



OC-8200

Integrated Testing Appliance for the TR-069 CPE Wan Management Protocol

Enabling testing and verification of Broadband Forum TR-069 CPE Wan Management Protocol interoperability and features for developers, lab testers and field engineers Providing troubleshooting and diagnostics tools to ease the implementation of TR-069 and related specifications

Features

A Complete Testing Suite

The test appliance "OneCentric 8200 (OC-8200)", comprised of tester software "OneMS IOP Center for TR" and IPC, integrates everything you need to test and verify interoperability of the TR-069 protocol and related specifications. This specialized ACS includes tracing and debugging facilities down to packet-level capturing of protocol sessions.

Automation and Reporting

With built-in capabilities for complete automated testing of feature sets and specification, including the widely used PD-128 testing specification, OC-8200 provides a cost effective way of testing protocol adherence or verifying customer requirements.

OneCentric 8200 provides automated generation of testing reports in a convenient PDF format, giving you a fast and reliable way of documenting CPE capabilities.

Ease of Use

Using an intuitive and easy-to-use web based graphical user interface, OC-8200 provides unsurpassed effectiveness in testing and analyzing CPE implementations. Being a completely integrated testing tool, OC-8200 can be used in both lab environments and as a portable unit for field engineering.

Assist Network Deployment

With enabling TR-143 Active Monitoring functions, OC-8200 is able to be a test server for Network throughput performance on both Network Initiated Diagnostic and CPE Initiated Diagnostic to help service provider optimize network deployment.

Product Summary

Testing Support

- Catch objects and parameters from device with unknown TR Capable Data Model
- Individual Object Test
- Connection Request (TCP/UDP)
- Auto-Testing (Batch Mode Testing)
- Test Scripting
- Broadband Forum PD-128 Test Specification
- Authentication Testing (Basic, Digest, Certificate)
- Get Parameters
- Set Parameters Testing
- Firmware and File Download
- File Upload
- Inform Capture
- Packet Capture (Wireshark/Ethereal Compatible)
- Session Cookie
- Device Reboot
- Device Factory Default
- Schedule Inform centric
- Custom Data Object Models
- Vendor-Specific Extensions-

Reporting

- On-the-fly Parameter Display
- Auto-Report Generation (Adobe PDF format)

Management

- Web-based Graphical User Interface
- Front LCD-Panel for easy setup
- Multiple User Accounts

Specification Overview

Broadband Forum Specifications

- TR-069 Amendment 2
- TR-098 Amendment 2
- TR-106 Amendment 2
- TR-098 and TR 106 derived object models (such as TR-104, TR-135, TR-196)
- TR-111
- TR-143 Cor1, enabled as Test Server
- TR-064, including PC CPE-simulator for LAN Devices
- PD-128 v9

Security Methods

- SSL 3.0/TLS 1.2
- Support DES/3DES/AES/SHA-1/MD5 cryptography Algorithms

Browser Support for remote operation

- IE 6/7
- FireFox 2/3

Network Support

- NET1: 10/100Base-T Ethernet, full-duplex RJ-45 auto MDI/MDIX Support
- NET2: 10/100/1000Base-T Ethernet, full-duplex RJ-45 auto MDI/MDIX Support
- Built-in Configurable DHCP Server

Physical and Environmental Specifications

- Support Dimensions: 226(L) x 340(W) x 88(H) mm
- Weight: 4460 grams
- Operation Temperature: 0° to 50° Celsius
- Humidity: 20% to 95% (Non-Condensing)

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