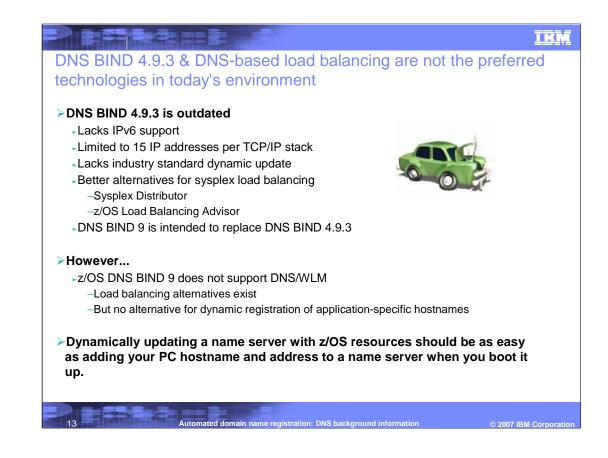


## IRM

Notes about DNS/WLM	
NOTES	<ul> <li>&gt;DNS BIND 4.9.3 running in sysplex, configured for DNS/WLM</li> <li>&gt;Authoritative for the sysplex.abc.com domain</li> <li>&gt;DNS generates the name, tn3270e.sysplex.abc.com when at least one TN3270E server becomes available and, mvs089.tn3270e.sysplex.abc.com, and mvs089b.tn3270e.sysplex.abc.com when those specific instances become available.</li> <li>&gt; Clients may connect to any available TN3270 server using the name, tn3270e.sysplex.abc.com</li> <li>&gt; Clients may connect to a specific server using the other two names.</li> <li>&gt; The following are related to the numbered flows in the previous diagram.</li> <li>1. Client issues command to connect to any available TN3270 instance using tn3270e.sysplex.abc.com from the abc.com name server (not shown). DNS/WLM does not create this alias. The alias is not required and is configured manually in this example for convenience of the end-user.</li> <li>2. Client's local name server gueries the DNS/WLM server to resolve tn3270e.sysplex.abc.com</li> <li>3. DNS/WLM name server is aware of which TN3270E servers are active in the sysplex, and chooses an IP address to return based on WLM system weights. In this case, an address belonging to mvs089 is returned.</li> <li>4. The client's local name server returns the address back to the client.</li> <li>5. The client connects to that address establishing a connection with an available TN3270E server on the least busy sysplex system.</li> </ul>
	2 Automated domain name registration: DNS background information © 2007 IBM Corporation



## IKM

## Trademarks, copyrights, and disclaimers

The following terms are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both:

IBM ibm.com z/OS

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

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 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 infinge IBMs intellectual property rights, may be used instead.

Information is provided "AS IS" without warranty of any kind. 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 NONINFRINCEMENT. 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 2007. 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.

nated domain name registration: DNS background information

© 2007 IBM Corporation