



## System Upgrade Instructions for Version 1025

### Prerequisites:

- Ensure current software version is up to date.
- Install the Version 1024 Pre-Upgrade update if not yet installed.

### Limitations and Warnings:

- The upgrade must be performed directly on the Appliance Console terminal.
- The appliance is, depending on the size of data, not available for some hours. Be patient. **DO NOT** power-cycle the appliance, re-boot, or otherwise interrupt the upgrade process.
- Please perform a back-up of the appliance before you start with the upgrade.

### Upgrade Procedure:

1. Connect directly to the Appliance console, and log-in.  
User ID: admin  
(Default) Password: SpamfinderAdmin (unless it has been changed previously)

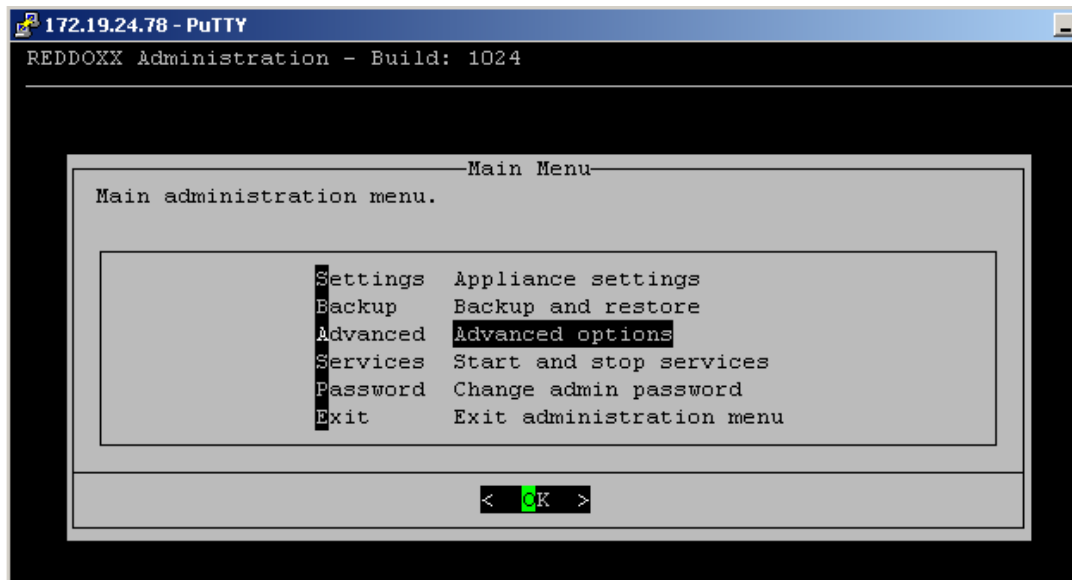
```
Looking for host ptbtime2.ptb.de and service ntp
host found : ptbtime2.ptb.de [ OK ]
Starting SSH Server... [ OK ]
Starting Database server...
server has been successfully started [ OK ]
Starting http-server ... [ OK ]
Starting virus scan engine ...
LibClamAV Warning: *****
LibClamAV Warning: *** This version of the ClamAV engine is outdated. ***
LibClamAV Warning: *** DON'T PANIC! Read http://www.clamav.net/support/faq ***
LibClamAV Warning: *****
LibClamAV Warning: *** This version of the ClamAV engine is outdated. ***
LibClamAV Warning: *** DON'T PANIC! Read http://www.clamav.net/support/faq ***
LibClamAV Warning: *****[ OK ]*
Starting ctasd ...
running ctasd from /opt/ctasd/bin
Loading configuration file /opt/ctasd/bin/ctasd.conf [ OK ]
Starting REDDOXX engine ... [ OK ]

REDDOXX engine (Build: 1024) is running on: 172.20.3.35

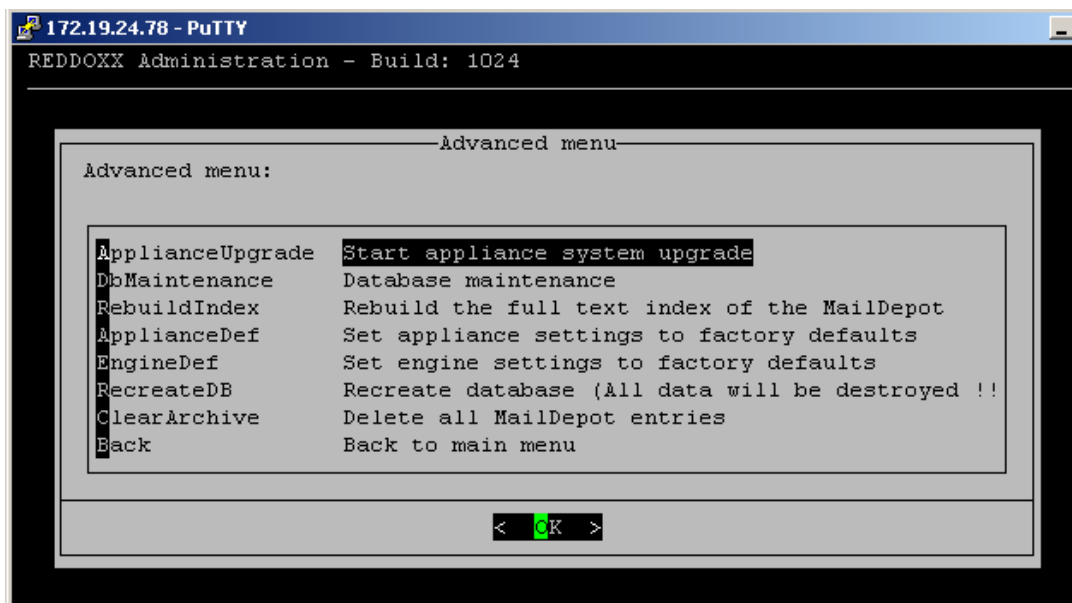
appliance login: admin
Password: _
```



