

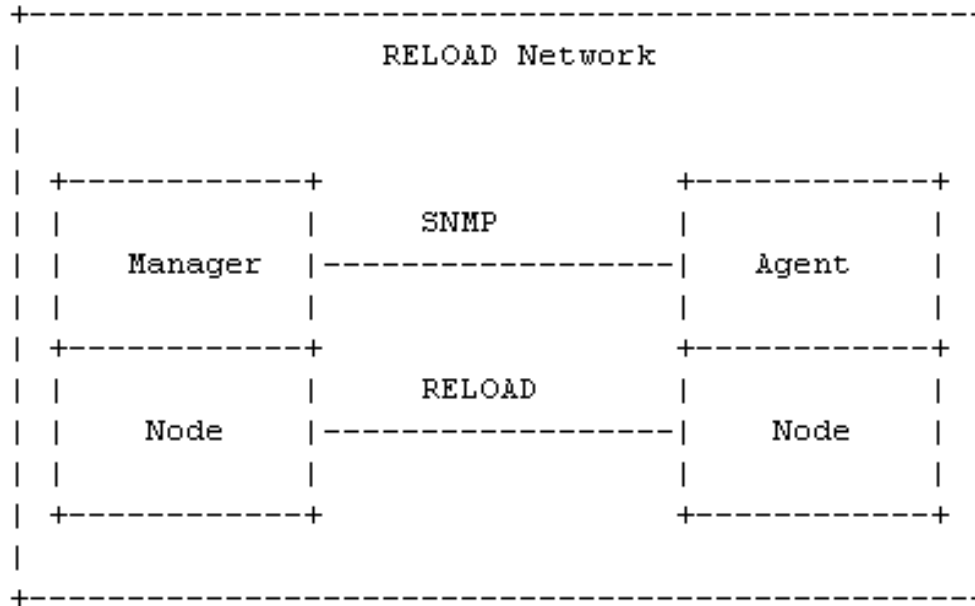
An SNMP Usage for RELOAD

draft-peng-p2psip-snmp-04
IETF #83

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Relation between SNMP and RELOAD



- SNMP is used to manage RELOAD overlay.
- SNMP application utilizes RELOAD to
 - Discover SNMP agents/managers
 - Establish connections

Current Status

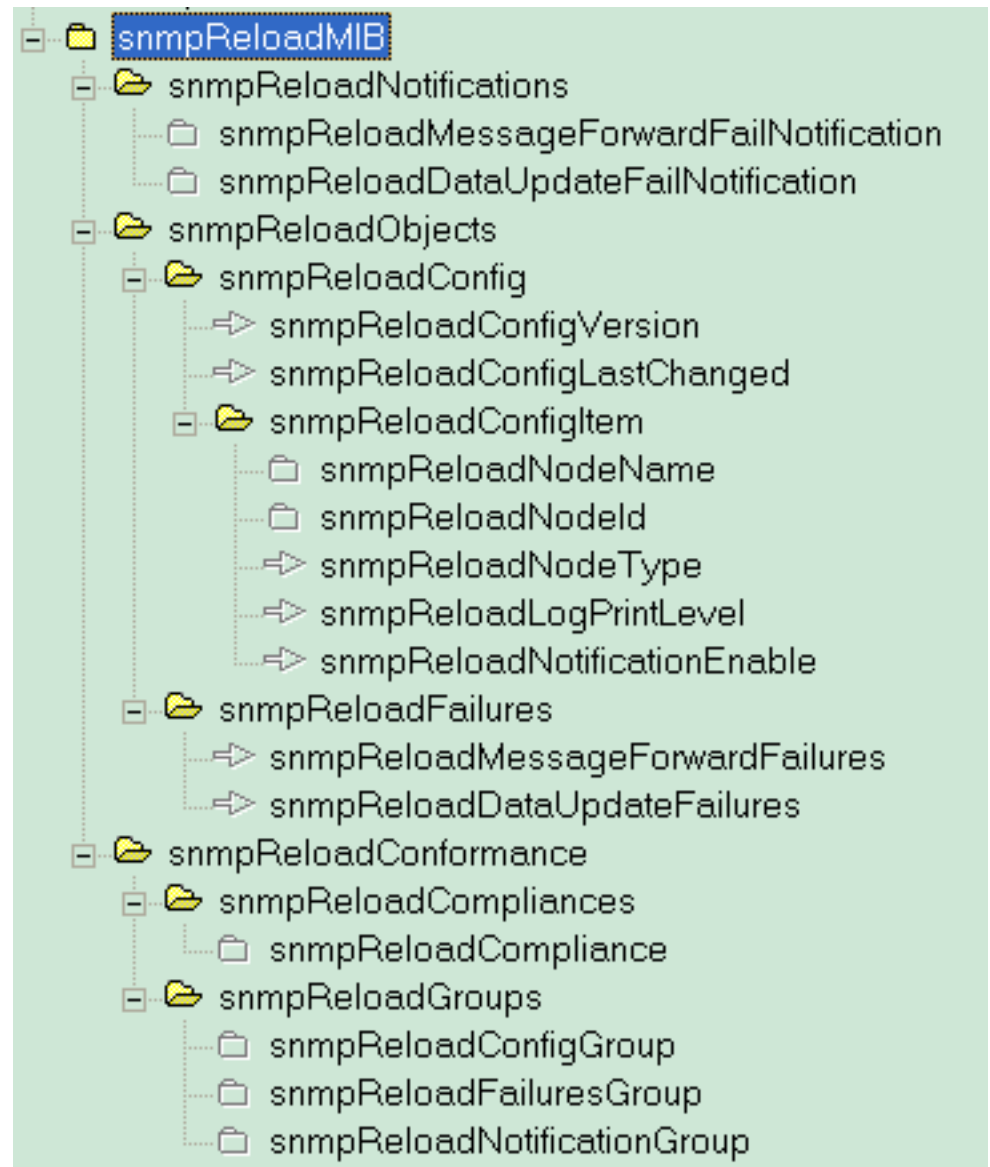
- Received many comments from P2PSIP and SNMP people
 - David A. Bryan, Eric Rescorla, Wolfgang Beck, etc
 - David Harrington, Dan Romascanu, Juergen Schoenwaelder, Tom Petch, etc
- All raised issues fixed
 - Scenarios clarified in another draft, draft-peng-p2psip-network-management-scenarios-03
 - Two issues fixed in 04

Changes since draft-peng-p2psip-snmp-03

- Fix two issues with the help of Juergen Schoenwaelder and Dan Romascanu
- Add some descriptions in the Introduction
 - Make it easier to be understood
- Define a basic MIB module for RELOAD

MIB for RELOAD

- SNMP objects
 - Node info
 - Node setting
 - Failure
 - Conformance



Next Steps

- Refine the document
- WG item?

Q&A

Thanks!

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Thanks!

Management Scenarios

	Internet	Carrier's dedicated network	Enterprise Network
Monitoring dedicated devices	Y	Y	Y
Gathering Network statistics	Y	Y	Y
Fault alarming	Y	Y	Y
Disposing malicious/fault user nodes	Y		Y
Controlling user nodes	Y		Y
Trouble shooting	Y	Y	Y
Control level	Loose	Strict	Medium

Relationship to diagnostics draft

- Diagnostics draft provides built-in mechanisms for network diagnostics
- P2P network management provide broader management capabilities
- Diagnostics mechanisms can be used by network management systems