

# 1 E-mail

## Overview

To configure e-mail as the delivery channel for messages, you need to configure e-mail as the media type and assign specific addresses to users.

Multiple notifications for single event will be grouped together on the same email thread.

## Configuration

To configure e-mail as the media type:

- Go to *Administration* → *Media types*
- Click on *Create media type* (or click on *E-mail* in the list of pre-defined media types).

The **Media type** tab contains general media type attributes:

[Media type](#) [Message templates](#) [Options](#)

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\* Name

Type

\* SMTP server

SMTP server port

\* SMTP helo

\* SMTP email

Connection security  None  STARTTLS  SSL/TLS

SSL verify peer

SSL verify host

Authentication  None  Username and password

Username

Password

Message format  HTML  Plain text

Description

Enabled

All mandatory input fields are marked with a red asterisk.

The following parameters are specific for the e-mail media type:

Parameter	Description
<i>SMTP server</i>	Set an SMTP server to handle outgoing messages.
<i>SMTP server port</i>	Set the SMTP server port to handle outgoing messages. This option is supported <i>starting with Zabbix 3.0</i> .
<i>SMTP helo</i>	Set a correct SMTP helo value, normally a domain name.

Parameter	Description
<i>SMTP email</i>	<p>The address entered here will be used as the <b>From</b> address for the messages sent.</p> <p>Adding a sender display name (like "Zabbix_info" in <i>Zabbix_info</i> &lt;zabbix@company.com&gt; in the screenshot above) with the actual e-mail address is supported since Zabbix 2.2 version.</p> <p>There are some restrictions on display names in Zabbix emails in comparison to what is allowed by RFC 5322, as illustrated by examples:</p> <p>Valid examples:  <i>zabbix@company.com</i> (only email address, no need to use angle brackets)  <i>Zabbix_info</i> &lt;zabbix@company.com&gt; (display name and email address in angle brackets)  <i>ΣΩ-monitoring</i> &lt;zabbix@company.com&gt; (UTF-8 characters in display name)</p> <p>Invalid examples:  <i>Zabbix HQ</i> <i>zabbix@company.com</i> (display name present but no angle brackets around email address)  <i>"Zabbix\ @\ &lt;H(comment)Q\ &gt;"</i> &lt;zabbix@company.com&gt; (although valid by RFC 5322, quoted pairs and comments are not supported in Zabbix emails)</p>
<i>Connection security</i>	<p>Select the level of connection security:</p> <p><b>None</b> - do not use the <a href="#">CURLOPT_USE_SSL</a> option</p> <p><b>STARTTLS</b> - use the <a href="#">CURLOPT_USE_SSL</a> option with <a href="#">CURLUSESSL_ALL</a> value</p> <p><b>SSL/TLS</b> - use of <a href="#">CURLOPT_USE_SSL</a> is optional</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>SSL verify peer</i>	<p>Mark the checkbox to verify the SSL certificate of the SMTP server.</p> <p>The value of "SSLCALocation" server configuration directive should be put into <a href="#">CURLOPT_CAPATH</a> for certificate validation.</p> <p>This sets cURL option <a href="#">CURLOPT_SSL_VERIFYPEER</a>.</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>SSL verify host</i>	<p>Mark the checkbox to verify that the <i>Common Name</i> field or the <i>Subject Alternate Name</i> field of the SMTP server certificate matches.</p> <p>This sets cURL option <a href="#">CURLOPT_SSL_VERIFYHOST</a>.</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>Authentication</i>	<p>Select the level of authentication:</p> <p><b>None</b> - no cURL options are set (since 3.4.2) <b>Username and password</b> - implies "AUTH=*" leaving the choice of authentication mechanism to cURL (until 3.4.2) <b>Normal password</b> - <a href="#">CURLOPT_LOGIN_OPTIONS</a> is set to "AUTH=PLAIN"</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>Username</i>	<p>User name to use in authentication.</p> <p>This sets the value of <a href="#">CURLOPT_USERNAME</a>.</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>Password</i>	<p>Password to use in authentication.</p> <p>This sets the value of <a href="#">CURLOPT_PASSWORD</a>.</p> <p>This option is supported <i>starting with Zabbix 3.0</i>.</p>
<i>Message format</i>	<p>Select message format:</p> <p><b>HTML</b> - send as HTML</p> <p><b>Plain text</b> - send as plain text</p>

To make SMTP authentication options available, Zabbix server should be compiled with the `--with-libcurl` [compilation](#) option with cURL 7.20.0 or higher.

See also [common media type parameters](#) for details on how to configure default messages and alert processing options.

## User media

Once the e-mail media type is configured, go to the *Administration* → *Users* section and edit user profile to assign e-mail media to the user. Steps for setting up user media, being common for all media types, are described in [this section](#).

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