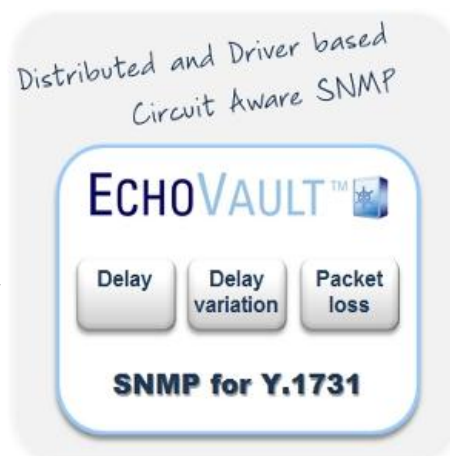


Creanord EchoVault™ 5.0 brings SNMP for Y.1731

Antwerp / Breda / Le Vésinet / Munich – August 19, 2011—Tucana's partner Creanord introduces the release of EchoVault™ 5.0

SNMP Collection for Y.1731 and Driver for RAD ETX-204A

Managing how well your network operates is the basis to providing good quality to customers. Measuring network performance is the means to be able to manage network quality. Y.1731 is rapidly becoming the standard of choice for Carrier Ethernet, as it provides a comprehensive solution for performance management and a standardized way to measure network characteristics. In multi-vendor environments a broad range of equipment support helps reduce management complexity and bring the benefits of near real-time visibility into the service. SNMP is a widespread protocol for result collection from network equipment. EchoVault 5.0 brings a powerful and distributed framework for Ethernet result collection through SNMP. The framework provides rapid driver-based integration to various Y.1731 data sources through SNMP v1, v2c and v3 protocols including SHA and MD5 authentication and AES and DES privacy.



With Y.1731, delay, delay variation and packet loss data is collected from the nodes. SNMP nodes can be added to EchoVault by selecting "External SNMP Agent" in the Add a New EchoAgent page. Then MEP/MEG and SLA-Meter and Y.1731 configurations can be added with the same familiar workflow as for any other EchoVault managed node. End-users get immediate visibility into their service via the SLA Portal.

Release 5.0 brings driver support for Y.1731 for RAD ETX-204A Ethernet demarcation device, with firmware 2.0 or newer.

Performance testing with UDP Echo and Ping to 1000 targets



The EchoVault UDP Echo Client tests measure network performance and availability. These tests send UDP test packets from the EchoAgent to specified targets such as Cisco and Juniper routers and Unix hosts running UDP Echo service or loopback devices assigned for this purpose. The tests comply with RFC 862 and now utilize hardware time-stamping engine in the NID/NODEs for 1 microsecond accurate results when supported by the NID firmware. This test policy also provides an option to configure Differentiated Services Code Point (DSCP) to the test packets in order to test Quality of Service (QoS) conformance. Further, EchoVault 5.0 extends the capacity to allow UDP Echo

Client tests to up to 1000 targets for MetroNODE and 250 targets for MetroNID. EchoVault also allows bulk uploading targets from a file to ease adding targets.

ICMP Echo Client test, commonly known as Ping, for NID and MetroNODE is for testing network availability and packet loss using ICMP Echo request messages (as defined in RFC 792). In addition to packet loss the test reports round-trip delay and delay variation. Ping test is useful where UDP Echo Client or SLA-Meter testing is not feasible, such as in cases where testing is required against targets such as DSL modems, Network Printers or other network resources with limited functionality.

More information:

Ramon Mutsaers
Tel: +31 76 5794 115
ramon.mutsaers@tucana.com



Tucana Telecom is a value added distributor of test, measurement and access solutions, for advanced protocol analysis and network management, in (mobile) telecommunications networks. Tucana Telecom offers indispensable support to operators and telecom OEMs, during the development phase of new products and services and during installation and management/ maintenance of the network. The staff is specialised in WiFi, WiMAX, LTE, UMTS, GPRS, GSM, SS7, V5.x, ISDN, VoIP, SDH/Sonet. The enhanced service program comprises consulting, all-in maintenance contracts, hands-on training sessions and helpdesk. The company has offices in Belgium, France, Germany and The Netherlands.

Belgium – Tucana Telecom NV – Miraeusstraat 10 – B2018 Antwerp – Tel: +32 3 237 6326 - Fax +32 3 216 1587

France – Tucana Telecom SAs – 129/137 Boulevard Carnot – 78110 Le Vésinet – Tel: +33 1 3009 2090 - Fax +33 1 3009 1061

Germany – Tucana Telecom GmbH – c/o Keller-Menz Rindermarkt 3+4 – D80331 Munich – Tel: +49 89 540 30 969 - Fax +49 89 540 30 959

The Netherlands – Tucana Telecom BV – Minervum 7446K – 4817 ZG Breda – Tel: +31 76 5794111 - Fax +31 76 5811619

info@tucana.com
www.tucana.com