

Proposed Enclosure Profile  
Document Outline

97-252r0

Model

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Redundant RAID Controllers

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Reserving Devices

What does it mean

RAID controller (LUN\_Z)

Enclosure

Persistent Reservations

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Enclosures

Preferred SES Access Model

Sub-Enclosures

(Representation of modular RAID sub-systems)

Requirements from SCC-2

Requirements from SES

## Device Discovery

### WWN Usage

#### Controllers

##### Initial

##### Hot swapping

### Volumes Sets

##### Initial

##### Hot swapping

### Devices and components

##### Initial

##### Hot swapping

### REPORT LUNS usage

### LUN\_Z usage

#### LUN\_Z not equals 'array controller device'

#### Which device

#### Read only

#### Which Commands

## RAID Volume Set Configuration

### (SCC-2 simple configuration model)

#### LUN creation

#### LUN deletion

#### LUN expansion

#### Spare

##### (hot drive spare only)

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## RAID Volume Set Monitoring

### LUN Status Reporting

### Device and Component Reporting

## RAID Controller Configuration

## RAID Controller Monitoring

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Enclosure Management

- Configuration detection (& sub-enclosures)
- Configuration changes

Enclosure Monitoring

- Use of Severity Definitions
  - Informational, Non-Critical, Critical, Unrecovered
- Polling vs. Pending Request etc.