

Installation or update

Download the latest version of the zimlet package from <https://www.intalio.pl/en/zi-licensesystem-downloads> and unpack it in /tmp (as root):

```
cd /tmp
wget https://www.intalio.pl/sites/default/files/modules-files/zi-licensesystem-1.0.15-zimbra9.tar_.gz
tar xvzf ./zi-licensesystem-1.0.15-zimbra9.tar_.gz
```

Run installation script (as root):

```
cd ./ZI-LicenseSystem-1.0.15-Zimbra9/
perl ./ZI-Installer --install-deps
```

At the beginning required perl packages will be installed if they are not available in the system already:

```
o JSON.....ok (v2.94)
o String::Random.....ok (v0.30)
o Text::ASCIITable.....ok (v0.22)
o File::Copy::Recursive.....ok (v0.44)
o Archive::Zip.....ok (v1.64)
o Archive::Zip::MemberRead.....ok (v1.64)
o File::chmod.....ok (v0.42)
o File::chmod::Recursive.....ok (v1.0.3)
o JSON.....ok (v2.94)
o String::Random.....ok (v0.30)
o Text::ASCIITable.....ok (v0.22)
o LWP::Authen::Basic.....ok (v6.26)
o LWP::Authen::Digest.....ok (v6.26)
o LWP::Protocol::cpan.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::data.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::file.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::ftp.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::gopher.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::http.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::https.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::ldap.....Not installed! Use: 'apt-get install -y libnet-ldap-perl' (required - Provide LDAP support for LWP::UserAgent)
o LWP::Protocol::ldaps.....Not installed! Use: 'apt-get install -y libnet-ldap-perl' (required - Provide LDAP support for LWP::UserAgent)
o LWP::Protocol::loopback.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::nntp.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::nogo.....FAILED! Not all prerequisites for this module correctly installed.
o LWP::UserAgent.....FAILED! Not all prerequisites for this module correctly installed.
o Term::ReadKey.....Not installed! Use: 'apt-get install -y libterm-readkey-perl' (required - A perl module for simple terminal control)
o URI::URL.....ok (v5.04)
o URI::http.....ok (v1.71)
o File::Copy::Recursive.....ok (v0.44)
o Try::Tiny.....Not installed! Use: 'apt-get install -y libtry-tiny-perl' (required - Try::Tiny - Minimal try/catch with proper preservation of $@)
o Archive::Zip.....ok (v1.64)
o Archive::Zip::MemberRead.....ok (v1.64)
o JSON.....ok (v2.94)
o String::Random.....ok (v0.30)
o Text::ASCIITable.....ok (v0.22)
o File::Copy::Recursive.....ok (v0.44)
o Archive::Zip.....ok (v1.64)
o Archive::Zip::MemberRead.....ok (v1.64)
o File::chmod.....ok (v0.42)
o File::chmod::Recursive.....ok (v1.0.3)
```

The script has the appropriate root privileges.
Install the missing modules? (Y/n or exit):

Answer: Y and wait until package manager finishes its work:

System check dependencies....

