

# Installation or update

**It is necessary to have ZI-LicenseSystem already installed in the system prior to any other ZI-\* zimlet installation.** Check here: [ZI-LicenseSystem - Installation or update](#)

To update zimlet to the newer version just follow the installation steps and when the installer asks you if you want to update answer: Y

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

```
cd /tmp
wget https://www.intalio.pl/sites/default/files/modules-files/zi-access-1.9-zimbra9.tar__0.gz
tar xvzf zi-access-1.9-zimbra9.tar_.gz
```

Be sure to download zimlet designed for your Zimbra release eg. 8.8.15 or 9.0.0

Run installation script (as root):

```
cd ./ZI-Access-1.9-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 the 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)

```

mysqlNewUser
ZimletDirName
mysqlNewPassword
NoAsk
installConfigPath
RestartZimbra
NoActivate
zimbraPath
InstallDeps
mysqlNewDatabaseName
DatabaseConfigLocation
mysqlHost
mysqlPort
SqlFile
NoDatabase
PostinstallCommand
DatabaseConfigFormat
version
ZI-Installer: "mysqlNewPassword" is not specified, use 3QPIYEsDjQ91fKm6uDjn081Ww3AXtwh9 password instead
ZI-Installer: "mysqlHost" is not specified, use 127.0.0.1 host instead
ZI-Installer: "mysqlPort" is not specified, use 7306 port instead

-----CONFIG-----
DatabaseConfigFormat      --> CS
DatabaseConfigLocation    --> ./Extensions/db.properties
installConfigPath         --> zi-install-conf.json
InstallDeps               -->
mysqlHost                 --> 127.0.0.1
mysqlNewDatabaseName      --> intalioAuth
mysqlNewPassword          --> 3QPIYEsDjQ91fKm6uDjn081Ww3AXtwh9
mysqlNewUser              --> user_intalioauth
mysqlPort                 --> 7306
NoActivate                -->
NoAsk                     -->
NoDatabase                -->
PostinstallCommand        -->
RestartZimbra             -->
SqlFile                   -->
Update                    --> 0
version                   -->
zimbraPath                --> /opt/zimbra
ZimletDirName             --> IntalioZiAccess
-----

Mailboxd service won't be restarted automatically.
Proceed? (Y/n or exit): y

```

Type: Y and press Enter

```

SqlFile          -->
Update           --> 0
version          -->
zimbraPath       --> /opt/zimbra
ZimletDirName    --> IntalioZiAccess
-----

Mailboxd service won't be restarted automatically.
Proceed? (Y/n or exit): y
Installation starting.....
Creating database...
Creating connection string file....
Creating zimlet directory...
Removing earlier version...
Earlier versions not found...
Copying Extensions...
Copying helpers...
Copying files:
helpers/config.json -> /opt/zimbra/lib/ext/IntalioZiAccess/config.json
Copying script libs...
Setting permissions...
Looking for zip files in Zimlets directory...
Found 2 files
Starting deploy....
2022-09-06 10:25:25,589 [main] INFO : Deploying Zimlet intalio_zi_access in LDAP.
2022-09-06 10:25:25,782 [main] INFO : Installing Zimlet intalio_zi_access on this host.
2022-09-06 10:25:25,818 [main] INFO : Upgrading Zimlet intalio_zi_access to 1.9.124
2022-09-06 10:25:25,876 [main] INFO : Enabling Zimlet intalio_zi_access
2022-09-06 10:25:32,519 [main] INFO : Deploying Zimlet intalio_zi_access_9 in LDAP.
2022-09-06 10:25:32,674 [main] INFO : Installing Zimlet intalio_zi_access_9 on this host.
2022-09-06 10:25:32,725 [main] INFO : Upgrading Zimlet intalio_zi_access_9 to 1.9.0
2022-09-06 10:25:32,793 [main] INFO : Adding Zimlet intalio_zi_access_9 to COS default
2022-09-06 10:25:32,842 [main] INFO : Enabling Zimlet intalio_zi_access_9

```

When the deployment process is done you will be asked to provide the login and password that you can find in the license documents you received from us:

```

Please enter your login/email: zimbrademo
Enter your password:

```

Choose the license number (usually you will see only one option), press Enter, verify that the details are correct and proceed by answering Y