2. Select the menu option "Advanced"

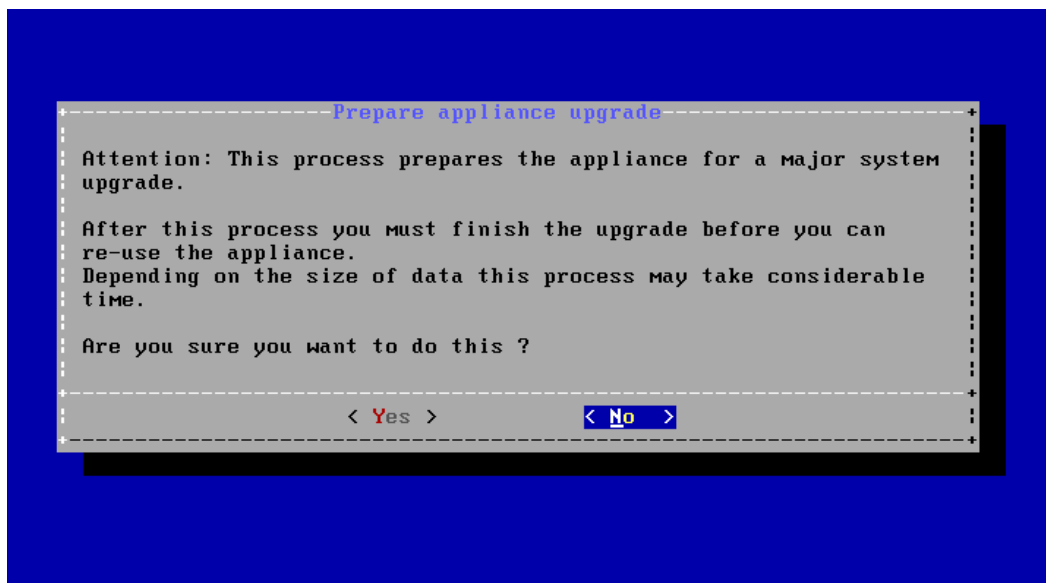


3. Select the menu option "Appliance Upgrade"

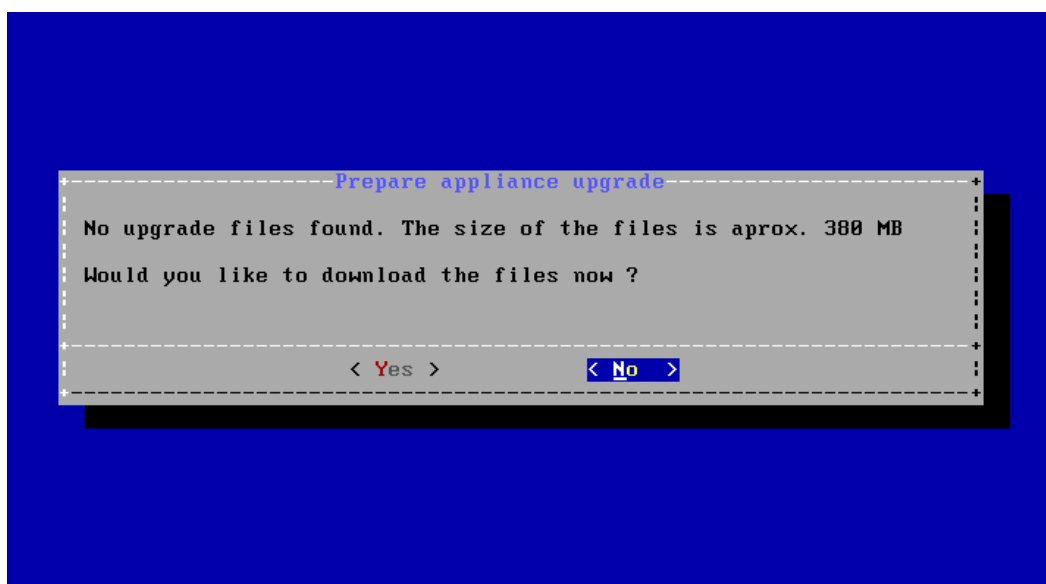




4. At the prompt "Do you really want to upgrade?" (Select "Yes").



5. At the prompt "No upgrade files found. Do you want to download them now?" (Select "Yes").





- The required files get downloaded now. You will see the following screen.

```
Download upgrade files ... --13:02:31-- http://downloads.r
eddoxx.net/upgrade/appliance-upgrade.tgz
=> '/opt/spamfinder/data/update/appliance-upgrade.tgz'
Resolving downloads.reddoxx.net... 217.160.131.43
Connecting to downloads.reddoxx.net[217.160.131.43]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 393,806,728 [application/x-gzip]

4% [>] 16,915,064 743.01K/s ETA 09:05
```

- After the download has finished continue by pressing any key.

```
Download upgrade files ... [ OK ]
Extracting upgrade files ... [ OK ]
Verify upgrade files ... [ OK ]

The upgrade will now stop the REDDOXX engine!
The next step will prepare the database for migration.

Press any key to continue the upgrade process ...
_
```

- At the prompt "The appliance was prepared for the upgrade successfully. The appliance must be rebooted now." (Select "OK").

```
REDDOXX Administration - Build: 1024
-----
-----Successfully prepared for upgrade-----
The appliance was prepared for upgrade successfully.
The appliance will reboot now and continue with the upgrade
process.
< OK >
```



- The appliance will re-boot at this point, and display the boot menu. The option “UPGRADE APPLIANCE SYSTEM” will be selected automatically in 5 seconds, and the Upgrade process will begin.

