# Training and Testing Resources
## for
## SNIA Emerald™ V4.0

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# Agenda

- Testing Resources for SNIA Emerald™ V4.0
- Training Resources for SNIA Emerald™ V4.0 Testing
- Additional Information for Emerald Testers

# Testing Resources for SNIA Emerald™ V4.0

- *SNIA Emerald™ Specification V4.0.0*
- SPEC SFS 2014 and File Access Load Driver Config File
- Vdbench and scripts for testing
- COM Test Data Set Generator
- What Has Changed? V3.0.3 to V4.0.0
- User Guide for Specification V4.0.0
- Test Data Report Template (updated for V4.0.0)
- Tester's Kit : .zip file of most of the above
- [www.sniaemerald.com/download/Spec_v4.0](http://www.sniaemerald.com/download/Spec_v4.0)

# Training Resources for SNIA Emerald™ V4.0

- ◆ **Slides and recordings of this webinar**
  - ◆ www.sniaemerald.com/education/vendor-training

- ◆ **Training resources for Emerald V3 are a pre-requisite**
  - ◆ Slides and recordings: www.sniaemerald.com/training/emerald_v3.0
  - ◆ These slides and recordings emphasize file testing, new in V3.
    For a more targeted treatment of block testing, see
    - › www.sniaemerald.com/training/July2014
    - › www.sniaemerald.com/training/July2015

# Additional Information for Emerald Testers

◆ **Background on enterprise storage**

　◆ Enterprise Storage Primer: Parts 1 through 4

　◆ www.sniaemerald.com/training/emerald_v3.0

◆ **SPEC SFS videos – relevant to file testing**

　◆ *Application-Level Benchmarking with SPEC SFS 2014*

　◆ *Using SPEC SFS with the SNIA Emerald Program for EPA Energy Star Data Center Storage Program*

　◆ *SPEC SFS 2014: An Under-the-Hood Review*

　◆ *Available at:* www.spec.org/sfs2014/presentations/index.html

# Questions?

◆ Questions?

◆ Thank you.