Visual SCSI Explorer

Release Notes

Version 2.9

Contents

1. Introduction

The release of Visual SCSI Explorer version 2.9 is targeted for the following goals and objectives:

- Integration of service procedures into test procedures as test modules.

- New service procedures for direct and sequential access devices.

- Limited support of SCSI Enclosure Services (SES) commands and parameters.

- New commands and parameters for supported device types.

- Improved diagnostic of SCSI errors.

- Other improvements and bug fixes.

2. New features

- Windows Server 2022 support.

- Integration of service procedures to test procedures. Service procedure can be executed as test module.

- Support of the SCSI Enclosure Services commands and parameters.

- Disk Boot Sector Analysis service procedure for direct access devices.

- Tape Read Test service procedure for sequential access devices.

- Report Timestamp (A3h/0Fh) command support for all device types.

- Set Timestamp (A4h/0Fh) command support for all device types.

- Report Identifying Information (A3h/05h) command support for all device types.

- Report Supported Operation Codes (A3h/0Ch) command support for all device types.

- Report Supported Task Management Functions (A3h/0Dh) command support for all device types.

- Report Target Port Groups (A3h/0Ah) command support for all device types.

- Read Long (16) (9Eh/11h) command support for direct access devices.

- Write Long (16) (9Fh/11h) command support for direct access devices.

- Write And Verify (10) (2Eh) command support for direct access devices.

- Write And Verify (12) (AEh) command support for direct access devices.

- Write And Verify (16) (8Eh) command support for direct access devices.

- Write And Verify (32) (7Fh/000Ch) command support for direct access devices.

- DT Device Status (11h) log page support for sequential access devices.

- Read Dynamic Runtime Attribute (A3h/1Eh) command support for sequential access devices.

- Write Dynamic Runtime Attribute (A4h/1Eh) command support for sequential access devices.

- Generate Recommended Access Order (A4h/1Dh) command support for sequential access devices.

- Receive Recommended Access Order (A3h/1Dh) command support for sequential access devices.

- Read Buffer Capacity (5Ch) command support for multi-media devices.

- Send Cue Sheet (5Dh) command support for multi-media devices.

- Set CD Speed (BBh) command support for multi-media devices.

- Synchronize Cache (35h) command support for multi-media devices.

- Write (12) (AAh) command support for multi-media devices.

- Write And Verify (10) (2Eh) command support for multi-media devices.

- Set Streaming (B6h) command support for multi-media devices.

- Showing bus and target properties for selected port object.

- Extended Inquiry Data (86h) VPD page support for all device types.

- Mode Page Policy (87h) VPD page support for all device types.

- SCSI Ports (88h) VPD page support for all device types.

- Protocol Specific Logical Unit (18h) mode page support for all device types. This page is supported only for Mode Sense (X) commands and Fibre Channel Protocol for SCSI (FCP).

- Protocol Specific Port (19h) mode page support for all device types. This page is supported only for Mode Sense (X) commands and Fibre Channel Protocol for SCSI (FCP).

3. Improvements

- Text localization support for Write Attribute (8Dh) command.

- Parsing of Medium motion hours for each medium type (1000h) log parameters in Device Statistics (14h) log page for sequential access devices.

- Printing of textual description of version descriptor fields in Standard Inquiry Data.

- Printing of textual description of ASC/ASCQ codes.

- Improved logging of page codes and names for Supported Diagnostic Pages (00h) diagnostic page.

4. Fixes

- Fix for the problem when Disk LBA Map Test always shows 100% completeness for read and verify stage of the test.