# Cone Application — Disaster recovery

1. Поднять чистый сервер SUSE Rev4 последней версии
2. Подключить базовые репозитории

zypper ar -cf --name "systemsmanagement" http://download.opensuse.org/repositories/systemsmanagement/openSUSE\_13.1/ "systemsmanagement"

zypper ar -cf --name "home::conecenter::coneapp" http://download.opensuse.org/repositories/home:/conecenter:/coneapp/openSUSE\_13.1/ "home::conecenter::coneapp"

zypper ar -cf --name "devel::languages::perl" http://download.opensuse.org/repositories/devel:/languages:/perl/openSUSE\_13.1/ "devel::languages::perl"

zypper ar -cf --name "devel::languages::perl::CPAN-B" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-B/openSUSE\_13.1/ "devel::languages::perl::CPAN-B"

zypper ar -cf --name "devel::languages::perl::CPAN-C" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-C/openSUSE\_13.1/ "devel::languages::perl::CPAN-C"

zypper ar -cf --name "devel::languages::perl::CPAN-E" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-E/openSUSE\_13.1/ "devel::languages::perl::CPAN-E"

zypper ar -cf --name "devel::languages::perl::CPAN-J" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-J/openSUSE\_13.1/ "devel::languages::perl::CPAN-J"

zypper ar -cf --name "devel::languages::perl::CPAN-N" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-N/openSUSE\_13.1/ "devel::languages::perl::CPAN-N"

zypper ar -cf --name "devel::languages::perl::CPAN-P" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-P/openSUSE\_13.1/ "devel::languages::perl::CPAN-P"

zypper ar -cf --name "devel::languages::perl::CPAN-S" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-S/openSUSE\_13.1/ "devel::languages::perl::CPAN-S"

zypper ar -cf --name "devel::languages::perl::CPAN-U" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-U/openSUSE\_13.1/ "devel::languages::perl::CPAN-U"

zypper ar -cf --name "devel::languages::perl::CPAN-X" http://download.opensuse.org/repositories/devel:/languages:/perl:/CPAN-X/openSUSE\_13.1/ "devel::languages::perl::CPAN-X"

zypper ar -cf --name "devel::languages::python" http://download.opensuse.org/repositories/devel:/languages:/python/openSUSE\_13.1/ "devel::languages::python"

zypper ar -cf --name "server::mail" http://download.opensuse.org/repositories/server:/mail/openSUSE\_13.1/ "server::mail"

zypper ar -cf --name "server::proxy" http://download.opensuse.org/repositories/server:/proxy/openSUSE\_13.1/ "server::proxy"

zypper ar -cf --name "server::http" http://download.opensuse.org/repositories/server:/http/openSUSE\_13.1/ "server::http"

1. Добавить блокирование пакетов \*v8\* в /etc/zypp/locks

repo: OSS  
type: package  
match\_type: glob  
case\_sensitive: on  
solvable\_name: \*v8\*

repo: Updates  
type: package  
match\_type: glob  
case\_sensitive: on  
solvable\_name: \*v8\*

1. Установить базовые пакеты роли «Cone Application»

zypper --gpg-auto-import-keys in -C --no-recommends "exim" "python-Twisted" "python-pyflakes" "python-pep8" "python-setuptools" "python-pip" "haproxy-1.5" "apache2-cone" "apache2-cone-utils" "apache2-cone-mod\_perl" "apache2-cone-mod\_auth\_kerb" "libv8-3" "v8-devel" "nginx-syslog-cone" "spawn-fcgi" "tidy" "poppler-tools" "tidy" "ImageMagick" "inkscape" "bitstream-vera-fonts" "dejavu-fonts"

zypper --gpg-auto-import-keys in -C --no-recommends "java-1\_7\_0-openjdk" "log4j" "bouncycastle" "apache-commons-codec"

