



भारतीय रिज़र्व बैंक

RESERVE BANK OF INDIA

www.rbi.org.in

RBI/2009-10/237

DIT(CO) Circular NO. 6/09.61.002/2009-10

November 30, 2009

To All NDS Members

Dear Sir,

Up-gradation of the PDO-NDS application to Windows 2008

As you are aware that the PDO NDS application is presently running on Windows 2000 advanced server with Oracle Version 9i and IBM Websphere MQ series 5.3.

2. It has been decided to upgrade the PDO NDS application to the latest available software versions i.e. Microsoft Windows 2008 Enterprise Edition, Oracle 11g and IBM Websphere MQ series 7.0.

3. In order to facilitate the upgradation, we enclose the Hardware and Software specifications for the Server and Client machines. It may be noted that the hardware specifications mentioned are the minimum requirements. However, you may decide the size of the hardware based on your specific needs.

4. You are requested to initiate the activity for migrating the PDO NDS application at your end to work in this new environment. We will be uploading the new setup and the installation document in the PDO NDS link available on the RBI Secured Website (<https://secweb.rbi.org.in>) in due course of time. A broadcast to this effect will be made through the PDO NDS application. You are requested to initiate the activity for migrating the PDO NDS application to this new environment at the earliest.

Yours faithfully,

(M.K. Mall)
General Manager

PDO NDS – Migration to Microsoft Windows 2008 environment- Hardware and Software Specifications- Minimum requirement

1. Member-end Application Server

Item	Specifications
Hardware:	<p>The size of the Server Machine to be decided by respective Participants based on their transaction volumes and other applications running on the same machine etc.</p> <p>It is suggested to install 2 no. of Standalone Servers at Primary Site (1 Primary Server+ 1 Back up server) , with Oracle data guard enabled for online replication of data .</p> <p>Note: Cluster is NOT required</p>
Processor :	Latest available Dual Core, 2 Processors
Memory	16 GB RAM
HardDisk	2* 250 GB
DVD Rom Drive	DVD ROM
Hard Disk Partitions	2 equal partitions
Name of the partitions	C: - All program Files and System Files D: - Oracle , PI Server Software
Anti Virus	Anti virus installed with latest definitions being regularly updated
Operating System (Windows)	Windows 2008 Server enterprise Edition , 64 bit with Service Pack 1
Message Middleware (IBM MQ)	IBM Websphere MQ 7.0 64 bit with Fix Pack 1
Database (Oracle)	Oracle Enterprise Edition version 11.1.0.6.0 (Oracle Server 64 bit with 32 bit client)

2. Member-end Client

Item	Specifications
Hardware:	The size of the Server Machine to be decided by respective Participants based on their transaction volumes and other applications running on the same machine etc.
Processor Speed:	Latest available Core 2 Duo Processor
Memory RAM	4 GB RAM
HardDisk Capacity	160GB / 250 GB
DVD Rom Drive	DVD ROM
Hard Disk Partitions	2 equal partitions
Name of the partitions	C: - All program Files and System Files D: - Oracle , PI Client Software
Operating System (Windows)	Microsoft Windows Vista Business Edition , 32 Bit , Version 6 with Service Pack 1
Database (Oracle)	11.1.6.0 Oracle Client, 32 bit
Microsoft Office	Microsoft Office Professional 2003 with Service Pack 3