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## Use of secure SMTP-servers (TLS 1.2/SSL 3.2) with Aleph

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 20
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### Problem Symptoms:

- \* migration to SMTP Exchange 2010, using TLS 1.2 (SSL3.2) is not possible
- \* Aleph mail is not able to authenticate with the SMTP server

Note: TLS = Transport Layer Security; SSL = Secure Sockets Layer.

Cause:

Aleph does not support SSL 3.2 in version 20

### Resolution:

Aleph 22 and Aleph 21 (after with rpc # 2544) do support TLS 1.2/SSL 3.2 in emails sent from the GUI.

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### Additional Information

Text of rpc #2544 (Aleph 21):

Description: GUI, Mail - Add secure SMTP support for TLS1.2/SSL3.2.

Solution: Adding support for TLS and SSL configurations of SMTP server.  
The default is 'NONE', which is no TLS/SSL support.

### Implementation Notes:

In order to activate the new functionality, the following entry should be added in .\alephcom\tab\alephcom.ini under mail section:

```
[Mail]
;
;There are 3 options for SecureConnection type:
;
; NONE
; SSL
```

```
; TLS  
;  
;The default is SecureConnection=NONE  
SecureConnection=NONE
```

It is recommended to use AlephAdm module to configure the mail parameters.

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