zypper --gpg-auto-import-keys in -C --no-recommends "perl-ExtUtils-XSpp" "perl-Crypt-OpenSSL-RSA" "perl-Crypt-X509" "perl-Email-Folder" "perl-Email-FolderType" "perl-Email-MIME-Attachment-Stripper" "perl-Email-FolderType-Net" "perl-PDF-API2" "perl-Spreadsheet-WriteExcel" "perl-Spreadsheet-ParseExcel" "perl-Convert-ASN1" "perl-Unicode-Transform" "perl-XML-Twig" "perl-XML-RSS" "perl-Text-CSV\_XS" "perl-List-MoreUtils" "perl-MIME-Lite" "perl-Archive-Zip" "perl-Xbase" "perl-DBD-XBase" "perl-PerlMagick" "perl-GD" "perl-GD-Barcode" "perl-Spreadsheet-XLSX" "perl-Printer" "perl-Net-OpenSSH" "perl-Net-Daemon" "perl-Sys-Syslog-OO" "perl-JSON-XS" "perl-SOAP-Lite" "perl-ldap" "perl-LWP-Protocol-https" "perl-Net-SFTP-Foreign" "perl-JavaScript-V8" "perl-Net-ASN" "perl-MQSeries" "perl-Net-AS2" "perl-Math-Round" "perl-Business-PayPal-IPN" "perl-HTML-Tree" "perl-MLDBM"

zypper --gpg-auto-import-keys in -C --no-recommends "python" "python-base" "dbus-1-python" "audit-libs-python" "python-numpy" "python-httplib2" "python-pycurl" "python-jsonschema" "python-simplejson" "python-anyjson" "python-pycrypto" "python-pyasn1-modules" "python-cairo"

zypper --gpg-auto-import-keys in -C --no-recommends "bison" "flex" "gcc" "make" "gcc-c++" "pcre-devel" "zlib-devel" "patch" "m4" "glibc" "binutils" "glibc-devel" "libaio1" "libaio-devel" "libelf0" "libelf1" "libelf-devel" "numactl" "libtool" "libstdc++6" "libstdc++-devel" "libgcc\_s1" "expat" "libopenssl-devel" "binutils-devel" "gcc-java" "java-1\_7\_0-openjdk" "java-1\_7\_0-openjdk-devel" "javacc" "javacc3" "gcc-java"

1. Создать симлинк для общедоступного расположения cone-app  
   ln -s /media/storage/web /  
   NOTICE: если директория /web существует — удалить её
2. Добавить в cron задачу удаления файлов:

echo "\*/5 \* \* \* \* rm -R /web/\_data/removing/\*" > /tmp/http\_cron  
crontab -u http /tmp/http\_cron  
systemctl restart cron.service

1. Дать права пользователю http на запуск sendmail  
   echo "http ALL=(ALL) NOPASSWD: /usr/sbin/sendmail" > /etc/sudoers.d/http
2. Сменить пароль пользователя http
3. Сузить диапазон локальных портов  
   sed -i "s/net.ipv4.ip\_local\_port\_range.\*/net.ipv4.ip\_local\_port\_range = 14000 65000/" /etc/sysctl.d/network.conf
4. Выложить изменённый файл с apache mime-types (из /cmdb/techpool/apache2/mime.types\_cone)
5. На мастер-сервере выполнить
   1. Создание файловой системы ext4
   2. подмонтировать /media/storage
   3. создать директории  
      mkdir -p /media/storage/web  
      mkdir -p /web/\_deploy /web/\_data /web/\_dsch
   4. скопировать oracle-client

wget -q -nc http://public.edss.ee/software/Linux/Oracle/instantclient10\_1.zip -P /tmp  
unzip -oqq /tmp/instantclient10\_1.zip -d /web/\_data/

* 1. применить acl  
     chown -R http:http /var/lib/nginx /var/log/nginx/

chown -R http:http /media/storage/web  
setfacl -R -m d:u:http:rwx /media/storage/web  
setfacl -R -m d:g:http:rwx /media/storage/web  
setfacl -R -m u:http:rwx /media/storage/web  
setfacl -R -m g:http:rwx /media/storage/web  
setfacl -R -m d:u::rwx /media/storage/web  
setfacl -R -m u::rwx /media/storage/web

* 1. выложить новый application
  2. зайти в интерфейс
  3. перезагрузить application - с привилегиями пользователя http выполнить   
     /web/\_deploy/{имя схемы}/r full