uLinga for CICS

Migrate from SNA to TCP/IP – Safely and Easily

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 21, organizations with HPE 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.

Purpose

uLinga for CICS enables NonStop users to migrate their applications communicating with IBM CICS applications seamlessly from SNA to TCP/IP – without jeopardizing the integrity of the mission-critical applications that rely on SNA today. With uLinga, organizations can standardize on the open TCP/IP standard, and achieve greater operational efficiency, reduced SNA infrastructure costs and streamlined administration.

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.

System Requirements

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

- **IBM zSeries Mainframe System**
- zOS V1.7
  CICS Transaction Server for z/OS V3.2 or later

Features

- **CICS support.** uLinga for CICS has been implemented on NonStop as a peer addres sing both Client and Server access, to IBM's CICS IP interconnectivity routine.
- **Online configuration.** uLinga for CICS offers online configuration capabilities that dramatically streamline the deployment process for administration.
- **WebCon management and control.** uLinga is shipped with an embedded facility to allow management and control of the process through a web browser such as Internet Explorer™ or Firefox™. This provides the user with an intuitive graphical interface to enable administration and management of the uLinga process. To secure this facility, TLS 1.2 support has been inbuilt into the uLinga executable.
- **NonStop platform integration.** NonStop platform integration. Featuring support of the SNAX/HLS, SNAX/APC, SNALU, Raw Sockets, Pathsend and IPC interfaces. Support for additional interfaces will be provided as needed.

Benefits

- **Reduce costs.** uLinga for CICS enables organizations to seamlessly migrate from SNA to TCP/IP, simplifying administration and eliminating the need to retain costly SNA infrastructure.
- **Minimize integration risk and effort.** Changes to application code is contained with no changes required on NonStop and depending on the programming model followed, limited to no change to the application code on the IBM mainframe.
- **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 leve rage 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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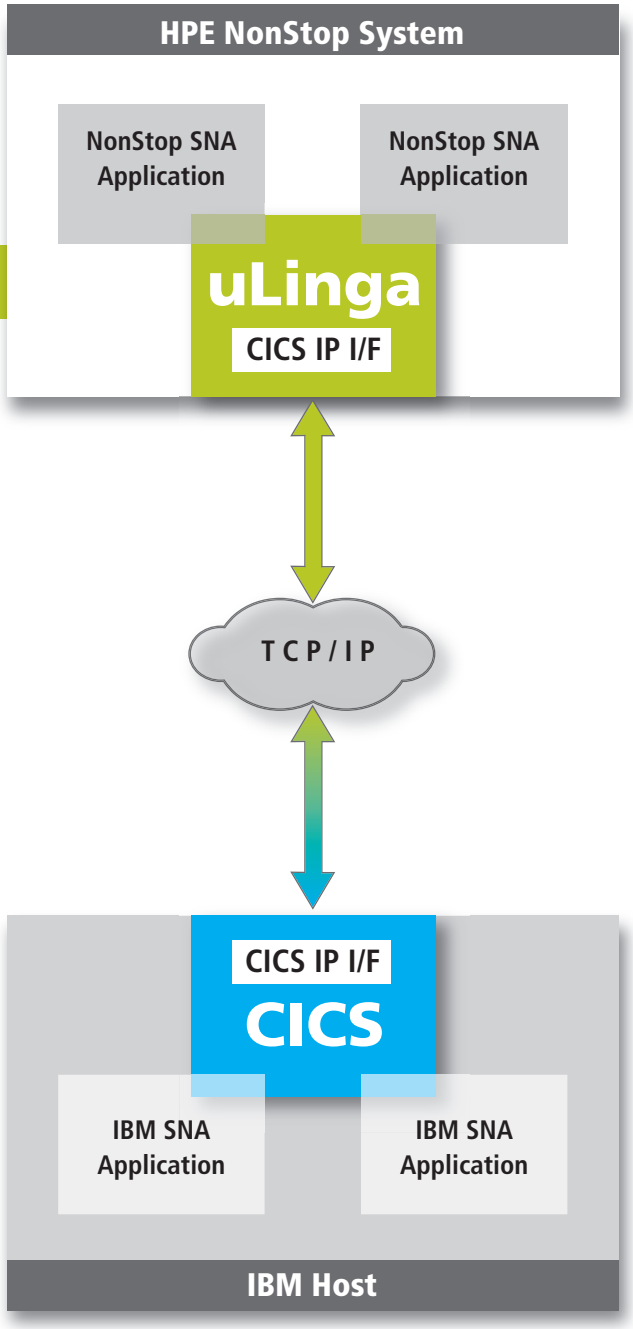
Architecture



Featuring support for the CICS protocol, uLinga enables seamless TCP/IP communications between HPE NonStop platforms, and IBM mainframes.

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