```

+-----+-----+-----+
|                               | Licenses |
+-----+-----+-----+
| Nr | license_number | description |
+-----+-----+-----+
| 1  | n[REDACTED]    | ZI-License for Intalio ZimbraDemo |
| 2  | 8[REDACTED]    | ZI-License for Intalio ZimbraDemo (for Trial testing) |
+-----+-----+-----+

```

Extensions in license number: n[REDACTED]							
Nr	name	extension_number	start_date	end_date	version	support	user_limit
1	ZI-Piler	[REDACTED]	2019-03-21	2099-12-31	2.x	2050-12-31	1000
2	ZI-Knock	[REDACTED]	2020-04-30	2023-04-29	1.x	2050-12-31	500
3	ZI-Access	[REDACTED]	2019-06-03	2099-12-31	1.x	2050-12-31	9999
4	ZI-MailApproval	[REDACTED]	2019-06-04	2099-12-31	1.x	2050-12-31	9999
5	ZI-ADPassword	[REDACTED]	2019-01-01	2099-03-03	1.x	2022-03-03	2000
6	ZI-Chat	[REDACTED]	2019-06-04	2099-12-31	2.x	2050-12-31	9999
7	ZI-PolicyD	[REDACTED]	2020-09-08	2099-12-31	2.x.x	2050-12-31	0
8	ZI-PassRecovery	[REDACTED]	2021-07-08	2099-12-31	1.x	2022-07-07	9999
9	ZI-SecurityIncident	[REDACTED]	2020-09-11	2099-09-29	1.x	2099-09-11	100000

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

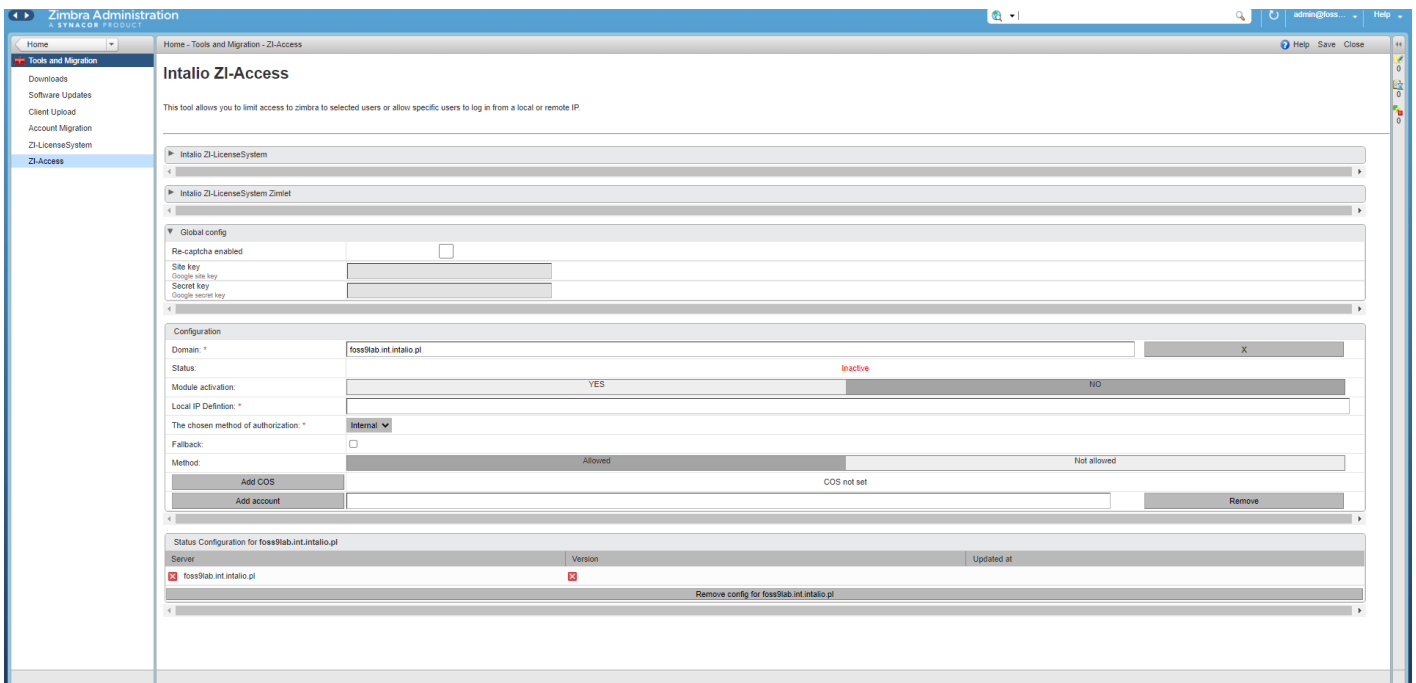
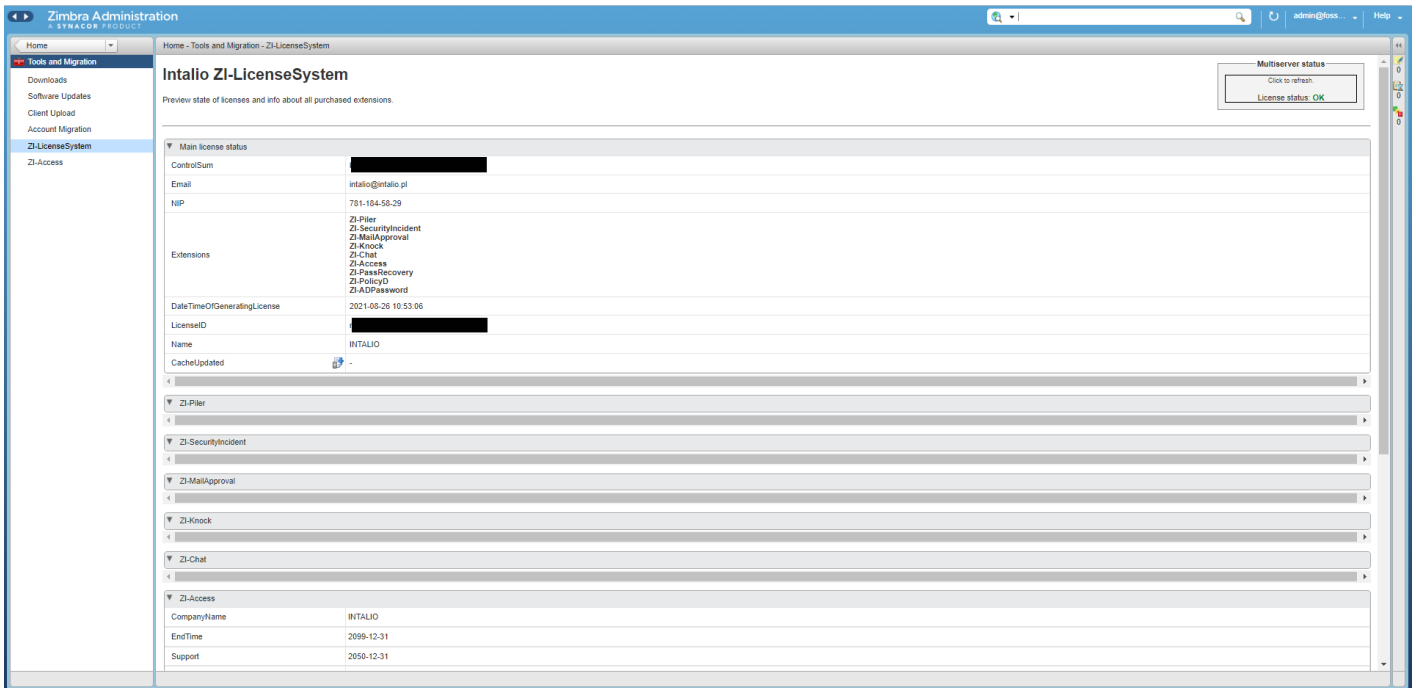
```
Proceed? (Y/n or exit): y
Downloading license...
Saving license.....
Saving complete!
Activating Main License - version 1.0.15.3...
New zimbra version
Starting activation process.
Message from the activation server: Main license has been activated!
You have the right to activate the license.
New activation - ok
Reponse is 0
Activate ZI-Access - version 1.9.1....
New zimbra version
Starting activation process.
Message from the activation server: Extension was activated!
You have the right to activate the license.
New activation - ok

Thanks for activation!
Deleting cache...
Cache deleted

##### INFO #####
After license reactivation there's no need to restart zimbra
##### INFO #####

Restart zimbra? (Y/n or exit):
```

After the mailboxd restart, zimlet should be installed. To check it, log in to the Administration Console of your ZCS Server and navigate to Tools and Migration > ZI-LicenseSystem where you can find details about granted licenses or Tools and Migration > ZI-Access where you can configure your zimlet.



## reCAPTCHA (only in v2.x)

To be able to use the reCaptcha feature you have to **manually copy** the whole content of the helpers/reCaptcha\_patch.html file to the /opt/zimbra/jetty/webapps/zimbra/public/login.jsp file **right before** the

```
</body>
</html>
```

tags at the end of it.



After any Zimbra patch installation or Zimbra upgrade it is possible that the `/opt/zimbra/jetty/webapps/zimbra/public/login.jsp` may be overwritten so you have to check that proper reCaptcha script is in there after you finish updating your Zimbra.

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