ZI-LicenseSystem

- Installation or update
- License reactivation

Installation or update

Download the latest version of the zimlet package from <u>https://www.intalio.pl/en/zi-licensesystem-</u> 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
o String::Randomok (v0.30)
o Text::ASCIITableok (v0.22)
o File::Copy::Recursiveok (v0.44)
o Archive::Zipok (v1.64)
o Archive::Zip::MemberReadok (v1.64)
o File::chmodok (v0.42)
o File::chmod::Recursiveok (v1.0.3)
o JSONok (v2.94)
o String::Randomok (v0.30)
o Text::ASCIITable
o LWP::Authen::Basicok (v6.26)
o LWP::Authen::Digestok (v6.26)
o LWP::Protocol::cpan
o LWP::Protocol::data
o LWP::Protocol::file
o LWP::Protocol::ftpFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::gopherFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::httpFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::httpsFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::ldapNot installed! Use: 'apt-get install -y libnet-ldap-perl' (required - Provide LDAP support for LWP::UserAgent)
o LWP::Protocol::ldapsNot installed! Use: 'apt-get install -y libnet-ldap-perl' (required - Provide LDAP support for LWP::UserAgent)
o LWP::Protocol::loopbackFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::nntpFAILED! Not all prerequisites for this module correctly installed.
o LWP::Protocol::nogoFAILED! Not all prerequisites for this module correctly installed.
o LWP::UserAgentFAILED! Not all prerequisites for this module correctly installed.
o Term::ReadKeyNot installed! Use: 'apt-get install -y libterm-readkey-perl' (required - A perl module for simple terminal control)
o URI::URLok (v5.04)
o URI::httpok (v1.71)
o File::Copy::Recursiveok (v0.44)
o [ry::]inyNot installed! Use: 'apt-get install -y libtry-tiny-perl' (required - lry::]iny - Minimal try/catch with proper preservation of 🆗)
o Archive::Zipok (v1.64)
o Archive::/lp:://emberKeadok (V1.04)
o JSUN
o String: nandom
o Text: Astrilable
o Archiveok (v0.44)
o Archive:7211ManhanRaad ak (v1.64)
o File: c_{rest}
o File: chand: Recursive $o(v_1, v_2)$
o rich important in the second s
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:

yst	tem check dependencies	
о	JSONok	(v2.94)
о	String::Randomok	(v0.30)
о	Text::ASCIITableok	(v0.22)
о	<pre>File::Copy::Recursiveok</pre>	(v0.44)
о	Archive::Zipok	(v1.64)
о	Archive::Zip::MemberReadok	(v1.64)
о	File::chmodok	(v0.42)
о	File::chmod::Recursiveok	(v1.0.3)
о	JSONok	(v2.94)
о	String::Randomok	(v0.30)
о	Text::ASCIITableok	(v0.22)
о	LWP::Authen::Basicok	(v6.26)
о	LWP::Authen::Digestok	(v6.26)
о	LWP::Protocol::cpanok	(v6.26)
о	LWP::Protocol::dataok	(v6.26)
о	LWP::Protocol::fileok	(v6.26)
о	LWP::Protocol::ftpok	(v6.26)
о	LWP::Protocol::gopherok	(v6.26)
о	LWP::Protocol::httpok	(v6.26)
о	LWP::Protocol::httpsok	(v6.06)
о	LWP::Protocol::ldapok	(v1.25)
о	LWP::Protocol::ldapsok	(undef)
о	LWP::Protocol::loopbackok	(v6.26)
о	LWP::Protocol::nntpok	(v6.26)
о	LWP::Protocol::nogook	(v6.26)
о	LWP::UserAgentok	(v6.26)
о	Term::ReadKeyok	(v2.37)
о	URI::URLok	(v5.04)
о	URI::httpok	(v1.71)
о	File::Copy::Recursiveok	(v0.44)
о	Try::Tinyok	(v0.30)
о	Archive::Zipok	(v1.64)
о	Archive::Zip::MemberReadok	(v1.64)
о	JSONok	(v2.94)
о	String::Randomok	(v0.30)
о	Text::ASCIITableok	(v0.22)
0	File::Copy::Recursiveok	(v0.44)
0	Archive::Zipok	(v1.64)
0	Archive::Zip::MemberReadok	(v1.64)
0	File::chmodok	(v0.42)
0	File::chmod::Recursiveok	(v1.0.3)

S

PostinstallCommand mysq1NewUser InstallDeps mysqlNewDatabaseName NoDatabase DatabaseConfigLocation NoAsk installConfigPath mysqlNewPassword ZimletDirName RestartZimbra NoActivate mysqlPort zimbraPath version SqlFile mysq1Host DatabaseConfigFormat ZI-Installer: "NoDatabase" was set. Database configuration will be ignored -----CONFIG-----DatabaseConfigFormat DatabaseConfigLocation installConfigPath --> zi-install-conf.json InstallDeps mysqlHost mysqlNewDatabaseName mysqlNewPassword mysq1NewUser 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 resta	arted 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 Zimlet	s directory
Found 1 files	
Starting deploy	
2022-09-06 09:27:24,956 [main]	<pre>INFO : Deploying Zimlet intalio_zi_license_system in LDAP.</pre>
2022-09-06 09:27:25,166 [main]	<pre>INFO : Installing Zimlet intalio_zi_license_system on this host.</pre>
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.

