

## uLinga for DLSw

Migrate networks of SNA clients from SNA to TCP/IP via DLSw support on NonStop

*For today's organizations, proprietary technologies like Systems Network Architecture (SNA) represent an increasing obstacle, significantly restricting infrastructure flexibility and increasing complexity and administrative overhead.*

*Now, with uLinga from comForte\*, organizations with HP NonStop servers and IBM mainframes can quickly, efficiently, and reliably migrate from SNA to TCP/IP, and so enjoy reduced costs and increased flexibility – while ensuring application integrity.*

### Key Features

- **Seamless IBM integration**  
featuring support for the CICS IP Intercommunications protocol.
- **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.
- **Support for native NonStop interfaces**  
including SNALU, HLS Raw Socket and \$Receive.

### System Requirements

- **NonStop System**
- G06.21 or later
- H06.07 or later
- J06.04 or later

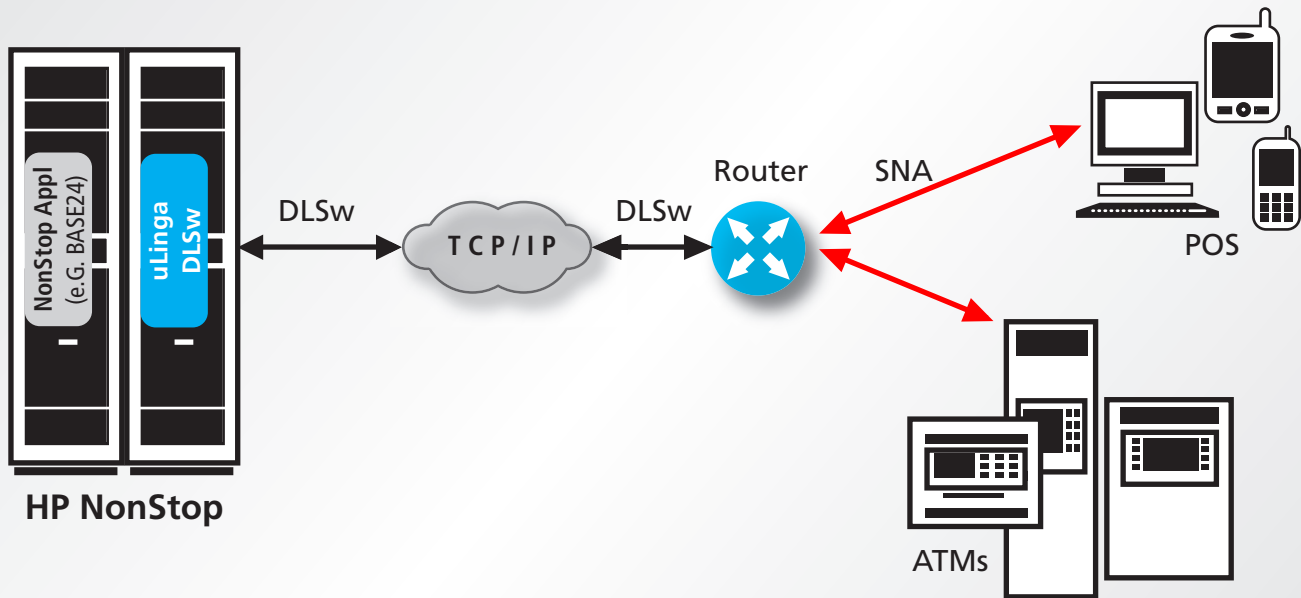
### ■ Purpose

uLinga for DLSw enables NonStop users to migrate their network of SNA client devices/terminals seamlessly from SNA 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, reduced SNA infrastructure costs and streamlined administration.

### ■ Features

- **DLSw support.**  
uLinga for DLSw has been implemented on NonStop and requires no DLSw code on the data center routers, all network traffic from the SNA Client devices will terminate inside uLinga for DLSw processes. There will be no differences however, whether the DLSw connections are with an SNA Client device or with an SNA Server – uLinga for DLSw will support any configuration where SNA traffic needs to be transported over TCP/IP.
- **Online configuration.**  
uLinga for DLSw offers online configuration capabilities that dramatically streamline the deployment process for administration; routers connected to the HP NonStop server can be configured as regular TCP/IP routers and require no additional services or features.
- **NonStop platform integration.**  
Featuring support of the HLS and SNALU API's with additional API's to be supported in upcoming releases.

## ■ Architecture



## ■ Benefits

- **Reduce costs.** uLinga for DLSw enables organizations to seamlessly migrate from SNA to TCP/IP, simplifying administration and eliminating the need to retain costly SNA infrastructure including DLSw code on data center routers
- **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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