



Some Improvements to the Emerald Specification coming on version 2.1.0

Herb Tanzer
Carlos Pratt

SNIA Emerald™ Training

*SNIA Emerald Power Efficiency
Measurement Specification,*
for use in EPA ENERGY STAR®

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Some Key Improvements

- NearOnLine and OnLine are on the same clause
 - ◆ Areas where they are different are highlighted and explained
- Stability test
 - ◆ Better defined
 - ◆ Less stringent
 - ◆ Allows a less onerous method to pass stability
- COMs
 - ◆ Thin provisioning improved method
 - › Modified for newer technologies
- Conditioning
 - ◆ Under discussion
- Updated power and temperature meters based on SPEC

Initial Look to Version 3.0

- Inclusion of OnLine 5 and OnLine 6

- Inclusion of Filers and Object storage
 - ◆ New benchmark for Filers and Object Storage
 - ◆ Working with SPEC on the benchmark
 - ◆ Not the same as for Online systems

- Update to the Taxonomy
 - ◆ To support Filers and Object storage

Thank you

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- ◆ Thank you
 - › Thank you
 - Thank you
 - Thank you