```
GNU GRUB  version 0.94  (638K lower / 522176K upper memory)

Upgrade appliance system
Spamfinder (normal boot)
Spamfinder (last kernel)

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the
commands before booting, or 'c' for a command-line.

The highlighted entry will be booted automatically in 3 seconds.
```

- Various messages will appear during the upgrade process. Be patient. **DO NOT** power-cycle the appliance, re-boot, or otherwise interrupt the upgrade process. When the upgrade has completed you will see the prompt: “PRESS ANY KEY TO REBOOT THE SYSTEM.” (Press any key).

```
* extracting system files ... [ OK ]
* extracting application files ... [ OK ]
* update data partition ... [ OK ]
* copy templates ... [ OK ]
* copy database ... [ OK ]
* change database owner ... [ OK ]
* copy config files ... [ OK ]
* migrate config files ... [ OK ]
* setup system config files ... [ OK ]
* install bootloader ... [ OK ]

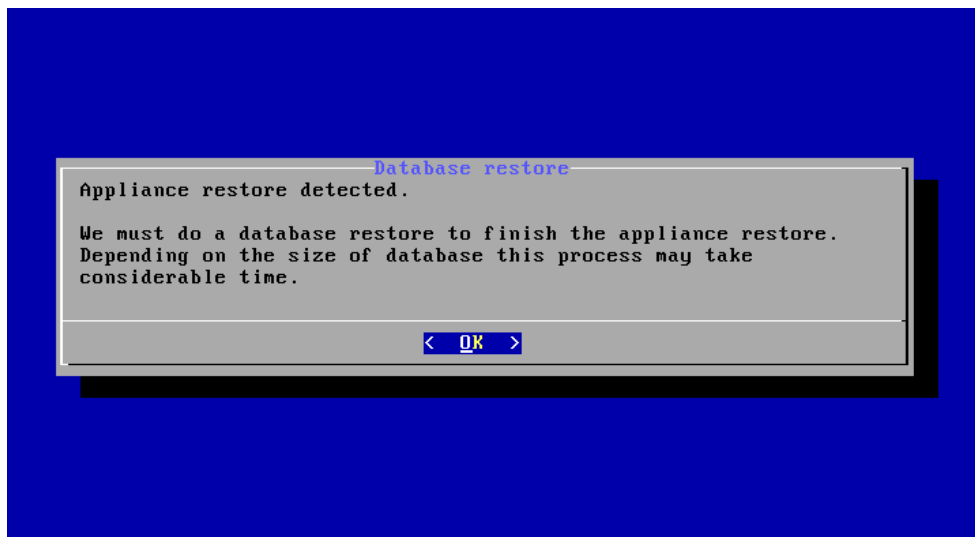
Installing the appliance recovery-system ...

* format /dev/sda ... [ OK ]
* mount /dev/sda ... [ OK ]
* extracting recovery-system files ... [ OK ]
* unmount /dev/sda ... [ OK ]
* unmount /dev/sda ... [ OK ]
* unmount /dev/sda ... [ OK ]
* finished.

Press any key to reboot the system ...
```



11. The appliance will re-boot again. The boot menu will display "Normal Appliance Start." The version 1025 appliance software will launch after a couple of seconds.
12. Once the appliance has booted up completely, the appliance will display the following prompt:  
"APPLIANCE RESTORE DETECTED. The restore of the database needs considerable time."  
(Select "OK").



