

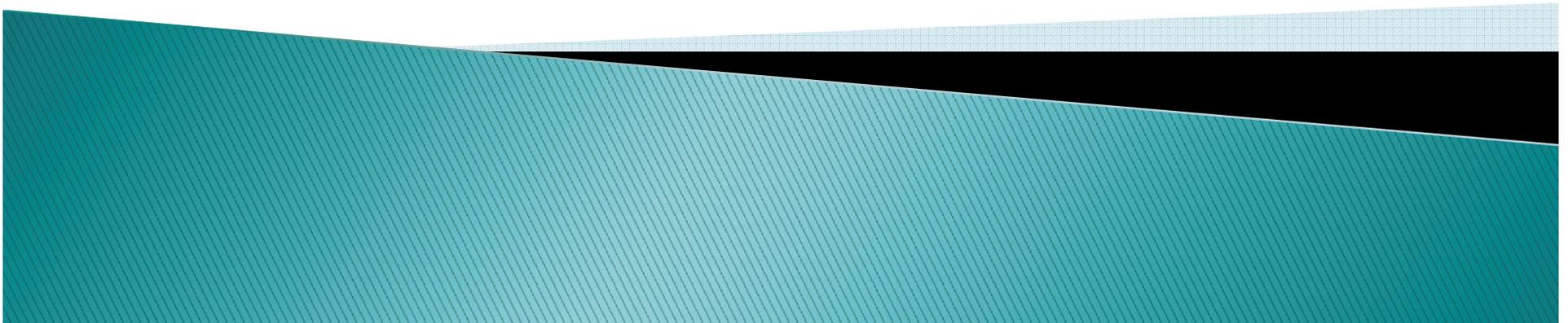
# Storage Control Extensions – Update

IETF 80, Prague

David-EMC

Pranoop,Lakshmi-NetApp

Peng,Christos-VmWare

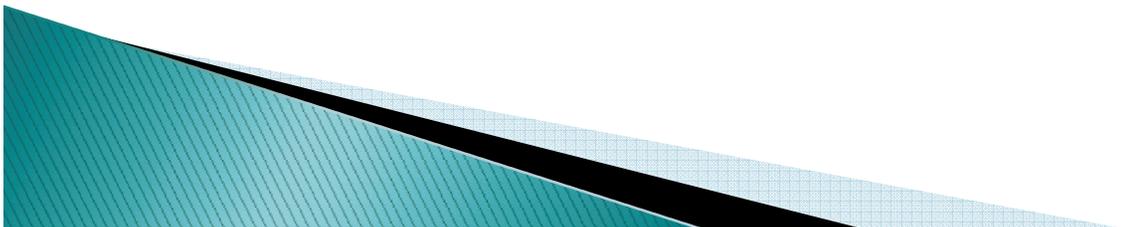


# Status

- ▶ 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

