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AdventNet Simulation Toolkit

Hits: 1,046

Description: AdventNet Simulation Tool comprises easy-to-use, GUI-based agent simulator and network simulator for testing, training and demonstration of network management applications. The network simulator enables network simulation of SNMP (v1, v2c, v3), TL1, TFTP, FTP, Telnet and Cisco IOS devices, on a single PC.

Simulation Toolkit provides Network Recorder and Trap Recorder to record and replay real SNMP networks and traps and create simulations of actual devices of your network. Devices can be configured at run-time, both on individual and collective basis.

The tool allows bulk addition of devices with unique IP address and port , bulk modification of device properties like IP address, port number and MIB values, advanced modeling of agent/network behavior and trap generation, customization of SNMP request/response PDUs.

The agent/network management through RMI provides solution for automated testing.

Ability to simulate 50000+ agents simultaneously for scalability testing, trap simulation for fault management testing, configuration of device values and simulation types for performance testing, behavior simulation for testing realistic/negative test scenarios across network devices, start/stop of network at runtime, automated network simulation and easy-to-use GUI enables full-fledged simulation of large networks.

Resource Specifications

Version:	5.0
Platform(s):	linux, windows, sun
Date Added:	Mar 29th, 2005
Last Updated:	Mar 29th, 2005
Author:	Latha

Average Visitor Rating:  **3.00** (out of 5)

Number of Ratings: 2 Votes

Average Member Rating:  **5.00** (out of 5)

Number of Reviews: 1 Reviews *Read Reviews...*

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SNMP Agent /Network Simulator, Apr 5th, 2005

Reviewed By: Slatha

A very good tool to simulate a network. Provides support for complete customization of the network behavior, extensibility and scalability.