

Release Notes X/P Messenger + Listener 4.5

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1 Messenger changes

1.1 improvements

ID	Summary
PXP-3906	Automatic selection of certificates for encryption, signatures and TLS client authentication based on the keypurpose defined in the certificate (AS4-BDEW)
PXP-3905	LDAP servers of SubCAs in the SM-PKI can be queried for certificates and communication details. Partner profiles are updated on creation and when manually updated (AS4-D BDEW)
PXP-3908	Timestamp of the AS4 receipt message is propagated to the Adapter-API (AS4-D BDEW)
PXP-3951	Added variables %MESSAGEID_WITHOUT_DOMAIN% and %MESSAGE_CREATION_DATE% for packaging settings (AS4-D BDEW)
PXP-3915	Added functionality to request a BDEW Certificate Triple (AS4-D BDEW)
PXP-3938	HTTPS communication is now supporting brainpool TLS certificates (AS4-D BDEW)
PXP-3696	HTTP Adapter now provides ACKs
PXP-3916	Added possibility to set a TEST or PRODUCTION environment for messenger, enabling environment based properties with patches
PXP-4011	Routing of Messages is now possible based on file name or extension
PXP-3922	Outbound messages are now displayed in Message Monitor even if the message processing fails at an early stage (activation invalid, maintenance mode or message type cannot be detected)
PXP-3984	Increased default worker counts in order to make better use of the available resources
PXP-3864	Enhanced REST API to get PingAll results
PXP-3884	Adapter API 2 supports now ErrorNotifications for failed inbound messages
PXP-3786	Implemented sendMessageSynchronously for Adapter API 2 on Messenger side
PXP-3991	Adapter API 2 supports JAVA 11 and newer
PXP-3867	Updated JRE version to 21.0.2
PXP-4016	It is configurable that HttpClient can use only HTTP/1.1 while default is HTTP/2 and HTTP/1.1

1.2 bugfixes

ID	Summary
PXP-3958	Deleting several ACKS and Messages in sequence caused DB issues
PXP-3929	Could not change 'Parallel Deliveries' for imported Partner in GUI
PXP-3854	ClassCastException occurred while verifying RAW signature
PXP-3855	The TestFlag set in the message envelope overwrote the value of TestFlag set by the Adapter
PXP-3859	Wrong display of the remaining days for the trial license
PXP-3857	Messages sent via the Adapter API2 were not checked for duplicates in the process state
PXP-3830	Removed the option to request a certificate for remote Partner
PXP-3941	Saving of messenger settings was not possible if unknown LogCode existed in the messenger.xml
PXP-3957	Messenger could not be started when using HSQL DB
PXP-3848	Automatic resending of messages on TransmissionExceptions in Adapter API 2 is now avoided
PXP-3847	Message Id in payload was ignored by sending messages with Adapter API 2
PXP-3835	Multiple email receivers could not be saved for email notifications
PXP-3831	Different entries or Email Notifications with the same email address were overriding the previous entries
PXP-3814	Invalid cronjob for Email notification could be saved in GUI
PXP-3815	Inbound Queue could not be reconstructed if imported remote partner was deleted
PXP-3841	Empty values for username/password in Agreement settings caused Message failure
PXP-3842	Line breaks OnAdapterStatus did not close the connection in Adapter API 2
PXP-3850	Could not resend message to adapter multiple times

ID	Summary
PXP-3849	Adapter API 2 idle connections caused ERRORS in messenger.log
PXP-3912	HTTP communication to adapters using adapter-api v1.0 had a fixed idle timeout of 30 seconds, now it is equal to the processing timeout that is defined by the adapter.
PXP-3797	Added missing Error log when PONTON activation server was unreachable
PXP-3791	Usersettings accepted OBFUSCATED_VALUE (***) as a valid password
PXP-3782	Schemasets selection on agreement page did not work as expected
PXP-3763	Agreements were unavailable in cluster mode
PXP-3793	Supported Oracle database version logged as unsupported database
PXP-3792	Avoided NullPointerException when sender/receiver internalId is not set
PXP-2536	Hotfolder adapter does not recognize supported file extension when file names contain dots
PXP-3914	Messages can be requeued while they are still in delivery
PXP-3909	It is now possible to import binary certificates with the GUI
PXP-3920	Adapter API 2 stops receiving Messages after reconnection
PXP-3946	New Partner certificate was wrongly marked as invalid
PXP-3948	Remote Partner list was not shown for FTP user
PXP-3963	Resend to adapter does not work if message data is already in work folder
PXP-3988	Unknown Sender is logged twice
PXP-3983	Agreements timestamps shown in the Agreement-List page are incorrect
PXP-3923	Partner selectboxes in GUI show unsorted partner list



