IETF OPS & MGMT Area BoF

Ron Bonica

NANOG46

June 14, 2009
Disclaimer

- Opinions stated in this talk are those of the presenter
- They do not represent a consensus IETF position
Area Goals

• Produce standards for management technology
• Document operational best common practices
• Provide operational insight to other areas
Management Technologies

• Currently, the state of the art for configuration management is SSH and CLI
  – SNMP was never well suited for configuration

• NETCONF
  – An XML-based configuration protocol
  – Transaction oriented

• NETMOD
  – DML for NETCONF
Operational BCP Groups

- OPSEC
- DNSOPS
- MBONED
- V6OPS
- GROW
Operational Insights Offered to Other Areas

- draft-ietf-opsawg-operations-and-management
- OPS-DIR reviews
Self Evaluation

• Given a problem, the area is very good at driving it to a logical conclusion
• However, the area is not always very good at identifying the most significant problems
• Also, the area is not very good at determining whether the problems that they addressed in the past made any difference at all
  – Feedback mechanism is needed
What We Need

• Conduit to operations community so that they can tell us what problems are important
• Fast track to complete work in the timeframe that it is actually needed
• Feedback mechanism so that the operations community can tell us whether our output is useful
Q & A