

## Appendix 2. Changes from 3.4 to 4.0

### Backward incompatible changes

#### General

Changes:

[ZBXNEXT-4247](#) dropped support of the deprecated methods `user.updateprofile`, `user.addmedia`, `user.updatemedia`, `user.deletemedia`, `usergroup.massadd`, `usergroup.massupdate` and `usermedia.get`

[ZBXNEXT-4175](#) E-mail values in API methods `user.get`, `user.create` and `user.update` are represented as array if type of [Media type](#) is e-mail.

#### dashboard

Changes:

[ZBXNEXT-4516](#) renamed dashboard widget types: `actlog` ⇒ `actionlog`, `dscvry` ⇒ `discovery`, `favgrph` ⇒ `favgraphs`, `favmap` ⇒ `favmaps`, `favscr` ⇒ `favscreens`, `hoststat` ⇒ `problemhosts`, `navigationtree` ⇒ `navtree`, `stszbx` ⇒ `systeminfo`, `sysmap` ⇒ `map`, `syssum` ⇒ `problemsbysv` and `webovr` ⇒ `web`

#### drule

Changes:

[ZBX-3783](#) discovery rules cannot be deleted when are used in actions

### Other changes and bug fixes

#### General

Changes:

[ZBXNEXT-4426](#) added a new task API introducing a new method `task.create`.

[ZBXNEXT-4152](#) added possibility to filter IDs by zero. For example: `host.get()` with option `{"proxyids": [0]}` will return hosts monitored by server.

#### apiinfo

Changes:

[ZBX-3783](#) added strict validation of input parameters for `version` method

## **action**

Changes:

[ZBXNEXT-2788](#) added support for not operator in custom expression filter formula

[ZBX-3783](#) added strict validation of input parameters for delete method; added audit

## **correlation**

Changes:

[ZBXNEXT-2788](#) added support for not operator in custom expression filter formula

[ZBX-3783](#) added strict validation of input parameters for delete method; added audit

## **discoveryrule**

Changes:

[ZBXNEXT-2788](#) added support for not operator in custom expression filter formula

[ZBXNEXT-2788](#) added support of value 9 in the filter condition operator

## **drule**

Changes:

[ZBX-3783](#) added strict validation of input parameters for delete method

## **event**

Changes:

[ZBXNEXT-4118](#) event.get: added a new property evaltype and extended tags property to support new value "<operator>"

[ZBXNEXT-4119](#) event.get: returns only problems and corresponding recovery events that match the tag based permission filters

## **item**

Changes:

[ZBXNEXT-4358](#) added new item type "HTTP agent".

## **itemprototype**

Changes:

[ZBXNEXT-4200](#) itemprototype.create, itemprototype.update: added possibility to add

regular items and web items as master items in `master_itemid` property.

## mediatype

Changes:

[ZBXNEXT-4144](#) password field for authentication type "Username and password" was made as optional.

## problem

Changes:

[ZBXNEXT-4118](#) `problem.get`: added a new property `evaltype` and extended `tags` property to support new value "<operator>"

[ZBXNEXT-4119](#) `problem.get`: returns only those events that match the tag based permission filters

## proxy

Changes:

[ZBXNEXT-4411](#) added a new property `auto_compress`.

## trigger

Changes:

[ZBXNEXT-4357](#) `trigger.get`: added a new `selectTriggerDiscovery` option that returns the trigger discovery object in the `triggerDiscovery` property

## usergroup

Changes:

[ZBXNEXT-4119](#) `usergroup.get`: added a new `selectTagFilters` option that returns the array of the tag based permissions objects in the `tag_filters` property

[ZBXNEXT-4119](#) `usergroup.create` and `usergroup.update`: added a new `tag_filters` property

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