



Highly scalable solution combined with highly scalable pricing model

IBM Communications Server for Linux combines highly scalable technology with a highly scalable pricing model. IBM @server® zSeries® architecture allows you to scale horizontally. While you scale up to meet your growing business demand, z/VM® technology can allow this to be done in an efficient manner. Communications Server for Linux on zSeries allows you to take advantage of this scaling ability with its per concurrent user pricing model. There is no server license charge for the Communications Server for Linux. Your company will be charged only for the number of concurrent users connected into the server.

Workload consolidation on zSeries

Do you have distributed TN3270 or SNA gateway servers? Are you continually replacing and adding more powerful hardware whenever your business grows? Are your servers idle or operating at low utilization? Do you have server farms consuming power and expensive floor space? If so, Communications Server for Linux on zSeries and the zSeries ability to run multiple virtual servers on a single server may keep your Total Cost of Ownership (TCO) low and help you avoid revamping your IT plans every time your business expands.



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IBM Corporation
Software Group
Route 100
Somers, NY 10589
U.S.A.

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Optimizing your network infrastructure
for e-business on demand



Top Ten Reasons to Deploy IBM Communications Server for Linux in Your Infrastructure

Network protocol consolidation and removal of legacy networking hardware

Your Web-based business has grown and you know IP is the protocol for the future, but you still have business critical applications running on an SNA network. The cost and management of two separate networks is becoming more and more prohibitive as you move towards an on demand business environment. The Enterprise Extender function of the IBM Communications Server for Linux provides an elegant way to send and receive SNA packets on the IP network, which allows you to combine your two separate network infrastructures into one single IP-based network.

Higher performance without compromising security and reliability

Legacy networking hardware has served your company well for many decades. It provided the reliability and scalability that your business needed. However, the performance of the hardware has not kept pace with the increase in bandwidth required to run today's business. Because IBM Communications Server for Linux runs on your zSeries mainframe and communicates IP downstream, you can now replace your Token-Ring network and ESCON® channel-attached front end processors with an ethernet network and gigabit OSA-Express hardware.

SNA skill consolidation to the data center

Maintaining the right level of SNA skill is becoming more and more expensive. Consolidation with the Communications Server for Linux solutions allows you to bring your scarce SNA skills to one centralized location or to a few regional locations, effectively eliminating the burden of maintaining SNA skills at every remote site.

Platform consolidation on Linux

You may be currently running Communications Server for OS/2®, or running distributed SNA gateway, or TN3270 servers on multiple platforms, which leaves you with the overhead cost of maintaining multiple platforms. If you are considering moving, or are currently moving, all of your Web-based applications to the Linux operating system, you can do the same for the SNA gateway and TN3270 server workload using IBM's Communications Servers for Linux.

Versatility and flexibility of Linux

Linux scales from embedded devices all the way up to enterprise servers that support a variety of hardware platforms. This permits you to select vendors that best meet your current needs. There can be a server platform to meet your needs as the scalability and performance requirements evolve.

Highly reliable and secure network connections to the core business application

Communications Server for Linux on zSeries not only provides the versatility and flexibility of the Linux operating system, but it can also add the reliability and security of the mainframe. zSeries architecture provides enhanced hardware error isolation and automatic recovery. Through the use of VM, discrete servers can be consolidated onto a single zSeries, helping to reduce planned and unplanned outages for software maintenance, error recovery, and problem isolation of individual server instances.

Reduced total cost of ownership

Each of the aforementioned points can help contribute to a lower TCO. Additionally, the ease of migrating code from UNIX® to Linux, together with the open source nature of Linux,

which encourages vendors to drive differentiation above the operating system, helps lower overall IT costs. Linux also provides IBM an opportunity to leverage its core competencies and technical prowess to build on the Linux TCO advantage. Through consolidation of workloads from underutilized distributed servers on our large, central platform and efficient clustering of inexpensive servers, Linux helps IBM to deliver innovative solutions with potentially dramatic TCO advantages to its customers.

Cost-effective transformation toward on demand business

IBM Communications Server for Linux can provide a cost-effective way to transform your infrastructure into an on demand environment. Unlike other competitive offerings that propose that you completely rewrite all of your applications to IP, this solution allows you to protect your investment in your core business SNA-based applications running in your datacenter while exploiting the latest IP networking technology by upgrading only your network infrastructure to IP. Once you complete this transformation, you will be able to take advantage of the on demand offerings IBM has for your business.

For more information about how IBM Communications Server for Linux can help improve your infrastructure, please contact Haechul Shin at haechul@us.ibm.com or Alfred Christensen alfredch@us.ibm.com.