uLinga for X.25

Continue to support X.25 connectivity on all NonStop servers including NonStop X servers and without requiring SWANs

For today's organizations, older technologies like X.25 represent an increasing obstacle, significantly restricting infrastructure flexibility and increasing complexity and administrative overhead. Now, with uLinga from comforte 21, organizations with HPE NonStop servers can quickly, efficiently, and reliably migrate from X.25 to TCP/IP, and so enjoy reduced costs and increased flexibility – while ensuring application integrity.

Purpose

uLinga for X.25 enables NonStop users to migrate their network of X.25 client devices/terminals seamlessly from X.25 to TCP/IP – without the need to change mission-critical applications or the client interface relied upon by users. With uLinga, organizations can standardize on the open TCP/IP standard and achieve greater operational efficiency. uLinga for X.25 is an implementation of the XOT (X.25 over TCP/IP) protocol which enables the legacy X.25 protocol to be run over TCP/IP networks.

Features

- **XOT support**
  X.25 over TCP/IP (XOT) support has been embedded in the uLinga for X.25 processor routers, all network traffic from the X.25 Client or Servers will terminate inside uLinga for X.25 processes. uLinga for X.25 supports connections to both X.25 Client devices and with X.25 Servers where X.25 traffic needs to be transported over TCP/IP.

- **Online configuration and management**
  uLinga for X.25 offers online configuration capabilities that dramatically streamline the deployment process for administration; routers connected to the HPE NonStop server can be configured as regular TCP/IP routers and require no additional services or features.

- **NonStop platform integration**
  Featuring support of the X25AM PTP interface as well as all the standard NonStop interfaces such as $RECEIVE and TCP/IP Sockets
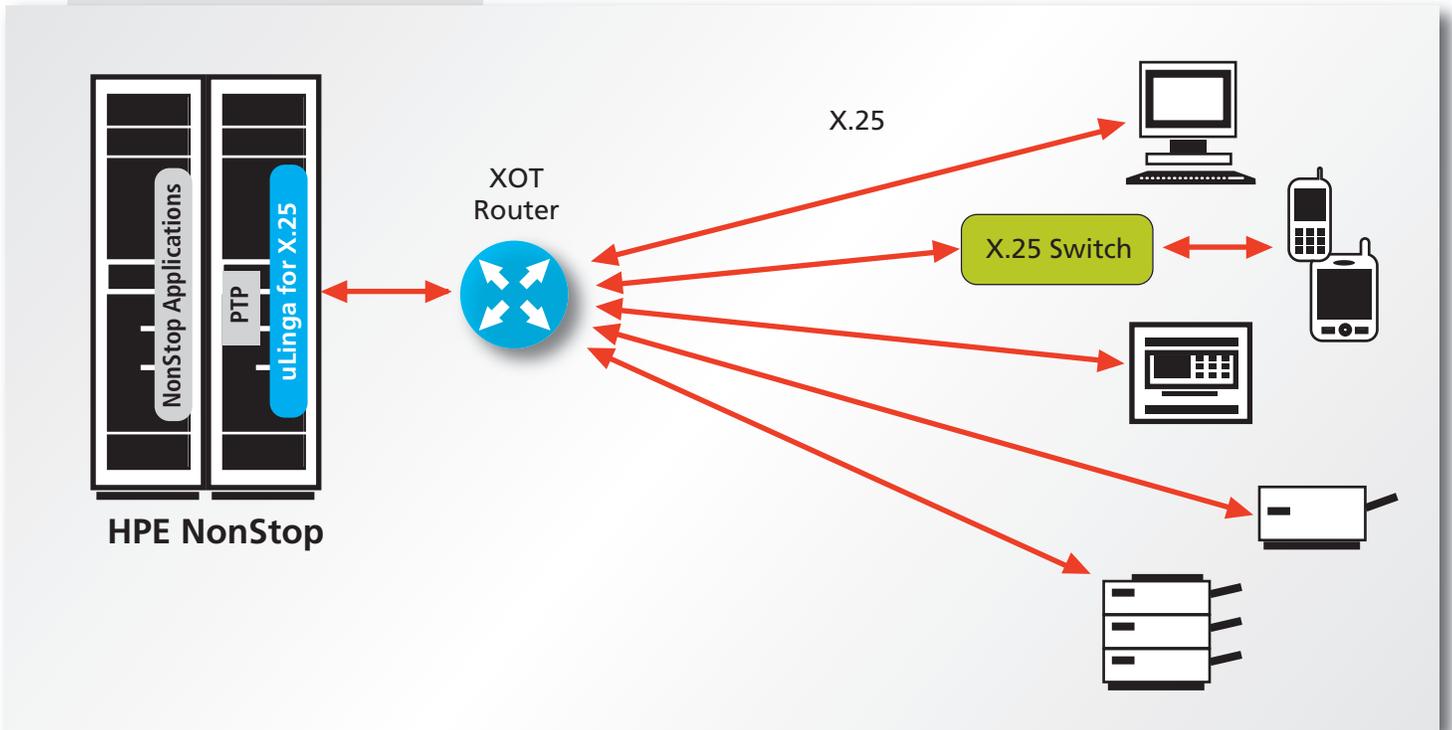
Key Features

- **Seamless integration with existing applications**
  requiring no application changes

- **Easy set up**
  through online configuration, with no application changes required.

- **Support for native NonStop interfaces**
  including Raw Socket and $Receive.

- **Built-in tracing facilities**

- **Standard NonStop logging facilities**
  enabling integration with existing logging and reporting processes.

- **X25AM PTP**

System Requirements

NonStop System
- G06.27 or later
- H06.07 or later
- J06.04 or later
- L15.02 or later

Architecture

X.25

XOT Router

X.25 Switch

HPE NonStop

NonStop Applications

PTP

uLinga for X.25

Benefit

■ Runs on any NonStop server including NonStop X

■ Replaces SWAN boxes (which are now EOL) and X25AM software (which is not available on NonStop X)

■ Becomes a standardised, supportable interface

■ **Minimize integration risk and effort.** No changes to application code is required on NonStop.

■ **Boost flexibility.** By adopting the modern, industry-standard TCP/IP protocol, organizations can enjoy far more flexibility in adapting their infrastructure and applications to address evolving business requirements.

■ **Simplify management; strengthen security.** By adopting TCP/IP, organizations can leverage the platform manageability already in place and can harness far more security options, such as SSL, to more rigorously and consistently enforce security standards.

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