

Ova stranica opisuje proceduru uprade produkcijske Koha instalacije na koha.ffzg.hr na zadnju verziju iz našeg git-a

t=0x02ae398 [0, 0]

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## fix perms

```
dpavlin@koha-upgrade:/srv/koha$ sudo chgrp -R koha .
dpavlin@koha-upgrade:/srv/koha$ sudo chmod -R g+w .
```

## upgrade

```
dpavlin@koha-upgrade:/srv/koha$ git pull
dpavlin@koha-upgrade:/srv/koha$ perl Makefile.PL
```

...

Please specify the password of the user that owns the database to be used by Koha [katikoan]

...

## prerequisite

```
[Wed Oct 28 18:35:13 2009] Makefile.PL: Warning: prerequisite IPC::Cmd 0.46 not found. We have 0.
[Wed Oct 28 18:35:13 2009] Makefile.PL: Warning: prerequisite Memoize::Memcached 0.03 not found.
[Wed Oct 28 18:35:14 2009] Makefile.PL: Warning: prerequisite Test::More 0.8 not found. We have 0
```

```
dpavlin@koha-upgrade:/srv/koha$ sudo apt-get install -y libcache-memcached-perl libtest-mockobject
```

```
dpavlin@koha-upgrade:/srv/koha$ sudo cpan IPC::Cmd Memoize::Memcached Test::More Authen::CAS::Cli
```

## test

```
dpavlin@koha-upgrade:/srv/koha$ make test
```

```
...
```

```
All tests successful, 12 subtests skipped.  
Files=25, Tests=391, 5 wallclock secs ( 4.71 cusr + 0.32 csys = 5.03 CPU)
```

## upgrade

```
dpavlin@koha-upgrade:/srv/koha$ sudo make upgrade
```

```
...
```

Koha's files have now been installed.

In order to use Koha's command-line batch jobs,  
you should set the following environment variables:

```
export KOHA_CONF=/etc/koha/koha-conf.xml  
export PERL5LIB=/usr/share/koha/lib
```

For other post-installation tasks, please consult the README.

Upgrade će iskopirati sve promijenjene fajlove i dodati im nastavak `_upgrade_backup`. To može biti korisno u slučaju kada su na produkciji rađene promjene koje nisu pospremljene u repozitorij (git).

Stvoreni fajlovi mogu se obrisati ovako:

```
find . -name '*_upgrade_backup' -exec rm -v {} \;
```

## konfiguracija

```
dpavlin@koha-upgrade:/etc/koha$ sudo vi -d /etc/koha/koha-conf.xml /etc/koha/koha-conf.xml_upgrade
```

## LDAP config & start

Koha LDAP config

### Provjeriti verziju

```
dpavlin@koha-dev:/srv/koha$ grep VERSION /srv/koha/C4/Auth_with_ldap.pm  
use vars qw($VERSION @ISA @EXPORT @EXPORT_OK %EXPORT_TAGS $debug);
```

```
$VERSION = 3.10;          # set the version for version checking
```

## /etc/koha/koha-conf.xml

```
<ldapserver id="ldapserver" listenref="ldapserver">
<!--
  <hostname>ldaps://ldap.ffzg.hr</hostname>
-->
  <hostname>ldap://localhost:1389</hostname>
  <base>dc=ffzg,dc=hr</base>

  <replicate>1</replicate>  <!-- add new users from LDAP to Koha database -->
  <update>0</update>       <!-- update existing users in Koha database -->

  <auth_by_bind>1</auth_by_bind>
  <principal_name>%s</principal_name> <!-- optional, for auth_by_bind: a printf format to make use

  <mapping>                  <!-- match koha SQL field names to your LDAP record field names -->
    <firstname is="givenname" ></firstname>
    <surname   is="sn"         ></surname>
    <address   is="ffzg-ml_postanska_adresa_0" ></address>
  <!--
    <city      is="ffzg-prebivaliste_mjesto" ></city>
  -->
    <city      is="ffzg-ml_postanska_adresa_1" ></city>
    <zipcode   is="ffzg-prebivaliste_postanski_broj"></zipcode>

    <branchcode is="local-branch"          >FFZG</branchcode>
    <userid      is="hredupersonuniqueid"  ></userid>
    <password    is="userpassword"        ></password>
    <email       is="mail"                 ></email>
    <categorycode is="local-categorycode"  >IMP</categorycode>

    <dateofbirth is="ffzg-datum_rodjenja" ></dateofbirth>
    <sex is="ffzg-spol" ></sex>
    <phone is="ffzg-ml_telefoni_fixed"></phone>
    <mobile is="ffzg-ml_telefoni_mobile"></mobile>

  </mapping>
</ldapserver>
```

