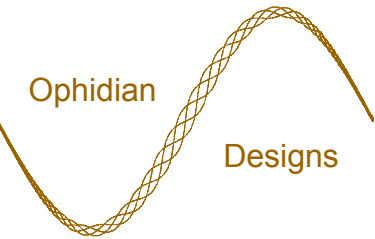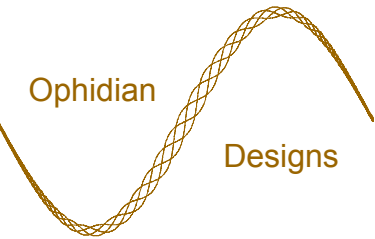# SVP's Relationship to Infiniband™

- Working with IBTA Application Working Group (AWG) on use of SVP as storage class device protocol for Infiniband™.

- AWG has been instructed to operate under the following guidelines or goals:
  - Influence ANSI T10 SVP doc for IB needs
  - Align [recommended IB protocol for booting from storage devices] to be proper subset of SVP
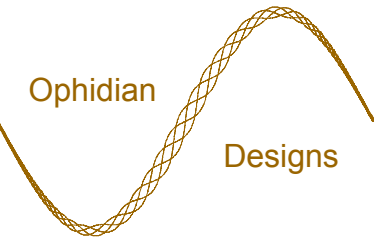 - Reference T10 SVP in [IB application protocol documentation]

SVP's Relationship to Infiniband™

- Plan to describe use of SVP on Infiniband in SVP specification annex.
  - Could be separate document, but doesn't appear large enough to warrant doing so.
- Additional information (profile) will be in IBTA/AWG documentation.
  - Primarily focussed on booting.
  - Leaning towards requiring 64-bit LBA support.
- AWG has requested that I bring several issues to T10 for approval or clarification.

Issues

- IBTA's specification schedule goals are more aggressive than SVP's.

- Multi-connection sessions: (AWG, others).
  - May have proposal in November.

- AWG/Compaq interest in some form of initiator-associated storage partitions / protection.
  - I can't make sense of this.

- Scatter/gather data transfers
  - IMO a bad idea, trying to talk them out of it.

Schedule

Ophidian

Designs

- Most Infiniband™ documentation should be released to public in late September.

  – IB application protocol documentation is not yet complete, will be released later.

- Plan to issue SVP revision, incorporating Infiniband ™ annex, in late October. Goal is to request letter ballot no later than January.

- IBTA Developer's Conference October 24-26 in Las Vegas (open to public).

  – asking for / expecting session on SVP.