

# 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 example:

```
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 3QPIYEsDjQ91fKm6uDjn08lWW3AXtwh9 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          --> 3QPIYEsDjQ91fKm6uDjn08lWW3AXtwh9
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	np [REDACTED]	ZI-License for Intalio ZimbraDemo
2	8 [REDACTED]	ZI-License for Intalio ZimbraDemo (for Trial testing)

Please choose from 1-2 option or type exit

Your option: 1

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

```
Proceed? (Y/n or exit):
```

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.**

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

```

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

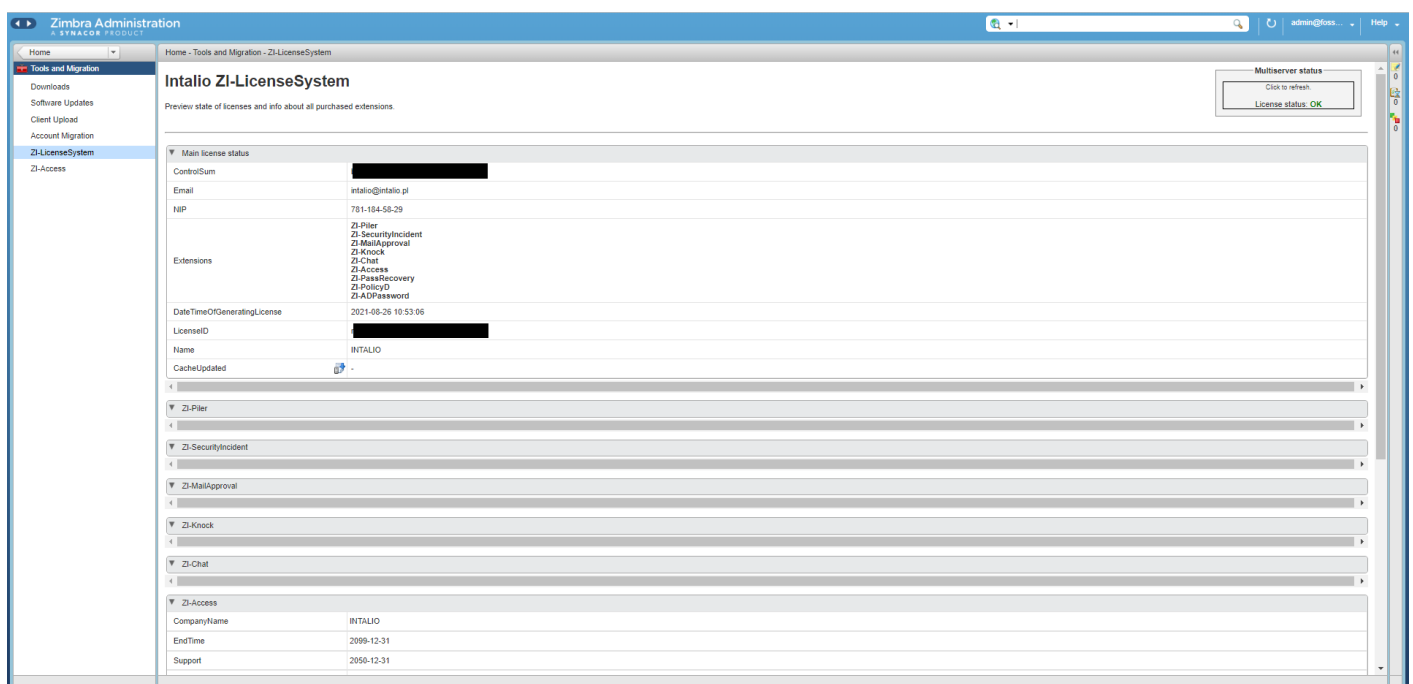
Thanks for activation!
Deleting cache...
Cache deleted

##### 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.



**Zimbra Administration**

Home - Tools and Migration - ZI-LicenseSystem

### Intalio ZI-LicenseSystem

Preview state of licenses and info about all purchased extensions.

