps** | **6 m 21 s** |

TABLE XI
LINK FAILURES: *Medium* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 3% | 4% | 6% | 8% | 3.32% | 20.03MB | 233 KBps | 236 KBps | 9 m 26 s |
| LF2 | 6% | 3% | 7% | 9% | 2.85% | 17.22MB | 197 KBps | 195 KBps | 4 m 54 s |
| **Avg** | **4.5%** | **3.5%** | **6.5%** | **8.5%** | **3.08%** | **18.62MB** | **215 KBps** | **215 KBps** | **7 m 10 s** |

TABLE XII
LINK FAILURES: *Large* INFRASTRUCTURE, *reactive* CONFIGURATION

| **Exp. ID** | **Relative error** | | | | **Footprint** | | | | **Time to stability** |
|---|---|---|---|---|---|---|---|---|---|
| | *Lat (intra)* | *BW (intra)* | *Lat (inter)* | *BW (inter)* | CPU % | RAM | BW (Tx) | BW (Rx) | |
| LF1 | 21% | 8% | 22% | 18% | 4.72% | 27.53MB | 220 KBps | 230 KBps | 7 m 30 s |
| LF2 | 10% | 4% | 3% | 9% | 4.20% | 23.83MB | 170 KBps | 195 KBps | 8 m 41 s |
| **Avg** | **16%** | **6%** | **12%** | **14%** | **4.46%** | **25.68MB** | **195 KBps** | **213 KBps** | **8 m 6 s** |