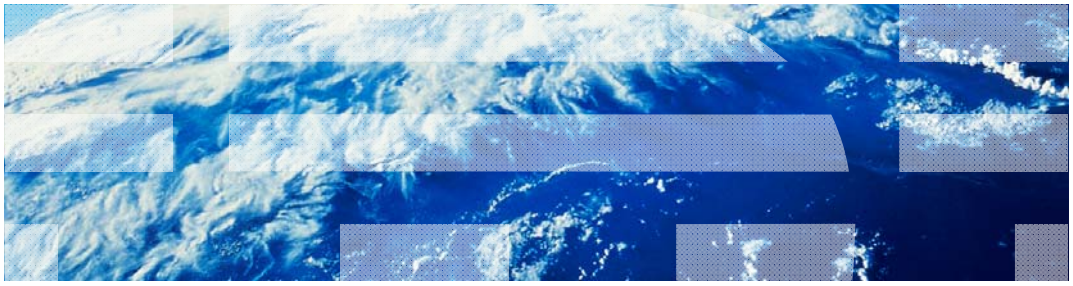
Communications Server for Data Center Deployment

What is new in version 7.0

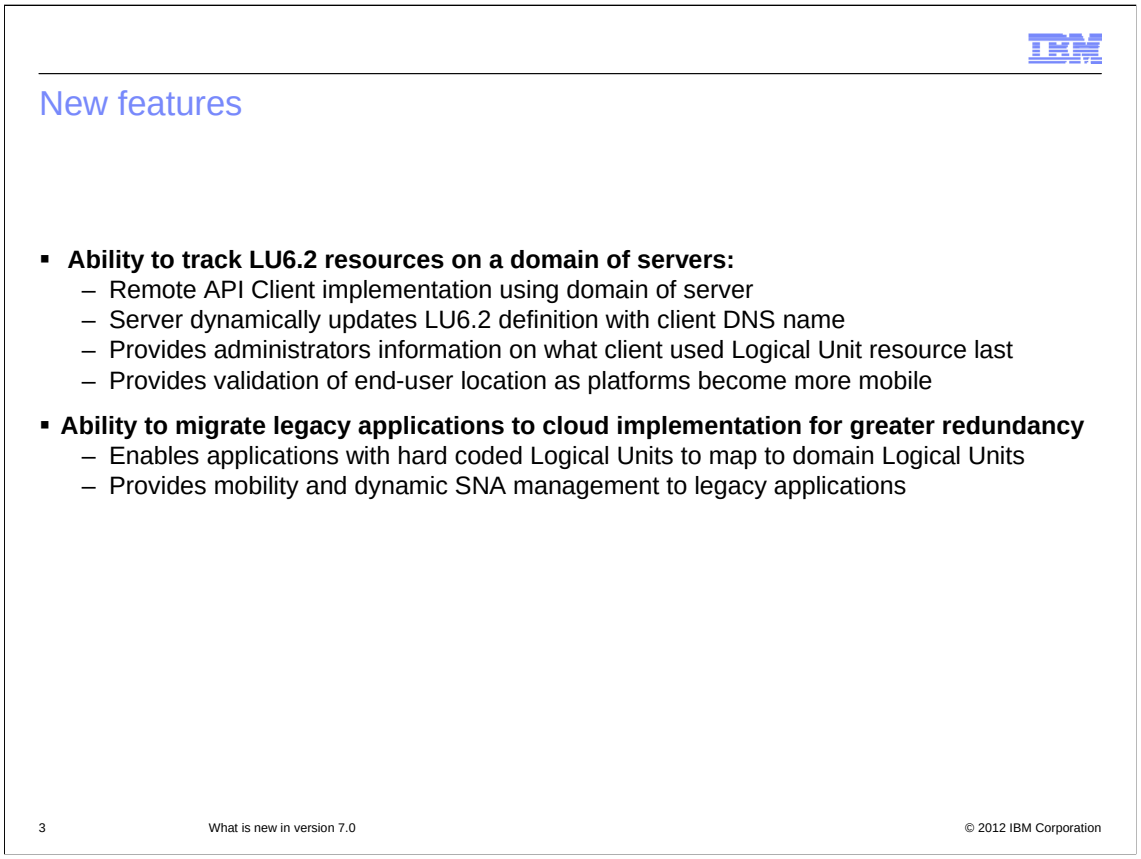


This presentation will discuss the new features provided in version 7.0 of the Communications Server for Data Center Deployment offering.

Combines support for AIX, Linux and Linux for System z

- **The Communications Server for Data Center Deployment release combines these products into one offering:**
  - Communications Server for AIX®
  - Communications Server for Linux
  - Communications Server for Linux on System z®
- **This offering provides a common license structure. With it, IT administrators can implement their SNA gateway and application servers on AIX, Linux and Linux on System z without re-licensing.**
- **All three server platforms support the Remote API Client/server implementation such that Windows platforms can take advantage of the latest SNA over IP strategy:**
  - Uses a “cloud” implementation to provide SNA resources with redundancy
  - Supports both 32-bit and 64-bit applications on the same platform

Communications Server for Data Center Deployment V7 combines the delivery, licensing and support for Communications Server for AIX, Linux and Linux on System z servers. This allows you to choose how to implement SNA connectivity without limitations due to platform synergy. All three server platform offerings support the Remote API Client strategy, which supports Windows platforms that are 32-bit or 64-bit operating systems. The total cost of implementation and management is less because SNA is more centrally located and managed. SNA resources and expertise can remain in the data center, while the applications run, unchanged, in remote locations.



A new feature in Communications Server for Data Center Deployment V7.0 is the ability to track SNA LU6.2 resources dynamically across a mobile network. Another new feature is the ability to integrate legacy SNA applications into a more dynamic and cloud-like solution for SNA connectivity.

Enhancements

- **Advanced Peer-to-Peer Network (APPN) enhancement using IPV6 Connection Networks**
  - Ability to define IPV6 addresses on Connection Networks
  - Improves options for connectivity over IPV6 networks in heterogeneous networks
- **Improved encryption support**
  - Higher cipher support for TN3270 Server and Telnet Redirector support
  - Support for hardware encryption devices
    - Support for z9 Crypto card on System z

Communications Server for Data Center Deployment V7.0 provides an Advanced Peer-to-Peer Network enhancement for support of IPV6 Connection Networks, which allows more versatile options in connectivity and support. It also provides improved encryption support for Telnet server functions, including the use of hardware encryption.

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