



Veryx ATTEST™ NAT Functional Test Suite DATASHEET

Veryx ATTEST™-XP Layer 3 NAT Functional Test Suite is a feature-rich automated software testing solution for functional verification of Network Address Translation in IPv4 Access Gateways.

QUICK FUNCTIONAL ETHERNET SWITCH TESTING

Veryx ATTEST-XP Layer 3 NAT Functional Test Suite is based on ATTEST, a powerful framework that makes testing and debugging faster and easier.

Veryx ATTEST-XP Layer 3 NAT Functional Test Suite performs functional testing of IPv4 access gateways supporting NAT. It consists of 175 functionality tests covering key areas such as:

- Static NAT
- Dynamic NAT
- NAT-ALGs
- NAT with DHCP interactions
- NAT Port Forwarding
- IP Masquerading

The test cases execute in an automated manner in ATTEST - a powerful test framework that requires minimal time for set-up and enables efficient use of time and resources.

PROTOCOLS VERIFIED

- NAT (RFC 3022, 2663)
- NAT-ALG verification:
 - * FTP
 - * TFTP
 - * Netbios
 - * SIP
 - * H.323

Related Veryx ATTEST Products:

Functional Test Suites

- * ATTEST-XP Enterprise Security
- * ATTEST-XP Layer 3 IPv4 Unicast
- * ATTEST-XP Layer 2

Conformance Test Suites

- * Layer 2: RSTP, MSTP, VLAN, IGMP Snooping etc.
- * Layer 3: IPv4, OSPF, PIM, IPv6, BFD-MPLS etc.

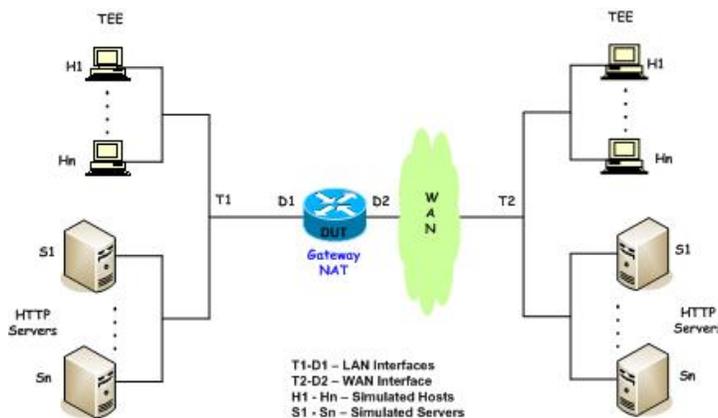


Figure 1. A Sample NAT Test Topology

Contact us for Demo or Evaluation



About Veryx Technologies

Veryx Technologies (formerly Net-O₂ Technologies) provides innovative Verification and Measurement Solutions for the global communications industry. ATTEST solutions verify networking equipment being used for Access, Carrier Ethernet, Data Center, Edge, Enterprise, Industrial and Security. The unique offerings from Veryx enable customers to reduce the "time-required-to-test" and enhance their "time-to-market".

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