- o JSON.....ok (v2.94)
- o String::Random.....ok (v0.30)
- o Text::ASCIITable.....ok (v0.22)
- o File::Copy::Recursive.....ok (v0.44)
- o Archive::Zip.....ok (v1.64)
- o Archive::Zip::MemberRead.....ok (v1.64)
- o File::chmod.....ok (v0.42)
- o File::chmod::Recursive.....ok (v1.0.3)
- o JSON.....ok (v2.94)
- o String::Random.....ok (v0.30)
- o Text::ASCIITable.....ok (v0.22)
- o LWP::Authen::Basic.....ok (v6.26)
- o LWP::Authen::Digest.....ok (v6.26)
- o LWP::Protocol::cpan.....ok (v6.26)
- o LWP::Protocol::data.....ok (v6.26)
- o LWP::Protocol::file.....ok (v6.26)
- o LWP::Protocol::ftp.....ok (v6.26)
- o LWP::Protocol::gopher.....ok (v6.26)
- o LWP::Protocol::http.....ok (v6.26)
- o LWP::Protocol::https.....ok (v6.06)
- o LWP::Protocol::ldap.....ok (v1.25)
- o LWP::Protocol::ldaps.....ok (undef)
- o LWP::Protocol::loopback.....ok (v6.26)
- o LWP::Protocol::nntp.....ok (v6.26)
- o LWP::Protocol::nogo.....ok (v6.26)
- o LWP::UserAgent.....ok (v6.26)
- o Term::ReadKey.....ok (v2.37)
- o URI::URL.....ok (v5.04)
- o URI::http.....ok (v1.71)
- o File::Copy::Recursive.....ok (v0.44)
- o Try::Tiny.....ok (v0.30)
- o Archive::Zip.....ok (v1.64)
- o Archive::Zip::MemberRead.....ok (v1.64)
- o JSON.....ok (v2.94)
- o String::Random.....ok (v0.30)
- o Text::ASCIITable.....ok (v0.22)
- o File::Copy::Recursive.....ok (v0.44)
- o Archive::Zip.....ok (v1.64)
- o Archive::Zip::MemberRead.....ok (v1.64)
- o File::chmod.....ok (v0.42)
- o File::chmod::Recursive.....ok (v1.0.3)

```
PostinstallCommand
mysqlNewUser
InstallDeps
mysqlNewDatabaseName
NoDatabase
DatabaseConfigLocation
NoAsk
installConfigPath
mysqlNewPassword
ZimletDirName
RestartZimbra
NoActivate
mysqlPort
zimbraPath
version
SqlFile
mysqlHost
DatabaseConfigFormat
ZI-Installer: "NoDatabase" was set. Database configuration will be ignored
```

```
-----CONFIG-----
DatabaseConfigFormat          -->
DatabaseConfigLocation        -->
installConfigPath             --> zi-install-conf.json
InstallDeps                   -->
mysqlHost                     -->
mysqlNewDatabaseName          -->
mysqlNewPassword               -->
mysqlNewUser                   -->
mysqlPort                     -->
NoActivate                     --> 1
NoAsk                         -->
NoDatabase                     --> 1
PostinstallCommand            -->
RestartZimbra                 -->
SqlFile                       -->
Update                        --> 0
version                       -->
zimbraPath                    --> /opt/zimbra
ZimletDirName                  --> IntalioZiLicenseSystem
-----
```

Mailboxd service won't be restarted automatically.

Proceed? (Y/n or exit):

Type: Y and press Enter

```

PostinstallCommand      -->
RestartZimbra           -->
SqlFile                 -->
Update                  --> 0
version                 -->
zimbraPath               --> /opt/zimbra
ZimletDirName            --> IntalioZiLicenseSystem
-----

Mailboxd service won't be restarted automatically.
Proceed? (Y/n or exit): y
Installation starting.....
Creating zimlet directory...
Removing earlier version....
Earlier versions not found...
Copying Extensions...
Copying helpers...
Copying script libs...
Setting permissions...
Looking for zip files in Zimlets directory...
Found 1 files
Starting deploy....
2022-09-06 09:27:24,956 [main] INFO : Deploying Zimlet intalio_zi_license_system in LDAP.
2022-09-06 09:27:25,166 [main] INFO : Installing Zimlet intalio_zi_license_system on this host.
2022-09-06 09:27:25,216 [main] INFO : Upgrading Zimlet intalio_zi_license_system to 1.0.15.15
2022-09-06 09:27:25,270 [main] INFO : Enabling Zimlet intalio_zi_license_system
Deploy complete
Restart zimbra? (Y/n or exit): n
Done

```

In the last step you will be asked to restart mailbox service. **You can skip it (answer: N) and restart mailbox service manually later but until that zimlet will not work properly.**

If you are going to install another zimlet right after this one it's not necessary to restart mailbox at this point and you can do it only once after installing the last one.

Revision #3

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