

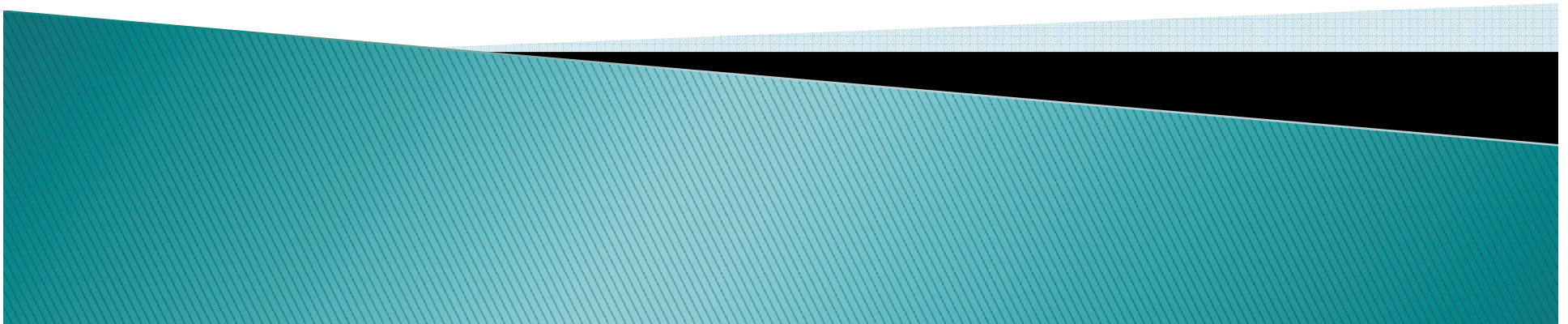
Storage Control Extensions – Update

IETF 80, Prague

David–EMC

Pranoop,Lakshmi–NetApp

Peng,Christos–VmWare

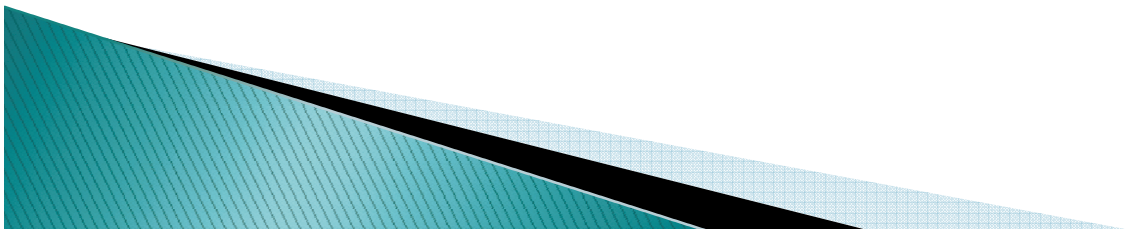


Status

- ▶ Submitted new draft
 - draft-dnoveck-storage-control-01
 - Addresses cosmetic changes
 - Deprecated in favor of below
- ▶ New set of NFSv4 WG drafts
 - Old draft does not show up under NFSv4 WG
 - Submitted two drafts
 - Replicas of deprecated drafts
 - Why two? Preserve the version history
 - draft-dnoveck-nfsv4-storage-control-01
 - draft-dnoveck-nfsv4-storage-control-00

Issues/Work In Progress

- ▶ IANA Considerations
- ▶ Security Considerations
- ▶ Property NameSpace Discovery
 - Servers advertize the namespace and property sets
 - Clients chose the property sets
 - New operations being discussed
- ▶ Small file applicability – Property Set
 - Property set identifier can be applied to multiple files
 - Thereby, reducing the overhead
 - Along with inheritance is powerful in terms of space and bandwidth footprint



Next Steps

- ▶ There is interest and Energy in the proposal
- ▶ However, time is needed to workout the details
- ▶ And, some of the considerations need some experimentation and implementation experience
- ▶ We would like to start with an experimental RFC rather than a standards track RFC

