

### Install eGroupWare + PostgreSQL

#### System:

SLES 10 SP2 (32bits)  
PostgreSQL 8.1.11  
Apache2 2.2.3-16.18  
php5 5.2.5-9.5  
mysql 5.0.26-12.18

#### Partitional

/boot 100 MB.  
/ 10 GB.  
/swap 2 GB.  
/srv 20 GB.  
/var 20 GB.

#### 1) Install PostgreSQL & Config permissions for postgresql.

```
$ yast sw_single  
postgresql  
postgresql-contrib  
postgresql-devel  
postgresql-jdbc  
postgresql-server
```

```
$ vi /var/lib/pgsql/data/postgresql.conf  
listen_addresses = 'localhost'
```

```
$ /var/lib/pgsql/data/pg_hba.conf
```

```
# Add the following to allow the egroupware user to connect.  
# "local" is for Unix domain socket connections only  
#local all all ident sameuser  
local all all md5  
# IPv4 local connections:  
#host all all 127.0.0.1/32 ident sameuser  
host all all 127.0.0.1/32 md5  
# IPv6 local connections:  
host all all ::1/128 ident sameuser  
# Add the following to allow the egroupware user to connect.
```

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```
host egroupware egroupware 127.0.0.1/24 <your_password>
```

```
$ rcpostgresql restart
```

### 2) Create eGroupWare DB and User

```
$ su - postgres
```

```
# Create the user
```

```
postgres@egroupware:~> createuser --no-adduser --no-createdb -P egroupware
```

```
Enter password for new role: <your_password>
```

```
Enter it again: <your_password>
```

```
Shall the new role be allowed to create more new roles? (y/n) n
```

```
CREATE ROLE
```

```
# Create the database
```

```
postgres@egroupware:~> createdb --owner egroupware egroupware
```

```
CREATE DATABASE
```

```
# Test out the connection
```

```
postgres@egroupware:~> psql egroupware
```

```
Welcome to psql 8.1.11, the PostgreSQL interactive terminal.
```

```
Type: copyright for distribution terms
```

```
h for help with SQL commands
```

```
? for help with psql commands
```

```
g or terminate with semicolon to execute query
```

```
q to quit
```

```
egroupware=# q
```

```
postgres@egroupware:~>
```

### 3) Install and Configure Apache (LAMP Server)

```
$ yast sw_single
```

```
LAMP Server
```

```
php5-mysql
```

```
php5-odbc
```

```
php5-pear
```

```
php5-pgsql
```

```
php5-mbstring
```

```
php5-ldap
```

```
php5-imap
```

```
php5-gd
```

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### 4) Install Remaining Packages:

```
$ pear install Auth_SASL  
$ pear install XML_Feed_Parser
```

### 5) Runlevel

```
apache2  
mysql  
postgresql
```

### 6) Installation/Configuration of eGroupWare:

#### 6.1) Download and Unpack

```
$ tar xvf eGroupware-1.6.001.tar.bz2 -C /srv/www/htdocs/  
$ tar xvf eGroupware-egw-pear-1.6.001.tar.bz2 -C /srv/www/htdocs/  
$ cd /srv/www/htdocs/  
$ chown wwwrun.www egroupware/ -R
```

#### 6.2) Configure PHP

```
$ vi /etc/php5/apache2/php.ini
```

```
# Change the memory_limit to 16MB  
upload_max_filesize = 8M
```

```
# Change the following line for UNICODE  
;mbstring.func_overload = 0  
mbstring.func_overload = 7
```

#### 6.3) Installing eGroupWare

```
http://server/egroupware/setup
```

Setup/Config Admin Login

Step1:

Step2:

click Edit Current Configuration

```
$ mkdir -p /var/lib/egroupware/default/files  
$ mkdir -p /var/lib/egroupware/default/backup  
$ chmod 777 /var/lib/egroupware/default/files  
$ chmod 777 /var/lib/egroupware/default/backup
```

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Step3:

click Create admin account

Step4:

click Manage Languages

Step5:

click Manage Applications > click cencal

Step6:

click DB backup and restore > click backup now > click schedule > click Logout.

### **Login eGroupware**

<http://server/egroupware>

Main > menu Admin > User accounts > Add

**Finish.**□