License reactivation

When you renew your ZI-license for the next year, or increase the number of users, you have to reactivate your licenese to update the Zimbra server with the new data.

This operation should be done on every Zimbra mailbox server.

The procedure

1. Log to the Zimbra mailbox server as zimbra user

\$ sudo su - zimbra

2. Run ZI-LicenseManager command

\$ /opt/zimbra/bin/ZI-LicenseManager

3. Enter **your login** and **password** from the ZI-License document.

Please enter your login/email: <YOUR_LOGIN>
Enter your password: <YOUR_PASSWORD>

4. Choose your license (insert number)

Licenses				
+				
Nr license_number description				
+				
1 nprFvwVdDb0P4N8AjG2noPKa ZI-License for Intalio ZimbraDemo				
2 8lxJmjMGYsMm2S3bIht84dbh ZI-License for Intalio ZimbraDemo (for Trial testing)				
+				
Please choose from 1-2 option or type exit				
Your option: 1				

5. Check your extensions information and proceed if they are correct

.-----.

1	Extensions in license number:			
nprFvwVdDb0P4N8AjG2noPKa		1		
++	+	-+++++		
++				
Nr name	extension_number	start_date end_date version		
support user_limit				
++	+	-++++		
++				
1 ZI-Access	JdZSEwqpnXkxPcGGHsQAvXFh	2019-06-03 2099-12-31 x.x		
2050-12-31 9999				
2 ZI-Knock	bLBFfFfwImJEzFXxuBlUYyma	2020-04-30 2035-12-31 1.x		
2050-12-31 500				
3 ZI-MailApproval	qTAsWHjRxqvYhjhmRBgRPKVP	2019-06-04 2099-12-31 2.x		
2050-12-31 9999				
4 ZI-Piler	BqHNHIizRKlHUBZlwsJtLGsM	2019-03-21 2099-12-31 2.x		
2050-12-31 1000				
5 ZI-Chat	ErTpBsMIKZDrxVXgldGxogrD	2019-06-04 2099-12-31 2.x		
2050-12-31 9999				
6 ZI-ADPassword	OEhUkYOaeVJUQNBwlRYuGnqs	2019-01-01 2099-03-03 1.x		
2024-02-01 2000				
7 ZI-SecurityIncident	LyGXXqyqEtaMmkmKThtGwCLq	2020-09-11 2099-09-29 1.x		
2099-09-11 100000				
8 ZI-PolicyD	TGYySFbnDuzoRvPthvNumeWr	2020-09-08 2099-12-31 2.x.x		
2050-12-31 100				
9 ZI-PassRecovery	dbZnp0qx0jQVHGicTWVvRrDR	2021-07-08 2099-12-31 1.x		
2024-05-08 9999				
'+	+	-+++++		
+'				
Proceed? (Y/n or exit): y				

6. Check, if every extension in your license is activated (output: New activation - ok)

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

If the activation process has finished with different output, check Troubleshooting section belowe.

7. You don't have to restart Zimbra, so choose "n"

8. Check if the license info is correct in the Zimbra admin panel (**Tools and Migration -> ZI-**LicenseSystem)

Home	Home - Tools and Migration - ZI-LicenseSystem			
Tools and Migration Downloads Client Upload Software Updates Account Migration	Intalio ZI-LicenseSystem Click to refresh. License status: OK			
Search Mail	V Main license status			
ZI-LicenseSystem	ControlSum	346c10f92aee85ec2187860598042047		
ZI-Piler	Email	intalio@intalio.pl		
ZI-Access	NIP	781.184.58.29		
ZI-SecurityIncident	Extensions	ZI-Piler ZI-SecurityIncident ZI-MailApproval ZI-Knock ZI-Chat ZI-Access ZI-PassRecovery ZI-PolicyD ZI-ADPassword		
	DateTimeOfGeneratingLicense	2023-03-13 07:04:01		
	LicenseID	nprFvwVdDbOP4N8AjG2noPKa		
	Name	INTALIO		
	CacheUpdated	2023-04-11T11:53:19.272586177		
	▼ ZI-Piler CompanyName EndTime Support IsTrial Version StartTime ZimletName	INTALIO 2099-12-31 2050-12-31 false 2.x 2019-03-21 ZI-Piler		
	UserLimit	1000		
	•	•		

Troubleshooting

If the license activiation ends with error

```
Permission denied at /opt/zimbra/bin/ZI-LicenseManager line 251, <STDIN> line 4.
```

change the permission of **ZiLicense.license** file to zimbra (you have to do it as root user)

```
chown zimbra.zimbra /opt/zimbra/common/conf/ZiLicense.license
```