NHRP Implementation

Early prototype implementation with NEC C&C labs

- server mode
- serves multiple LIS
- SNMP agent for monitoring
- simple OV map NMS based on NHRP MIB
- (1) ethernet, (2) peer model, (3) PNNI
- No forwarding (yet)
- Purge
- 2 Protocol number to bypass 1 machine problems
- SunOS based
- NHC developed relatively independently of NHS

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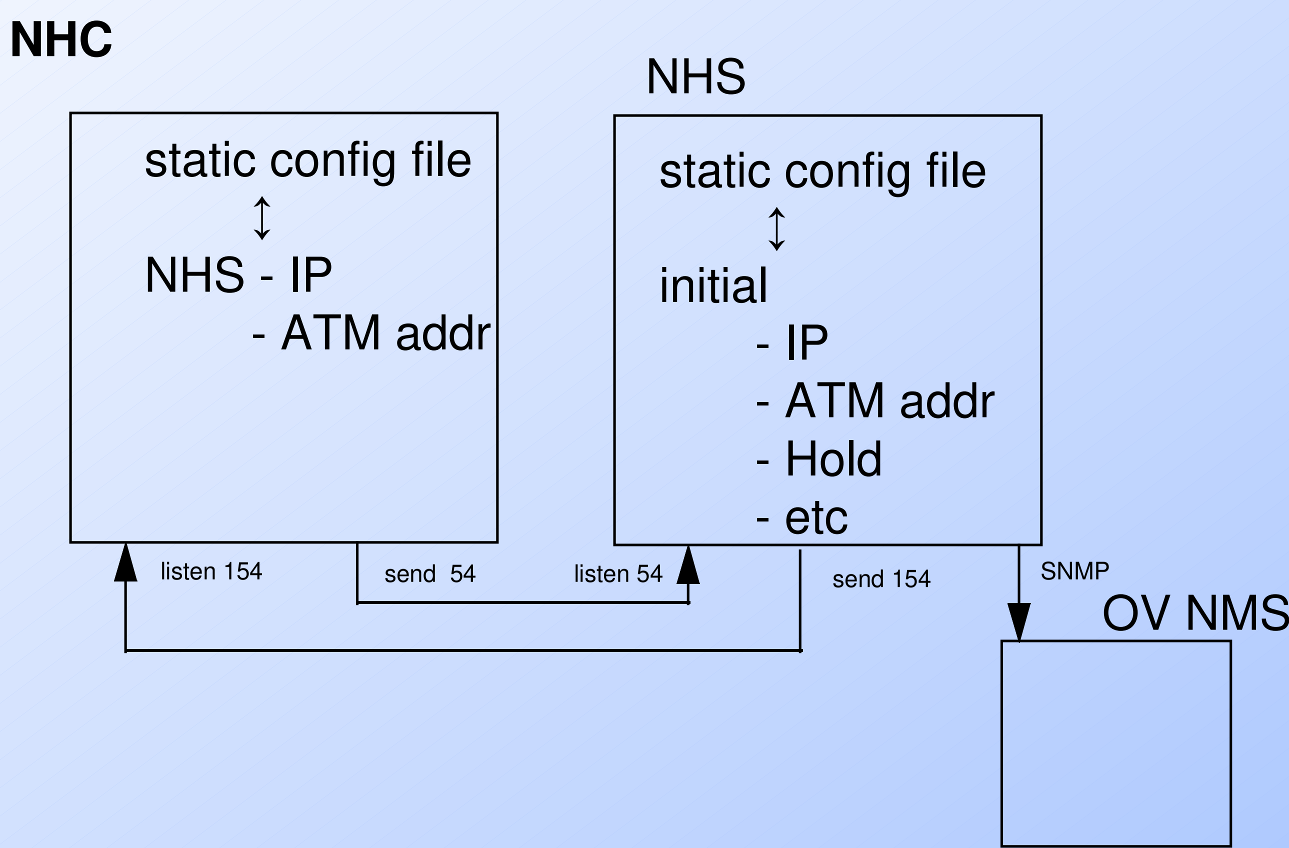
Implementation Model



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NHRP implementation

Near future

- 1 protocol number with NHC&NHS choosing which packets to ignore when both receive (unless something better this meeting)
- forwarding (and multiple NHS)
- extensions
- SNMP R/W for configuration
- NHC agent

Problems

- bootstrap
- configuration overheads
- demuxing NHC&NHS on one box

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