**Main license status**

ControlSum	[REDACTED]
Email	intalio@intalio.pl
HP	781-104-58-29
Extensions	<ul style="list-style-type: none"> <li>ZI-Piler</li> <li>ZI-SecurityIncident</li> <li>ZI-MailApproval</li> <li>ZI-Knock</li> <li>ZI-Chat</li> <li>ZI-Access</li> <li>ZI-PassRecovery</li> <li>ZI-PolicyD</li> <li>ZI-ADPassword</li> </ul>
DateTimeOfGeneratingLicense	2021-08-25 10:53:06
LicenseID	[REDACTED]
Name	INTALIO
CacheUpdated	[REDACTED]

**ZI-Piler**

**ZI-SecurityIncident**

**ZI-MailApproval**

**ZI-Knock**

**ZI-Chat**

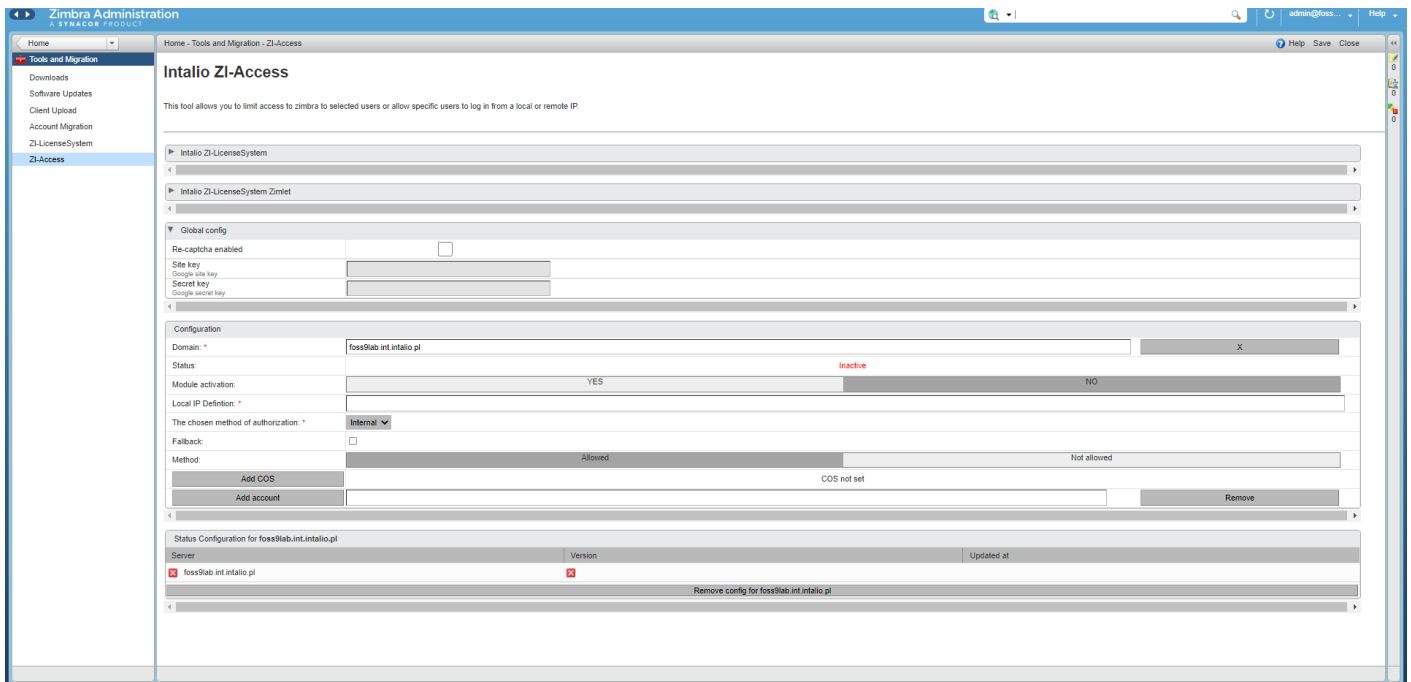
**ZI-Access**

CompanyName	INTALIO
EndTime	2099-12-31
Support	2050-12-31

**Multiserver status**

Click to refresh

License status: **OK**



## 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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