Were things better in the 1980s

• The US Government both worked on and wrote standards:
  – IETF (Internet Engineering Task Force)
  – POSIX (Portable Operating System Interface for UNIX)
• ANSI started with SCSI, (T10) and others
• Everyone was working together towards a common interoperability or hardware and applications
• US Government cannot work on standard
  – Henry’s example of common POSIX extended attributes for ILM, HSM, etc
• Vendors control POSIX standards and have no reason to make changes
  – It costs money and is hard
• T1x groups move forward to make needed changes to meet hardware and software interface device requirements
• SNIA (Storage Network Industry Association) talks a great deal but where is the beef?
Questions for the Panel

- There were some interesting comments about the need for variety of different feature functions in HSM (containers, fixity, migration etc).
- What standards and what bodies are going to standardize archival required functions and how do each of you see standards bodies and standards moving forward?