13. Once the database has been restored (the amount of time needed to accomplish this task will vary depending on the amount of data in the archive), the appliance will display the prompt:  
"RESTORE FINISHED". (Select "EXIT").





14. At this point the appliance displays the log-in prompt again, and is ready to be returned to production.

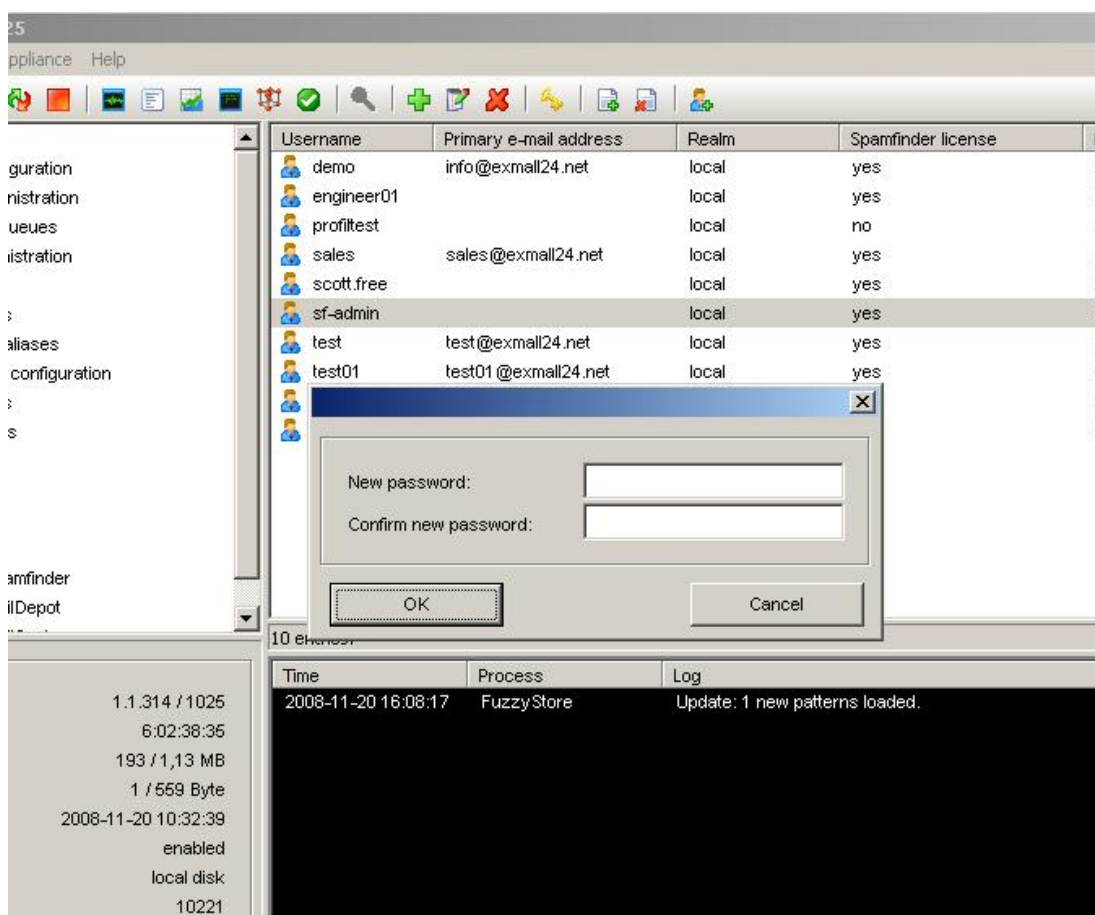
**Please note: The password has changed!**

Login: admin

Pwd: **AppAdmin**

```
* Running local boot scripts (/etc/rc.local) [ OK ]
REDDOXX appliance (Build: 1025) is running on: 172.20.3.35 [ OK ]
appliance login: _
```

15. Login on the admin console rdxadmin.exe (windows GUI) and change the sf-admin password. The same password can be used anymore.



16. Perform a back-up of the appliance at the earliest opportunity.