1.3 known issues

ID	Summary

2 Listener changes

2.1 bugfixes

ID	Summary
PXP-3778	Listener configuration page had empty selectboxes
PXP-3968	Binary certificates for the listener Client/CA can now be uploaded
PXP-3829	Removed unclear listener log when listener is disabled

2.2 improvements

ID	Summary
PXP-3919	Made SNI server check configurable in Listener

2.3 known issues

ID	Summary

3 Downloads

3.1 Download links of Messenger version 4.5.0

full distribution 4.5.0 with JRE 21.0.2 (Windows): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Messenger-4.5.0-Windows.zip>

update patch from 3.7.0 to 4.5.0 including JRE 21.0.2

(Windows): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Messenger-4.5.0-Windows-patch.zip>

full distribution 4.5.0 with JRE 21.0.2 (Linux): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Messenger-4.5.0-Linux.zip>

update patch from 3.7.0 to 4.5.0 including JRE 21.0.2

(Linux): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Messenger-4.5.0-Linux-patch.zip>

3.2 Download link to Messenger Adapter API 1.0

optional Adapter API 1.0 extension: <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-AdapterAPI-4.5.0.zip>

⚠ This extension is only needed if an external Adapter is used, which communicates with the Messenger through the Adapter API 1.0.

Installation: Copy the included file `pontonxp-adapterapi.jar` to `<PONTONXP_INSTALL_DIR>/lib` and restart the Messenger.

3.3 Download links of Listener version 4.5.0

full distribution 4.5.0 with JRE 21.0.2 (Windows): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Listener-4.5.0-Windows.zip>

full distribution 4.5.0 with JRE 21.0.2 (Linux): <https://www.ponton.de/downloads/xp/4.5.0/PontonXP-Listener-4.5.0-Linux.zip>

4 Migration

4.1 Updating a Messenger version 4.0.0 and later to 4.5.0

1. stop the Messenger
2. extract the patch zip file matching your operating system to the `update/` folder of the Messenger installation.
3. starting the Messenger will apply the patch to the installation.
4. Existing addon- and config-patches will remain unchanged and will continue to work, so no additional action is required.
5. ⚠ Please hard refresh your browser to clear the cache and download the new PONTON X/P GUI, e.g. for Windows as follows:
 - open the PONTON X/P GUI (default URL: <https://localhost:8443/>)
 - hold down `Ctrl` and press `F5`.
6. OPTIONAL: if you are using a stand-alone adapter that uses adapter-API v1.0 then you need to add the library to the `/lib/` folder of the Messenger installation

4.2 Updating a Messenger version 3.7.0 - 3.11.x to 4.5.0

1. ⚠ if there is a config patch installed, make sure to install an updated config patch that is compatible with Messenger version 4.5.0
2. stop the Messenger
3. edit the `server.xml` file from the config folder and search for

```
<Service>GUI</Service>
```

replace it with

```
<Service>REST</Service>
```

4. if there is a `privateagreement.vm` file in `config/partneragreements/private` folder and an EDA config path is installed
 - a. move the file `privateagreement.vm` to `config/agreementTemplates/EDA_private.vm`
 - b. edit the `EDA_private.vm` and replace

```
<PrivateCollaborationAgreement>
```

with

```
<PrivateCollaborationAgreement TemplateId="EDA">
```

- c. edit EDA_private.vm and replace

```
${agreement.partner1}
```

with

```
${agreement.ownPartner.id}
```

- d. edit EDA_private.vm and replace

```
${agreement.partner2}
```

with

```
${agreement.communicationPartner.id}
```

5. extract the patch zip file matching your operating system to the *update/* folder of the Messenger 3.x.x installation.
6. starting the Messenger will apply the patch to the installation.
7. Existing addon- and config-patches will remain unchanged and will continue to work, so no additional action is required.

! Please hard refresh your browser to clear the cache and download the new PONTON X/P GUI, e.g. for Windows as follows:

- open the PONTON X/P GUI (default URL: <https://localhost:8443/>)
- hold down *Ctrl* and press *F5*.

4.3 Updating a Messenger version before 3.7.0 to 4.5.0

Unfortunately there is no patch for older Messenger version.

The main reason for this is, that the patch mechanism has been reworked and therefore the patch files are not compatible.

However the configuration of old Messenger version is compatible and can be reused in the current version

A detailed guide for upgrading can be found

here: https://www.ponton.de/downloads/xp/4.5.0/documents/MigrationGuide4_5_0.pdf

Important: If a Listener is used with the Messenger, then the Listener has to be updated as well, so that both versions are the same.

4.4 Updating a Listener version 3.2.x and later to 4.5.0

1. stop the Listener
2. create a backup copy of the current Listener folder
3. delete everything from the current Listener folder
4. extract the Listener distribution zip to the Listener folder
5. copy the config folder of the backup into the Listener folder (overwriting the default files)
6. start the Listener

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