

# Does the world still need generic management protocols?

**Panel session chair: Mark Ammar Rayes, Cisco Systems, USA**

## ABSTRACT

Existing management protocols include SNMP, TL-1, Syslog, CORBA, and XML-based protocols including IETF Netconf. While many protocols were initially intended to address specific functions, most have been extended into other areas in recent years. As a result, we often have competing protocols to address the same need, resulting in a confusing technology landscape. This panel will address:

- Do we need a single standard protocol to address the full FCAPS functions? If so, which is the right one? Or is having multiple standard protocols that complement each other preferable?
- XML is gaining a significant momentum in recent years. Should and can XML be used to replace the existing protocols (SNMP, Syslog, etc.)?
- Do we need a single information model? If so, which one? Or should standardization of information better be left out of the equation?
- What direction do standardization efforts need to take to enable further advances in the state of management in a way that has measurable impact on the way networks and services are managed and deployed?

### Panelists:

- Aiko Pras, University of Twente, The Netherlands
- George Pavlou, University of Surrey, UK
- Hector Trevino, Cisco Systems, USA
- Sean J. Vaughan, University of Washington