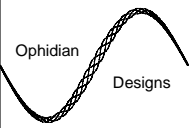


SVP-r01 Status

- SVP-r01 includes essentially all the content of prior presentations (99-316r1, 00-172r0, 00-240r0), plus some changes and additions.
- Request comments on structure and clarity as well as technical content.

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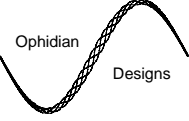


SVP-r01 Changes

- Editorial improvements (I hope :-).
- Task Tag increased from 16 to 32 bits.
- RequestLimitDelta changed from 8 to 32 bits (formerly called TRD_Count_Increment).
- IU type code value assignments.
- IU lengths: larger fields, more reserved fields.
 - 64 byte command, 40 byte error free response.
- Data Virtual Address, Memory Handle, Length layout changed to match Infiniband™.

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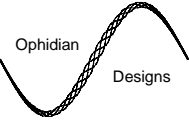
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SVP-r01 Additions

- **IU length negotiation**
 - Unexpectedly long IUs break VI connections.
 - Negotiates support for long CDBs or sense data.
- **Connection Establishment discussion**
 - Requires login request/response as first IUs on new connections.
- **Placeholders for security challenge/response.**
 - Intend to define default response to allow such functions to be gracefully added later.

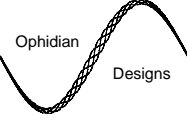
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Future Plans

- **Complete SVP to SAM-2 mapping**
 - equivalent of FCP-2 annex A
- **Infiniband mapping annex**
 - Partial mapping in September, based on existing public presentations. Will be completed after IB v1.0 spec is published.
- **Define default response to unrecognized security challenges.**
- **Any requested informative annexes.**

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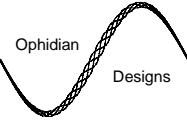


Future Possibilities

- Following have been suggested by various people, proposals may be forthcoming.
- Multiple VI connections in a single SVP session (multiple connections per I_T nexus).
 - E.g., commands on a reliable connection, audio/visual data on an unreliable connection.
- Security model discussion or enhancements.
- Naming service (target discovery) model.

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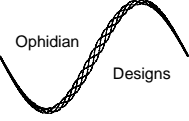


Anticipated Spec Outline

- 1 Scope
- 2 Normative References
- 3 Definitions and Abbreviations

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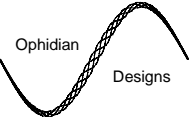
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Anticipated Spec Outline

- 4 Structure and Concepts
 - 4.1 Overview
 - 4.2 Information Unit Classes
 - 4.3 Information Unit Flow Control
 - 4.4 Connections and Sessions (new)
 - 4.5 Connection Establishment (changes)
 - 4.6 Information Unit Length Negotiation
 - 4.7 Security Model (new)

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Anticipated Spec Outline

- 5 SVP Information Units
 - IU formats
- Annex A SVP to SAM-2 Mapping (normative)
- Annex B Infiniband Mapping (normative)
- Annex C... Informative Examples?

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