### Koristi LDAP rewrite

Da bi sve radilo potrebno je ugasiti `ExtendedPatronAttributes` na <https://10.60.0.252:8443/cgi-bin/koha/admin/preferences.pl?tab=patrons>

### Koha virtual LDAP

Za detalje pogledajte LDAP

Virtuelni LDAP omogućava Kohi da isporučuje podatke preko LDAP-a drugim sustavima, u našem slučaju, kopirkama, vidi SafeQ integration.

Drugi dio sustava je LDAP rewrite koji omogućava korištenje login@ffzg.hr bez modifikacija kohe.

```
t=0x00000000 [0,0]
```

```
Contents: [KOHA]
```

- KOHA (upgrade)
- KOHA (start server process)

## upgrade

Upgrade na **r61** koji ima podršku za novu koha konfiguraciju i logine bez modifikacije kohe:

```
# tunnel
dpavlin@llin:~$ ssh -R 8022:localhost:22 10.60.0.252

dpavlin@koha-2010-01-06:~$ cd /srv/virtual-ldap/
dpavlin@koha-2010-01-06:/srv/virtual-ldap$ svn update
A    sql
A    sql/organizationalunit.sql
A    sql/group.sql
A    sql/hreduperson.sql
U    lib/LDAP/Virtual.pm
U    lib/LDAP/Koha.pm
U    bin/ldap-rewrite.pl
Updated to revision 61.
```

## start server process

```
dpavlin@koha-upgrade:~$ screen -S virtual-ldap
```

Pokrenuti server (inače to radi monit, ali on je deinstaliran da ne gnjavi)

```
dpavlin@koha-upgrade:~$ cd /srv/virtual-ldap/
dpavlin@koha-upgrade:/srv/virtual-ldap$ ./bin/virtual-ldap.pl
LDAP server listening on port 1389
```

Žudan dependency koji ne bi trebao postojati (kako radi na produkciji?)

```
dpavlin@koha-upgrade:/srv/virtual-ldap$ ./bin/virtual-ldap.pl
Can't locate Net/LDAP/Server.pm in @INC (@INC contains: lib /etc/perl /usr/local/lib/perl/5.10.0
BEGIN failed--compilation aborted at lib/LDAP/Virtual.pm line 12, <DATA> line 96.
Compilation failed in require at ./bin/virtual-ldap.pl line 7, <DATA> line 96.
BEGIN failed--compilation aborted at ./bin/virtual-ldap.pl line 7, <DATA> line 96.
```

```
dpavlin@koha-upgrade:/srv/virtual-ldap$ sudo apt-get install libnet-ldap-server-perl
```

# Zebra start

```
dpavlin@koha-upgrade:~$ sudo /usr/share/koha/bin/koha-zebra-ctl.sh start
Starting Zebra Server
```

# Remove monit

```
dpavlin@koha-dev:~$ sudo apt-get remove monit
```

```
dpavlin@koha-dev:~$ grep koha /etc/inittab
k1:2:respawn:/srv/virtual-ldap/safeq-ldap-koha.sh
k2:2:respawn:/srv/virtual-ldap/koha-ldap-rewrite.sh
```

```
dpavlin@koha-dev:~$ grep zebra /etc/rc.local
/usr/share/koha/bin/koha-zebra-ctl.sh start
```