

NS-2 mSCTP ASCONF

(Guide to Patch ASCONF module for mSCTP to NS-2)

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NS-2 (ver 2.30) simulator Sctp add ip, delete ip, primary
change asconf 가 mSCTP simulation 가 patch .

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1.

TR NS-2 network simulator ADD IP ASCONF, DELETE IP ASCONF, PRIMARY
CHANGE ASCONF 가 mSCTP simulation 가 patch guide .
TR patch ns-2.30 version
ns-2 . patch
(2008 2 26) mSCTP simulation
sctp.cc, sctp.h asconf.cc, asconf.h .

2. Patch

patch가 patch .

2.1 Patch

patch mSCTP simulation ADD IP ASCONF, DELETE IP ASCONF, PRIMARY
CHANGE ASCONF 가 asconf.cc asconf.h . file
allinone 가 Makefile.in makefile.vc asconf.o compile
. sctp.h enum type SctpChunkType_E SCTP_CHUNK_ASCONF
SCTP_CHUNK_ASCONF_ACK 가 . Patch
mSCTP simulation TCL file 가 .

2.2 Patch

<http://www.isi.edu/nsnam/dist/> ns-allinone-2.30 .
가 ns-2.30-asconf.patch file ns-allinone-2.30
. ns-allinone-2.30 .

```
patch -p1 < ./ns-2.30-asconf.patch
```

```
./install
```

patch가

bashrc bash_profile ns-allinone-2.30/bin/ path

ns

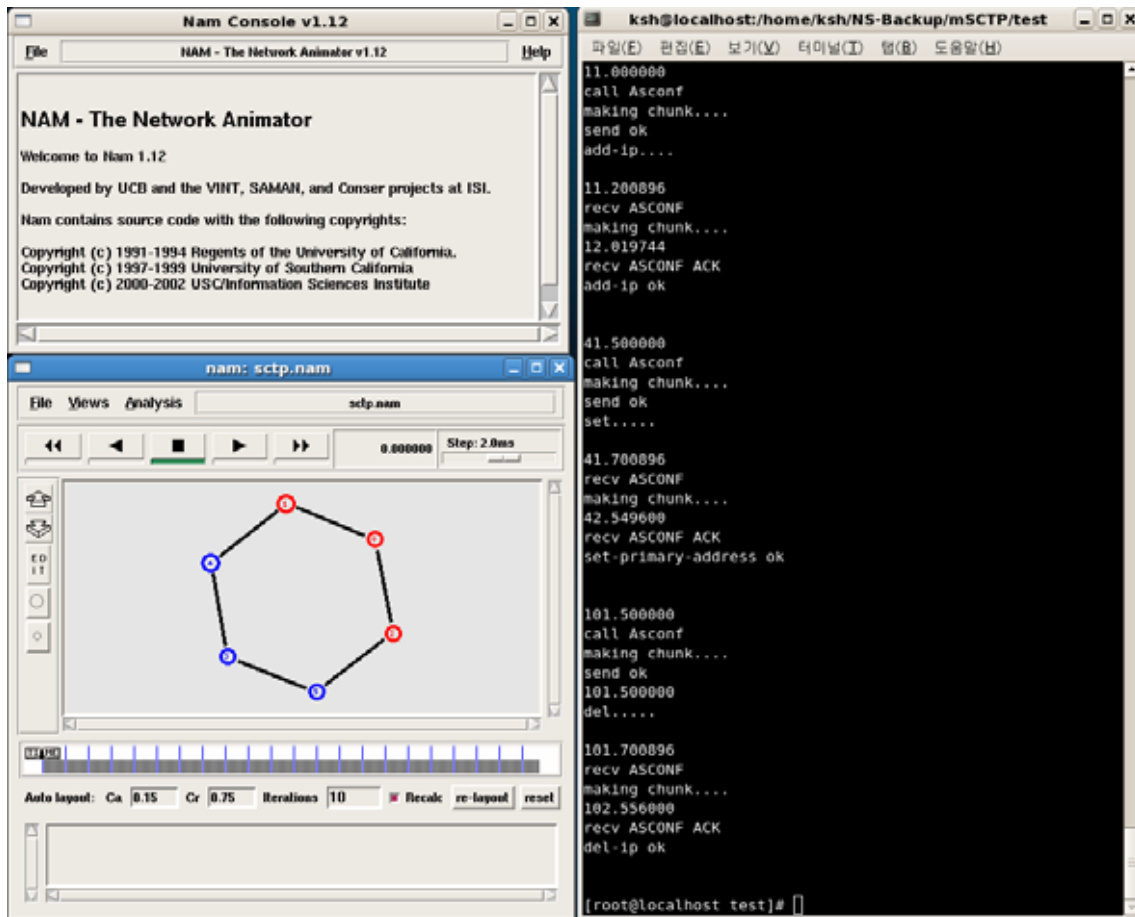
3. TCL TEST

Patch가 /ns-allinone-2.30/ns-2.30/tcl/test/ msctp_test.tcl

ns msctp_test.tcl

tcl

patch가



<TCL >

4.

ns-2.30 mSCTP patch
ns-allinone mSCTP allinone 가
patch가 allinone 가 patch mSCTP
simulation .

- [1] Stewart R., et al., "Stream Control Transmission Protocol", IETF RFC 4960, September 2007
- [2] Pastor J. and Belinchon M., "SCTP Management Information Base", IETF RFC 3873 September 2004
- [3] SCTP implementations by Linux, <http://rivus.sourceforge.net/>
- [4] SCTP ns-2 simulations codes, <http://pel.cis.udel.edu/#downloads>
- [5] SCTP tutorial, <http://www.iec.org/online/tutorials/sctp/>
- [6] Stewart, R., et al., "SCTP Partial Reliability Extension", IETF RFC 3758 May 2004
- [7] Stewart, R., et al., "SCTP Dynamic Address Reconfiguration", IETF 5061 September 2007