X-pand into the Future

e u r e x *circular 091/05*

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Recipients: All Eurex members and vendors, Eurex Bonds and Eurex Repo members, CCP members
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Upgrade of Operating Systems for Sun Solaris and Windows XP

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Content may be most important for:

- Front Office / Trading
- IT / System Administration

Attachments:

none

Summary:

As of June 13, 2005, the operating system Sun Solaris 10 for MISSes and workstations and Windows XP Service Pack 2 for workstations will additionally be supported in the Eurex Release 7.0 Simulation, Production and Advanced Simulation environments and CCP Release 3.0 Simulation and Production environments.

In order to provide members with sufficient time to upgrade their front-end systems, parallel support for the Solaris 8 operating system and various Windows XP Service Packs will be provided for at least nine months.

Upgrade of Operating Systems for Sun Solaris and Windows XP

Support for the Sun Solaris 10 Operating System

As previously announced with the Eurex Release 8.0 introduction announcement on February 17, 2005, Eurex will provide additional support for the Sun Solaris 10 operating system. Starting on June 13, 2005, Solaris 10 will be supported for MISS server and workstation installations in the Simulation, Production and Advanced Simulation environments.

In addition, Sun Solaris 10 will also be supported in parallel to Sun Solaris 8 from June 13, 2005 for the following Xervices: Eurex US Release 1.0, Xetra Release 7.1 and CCP Release 3.0 in both the simulation and production environments on the MISS and workstation.

In order to provide members with sufficient time to upgrade their front-end systems, support for the Solaris 8 operating system will continue to be offered in parallel for at least nine months. The discontinuation of the support for the Solaris 8 operating system will be announced in separate circulars at a later date.

The existing GATE Release 3.3, major Xervice Kits that are Eurex Release 7.0, Eurex US Release 1.0, Xetra Release 7.1, CCP Release 2.0 and CCP Release 3.0 and all currently available update kits are compatible with the Solaris 10 operating system. The installation of additional software in order to support Solaris 10 is therefore not required.

The Exchange's internal tests were conducted on Sun Solaris 10 hardware revision 3/05 and support can currently only be guaranteed on the basis of this hardware revision. The installation of the Sun Solaris 10 operating system in the simulation environment is recommended prior to the start of the Eurex Release 8.0 Simulation on September 5, 2005.

PLEASE NOTE

The following points must be observed after performing an initial installation of the Sun Solaris 10 operating system or an upgrade installation of the operating system from Solaris 8 to Solaris 10.

FTP Server

The following instructions are related to the default FTP server only which is delivered as part of the Solaris 10 operating system.

Due to a change in the characteristics of the standard FTP server between Solaris 8 and Solaris 10 a modification must be made to the ftpd configuration file to ensure that reports transferred to the MISS can be successfully decompressed and processed after the initial installation or upgrade to Solaris 10.

Please ensure the following line is contained the file ***/etc/ftpd/ftpaccess***

defumask 002

If the file does not contain this entry then it must be added.

In order to ensure the FTP server uses the correct configuration file, it must be started with the parameter "-a". In order to verify if the correct parameter is used, execute the following command as user "root"

inetadm –l ftp

Check that the string ***exec="/usr/sbin/in.ftpd -a"*** is listed in the output. If the FTP server is not using the correct parameter, it must be modified as follows:

inetadm -m ftp exec="/usr/sbin/in.ftpd -a"

Please be aware that further changes to the default parameterization of the FTP are done under the responsibility of the member. Should you have additional questions, please do not hesitate to call the Technical Helpdesk.

PLEASE NOTE

The following points must be observed when performing an initial installation of the GATE 3.3 and Xervice software kits on Solaris 10.

Scratch Installation of GATE and the Xervice Kits under Solaris 10

The scratch installation of the existing GATE Release 3.3 and Xervice Kits for Solaris can only be performed under Solaris 10 by either adding the user account "install" or modifying this account if it already exists.

To check whether the account already exists the following steps should be performed:

1. Login as user "root"
2. Execute the following command:
   logins (to list all accounts known to the system)
3. Check for existence of the account "install" in the output

If the "install" account does not exist the following steps should be performed:

1. Execute the command:
   useradd -o -u 0 install (No password is required for this account)
2. Install GATE and the required Xervices according to the appropriate installation guides
3. Remove the account "install" (if required) using the command:
   userdel install

If the user "install" exists the following steps should be performed:

1. From the output of the **"*logins***" command make a note of the uid of the account "install" (listed in the second column)
2. If the uid for the "install" account is not 0 it must be changed to 0: execute the command:
   usermod -o -u 0 install
3. Install GATE and the required Xervices according to the appropriate installation guides.
4. To reset the uid of the account “install” to its previous version (if required) execute the command:
   usermod -o -u <orginal uid of install account> install

The installation details listed above can be ignored if the installation takes place after the production introduction of Eurex Release 8.0, which is scheduled to take place on November 7, 2005.

Support for Windows XP Service Pack 2

In addition to the existing support for Windows XP SP1/SP1a, support will also be provided for Windows XP Service Pack 2 from June 13, 2005 onwards in the simulation, production and Advanced Simulation (Eurex) environments **for all Xervices** (Eurex Release 7.0, Eurex US Release 1.0, Xetra Release 7.1, CCP Release 2.0 and CCP Release 3.0).

Please note that Windows XP is supported for workstation installations only.

As with the support for the new Sun Solaris 10 operating system, parallel support for the various Windows XP Service Packs will be provided for at least nine months. Installation of the Windows XP Service Pack 2 is

optional, not mandatory. The discontinuation of the support for these Service Packs will also be announced in a separate circular.

The Exchange's internal tests were performed with the Security Centre Firewall activated, a new security feature provided with Service Pack 2. If this firewall is being put into use please note that the respective GATE processes have to be included into the "exception" list of the firewall.

If you have any further questions regarding the support for the various operating systems/service packs or if you experience any problems with the installation, please contact either the Eurex Technical Helpdesk at telephone +49-69-211-1 12 00 or CCP Technical Helpdesk at +49-69-211-1 28 00.

Frankfurt, June 10, 2005