uLinga for EE

uLinga for Enterprise Extender (EE)

SNA between hosts and servers, natively over IP while still retaining use of SNA APIs!

For today's organizations proprietary technologies, like Systems Network Architecture (SNA), remain an obstacle, significantly restricting infrastructure flexibility and increasing complexity and administrative overhead.
Now, with uLinga from comForte 21, organizations with HP NonStop servers and IBM mainframes can quickly, efficiently, and reliably migrate from SNA to TCP/IP and enjoy reduced costs and increased flexibility – while ensuring application integrity.

Purpose

For HP NonStop users who have alternate HPR/IP product offerings installed and are looking for less expensive solutions or solutions that are better supported by the vendor, uLinga for EE provides a viable alternative. HP NonStop users that have as yet not considered deploying an EE solution on HP NonStop, will find uLinga for EE is worth considering, and with several implementations now live it is a proven solution.

HP NonStop users that deploy EE eliminate SNA from a critical part of the network, even from the last wire "tails" that connect to traditional routers. This often involves removing the very last of any physical SNA network presence within the data center itself. Unlike DLSw solutions when deploying EE IP connections are terminated within each server that supports the EE protocol (HPR/IP). For those responsible for network monitoring, standard IP monitoring tools can be used for visibility of the application, end-to-end, even though the applications themselves continue to remain as SNA applications.

Features

EE support.
uLinga for EE has been implemented on HP NonStop to better support integration with IBM mainframes with access retained to key IBM mainframe subsystems including CICS, IMS, TSO, etc. With uLinga for EE, the HP NonStop server can better participate in the SNA APPN networking world as an EE Node – significantly reducing the VTAM definitions required as well as providing support for dynamic configuration where supported by the IBM mainframe.

Using the latest SNA transports and services designed to run over IP, uLinga for EE utilizes UDP/IP and where redundant connections are present, uLinga for EE can be configured in support of fault tolerance across these links.

Online configuration.
uLinga for EE offers the same online configuration capabilities as are present with other products within the uLinga product suite; the only new configuration parameters are in support of UDP and they too are an integral part of the same online configuration component. Leveraging more from the open world, uLinga for EE now makes use of the industry-standard "Wireshark" tool when it comes to reading traces and supports the compression of traces to reduce their size and there demands for storage.

HP NonStop platform integration.
Featuring support of the SNAX, HLS, SNAX/APC, SNALU, CRT, Raw Socket Interface and IPC with additional API's to be supported in upcoming releases.
Integration with comForte's SecurTN3270 provides additional API support, as needed.

Key Features

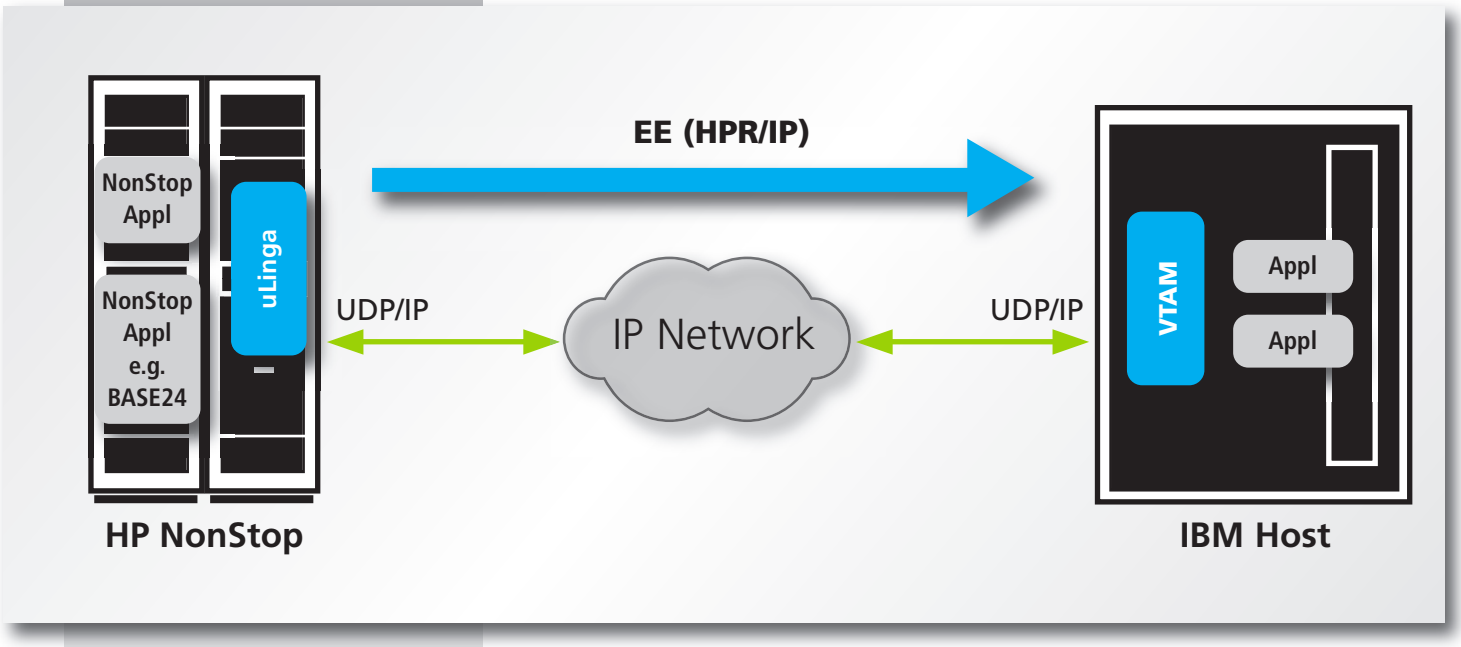
- **Easy set up**
  through online configuration, with no application changes required.
- **Built-in tracing facilities**
- **Standard HP NonStop logging facilities**
  enabling integration with existing logging and reporting processes.
- **Support for native HP NonStop interfaces**
  Including HLS, SNAX/APC, SNALU, CRT, Raw Socket, and IPS.

System Requirements

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

uLinga for EE

Architecture



Benefits

- **Modern / supported implementation bring choice to HP NonStop**

uLinga for EE represents a fresh approach to supporting SNA APPN/EE from developers well-versed in SNA with a more market-aware value proposition.

- **Reduce Costs**

uLinga for EE enables organizations to seamlessly migrate from SNA to TCP/IP, simplifying administration and eliminating the need to retain costly SNA infrastructure and where available, introduce a level of fault tolerance across the links, a feature previously not available for HP NonStop applications.

- **Minimize integration risk and effort.**

No changes to application code is required on HP NonStop or on any connected hosts or servers.

- **Boost flexibility.**

By adopting the modern, industry-standard UDP/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 UDP/IP, organizations can leverage the platform manageability already in place and can take advantage of industry-standard IPSec to more consistently ensure security.

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