Next Great Breakthrough in Flash

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Disclaimer

- **Views expressed are my own:**
  - Not necessarily shared with my employer: Toshiba Memory America
  - Not to be construed as product roadmap or product commitment

- **Forward looking statements on technology may be wrong:**
  “Spam will be a thing of the past in two years’ time.”
  - Bill Gates, 2004

- **Forward looking statements on technology may be right:**
  “Computers in the future may weigh no more than 1.5 tons.”
  - Popular Mechanics, 1949
Storage has moved to the cloud…

NVMe™ SSD shipments (units or capacity…)

- Hyperscale
- Everyone else
Questions to Industry:

• Why does practically every hyperscaler also have an “in house” SSD design/build program?

• Will the requirements of the hyperscalers drive the creation of new types of SSDs?

• Will the “Next Great Breakthrough in Flash” be new ways of interacting with Flash and new functionality tailored to the needs of the hyperscalers?