



Distributed Communication Server

Client server

@business on demand software

© 2009 IBM Corporation

An understanding of the client/server relationship is integral to the SNA architecture within the Distributed Communication Server products.

Client/Server

Client/Server allows SNA applications to connect over TCP/IP without any coding or changes to the SNA application

Communications Server for AIX[®] and Linux[®] client/server provides:

- ▶ Simple connectivity
 - TCP/IP Port 1553
 - Minimum two to three parameters.
- ▶ High availability
 - Clients connect to domain of servers
 - Servers provide access to SNA resources across domain
 - Client/server allows for load balancing

Communications Server for AIX and Linux support connections from Remote API clients

Allows SNA applications to become TCP/IP clients with no code changes

Uses Port 1553 and about two or three parameters

Provides backup and redundant access to SNA resources used by SNA applications

Client/Server

- Remote API clients support:
 - ▶ Windows®,
 - ▶ Win-64
 - ▶ AIX
 - ▶ Linux (i686, x86_64, ppc64 and s390x)

Remote API clients supports seven platforms, more than 20 different operating systems

Client/Server

- **Communications Server for AIX and Linux client/server continued:**
 - ▶ **Windows and Win-64 Remote API clients:**
 - Configuration information saved in Windows registry
 - GUI configuration program provides access to configuration information
 - ▶ **AIX and Linux Remote API clients:**
 - Configuration in a ASCII text file
 - ▶ **Error and Audit logging are configurable**
 - Logs to ASCII file
 - Allows log files to wrap between two log files

Remote API Windows clients use GUI or Windows registry to hold configuration data

Remote API clients on AIX and Linux use a flat ASCII file.

Client/Server

- Communications Server for Windows client/server:
 - ▶ SNA API client
 - Connects to a single server
 - Configuration held in ASCII file, like CS Windows
 - Message Log facility provided

Communications Server for Windows supports a SNA API client.
Thin client, like Remote API, but connects to one server at a time.

Feedback

Your feedback is valuable

You can help improve the quality of IBM Education Assistant content to better meet your needs by providing feedback.

- Did you find this module useful?
- Did it help you solve a problem or answer a question?
- Do you have suggestions for improvements?

Click to send e-mail feedback:

mailto:iea@us.ibm.com?subject=Feedback_about_CS_clientserv.ppt

This module is also available in PDF format at: ../CS_clientserv.pdf

You can help improve the quality of IBM Education Assistant content by providing feedback.

Trademarks, copyrights, and disclaimers

IBM, the IBM logo, ibm.com, and the following terms are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both:

AIX

If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of other IBM trademarks is available on the Web at "Copyright and trademark information" at <http://www.ibm.com/legal/copytrade.shtml>

Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.

Product data has been reviewed for accuracy as of the date of initial publication. Product data is subject to change without notice. This document could include technical inaccuracies or typographical errors. IBM may make improvements or changes in the products or programs described herein at any time without notice. Any statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only. References in this document to IBM products, programs, or services does not imply that IBM intends to make such products, programs or services available in all countries in which IBM operates or does business. Any reference to an IBM Program Product in this document is not intended to state or imply that only that program product may be used. Any functionally equivalent program, that does not infringe IBM's intellectual property rights, may be used instead.

THE INFORMATION PROVIDED IN THIS DOCUMENT IS DISTRIBUTED "AS IS" WITHOUT ANY WARRANTY, EITHER EXPRESS OR IMPLIED. IBM EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT. IBM shall have no responsibility to update this information. IBM products are warranted, if at all, according to the terms and conditions of the agreements (for example, IBM Customer Agreement, Statement of Limited Warranty, International Program License Agreement, etc.) under which they are provided. Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products in connection with this publication and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products.

IBM makes no representations or warranties, express or implied, regarding non-IBM products and services.

The provision of the information contained herein is not intended to, and does not, grant any right or license under any IBM patents or copyrights. Inquiries regarding patent or copyright licenses should be made, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. All customer examples described are presented as illustrations of how those customers have used IBM products and the results they may have achieved. The actual throughput or performance that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput or performance improvements equivalent to the ratios stated here.

© Copyright International Business Machines Corporation 2009. All rights reserved.

Note to U.S. Government Users - Documentation related to restricted rights-Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract and IBM Corp.