

## Appendix 2. Changes from 4.0 to 4.2

### Backward incompatible changes

#### General

#### httptest

Changes:

[ZBXNEXT-4933](#) `httptest.create`, `httptest.update`: dropped support of string format for `headers` and `variables` fields in both web scenario and web scenario step objects.

#### map

Changes:

[ZBXNEXT-4933](#) `map.create`, `map.update`: dropped support of `elementid` in map element object.

### Other changes and bug fixes

#### General

#### dcheck

Changes:

[ZBXNEXT-4938](#) `dcheck.get`: returns new properties `host_source` and `name_source`.

#### discoveryrule

Changes:

[ZBXNEXT-4865](#) `discoveryrule.create`, `discoveryrule.update`, `discoveryrule.get`: added support for Prometheus agents in preprocessing steps.

[ZBXNEXT-5083](#) `discoveryrule.create`, `discoveryrule.update`, `discoveryrule.get`: added support of dependent discovery rules.

[ZBXNEXT-4087](#) `discoveryrule.get`: added new query option `selectPreprocessing`.

[ZBXNEXT-4087](#) `discoveryrule.create`, `discoveryrule.update`: added new property `preprocessing`.

[ZBXNEXT-4877](#) `discoveryrule.get`: added new query option `selectLLDMacroPaths`.

[ZBXNEXT-1190](#) `discoveryrule.get`: added new query option `selectApplicationPrototypes`.

#### drule

Changes:

[ZBXNEXT-4938](#) `drule.create`, `drule.update`: added new options `host_source` and `name_source` in `dchecks` array.

## host

Changes:

[ZBXNEXT-4731](#) `host.create`, `host.update`: added new property `tags`.

[ZBXNEXT-4731](#) `host.get`: added new parameters `evaltype` and `tags` that allow to filter hosts by tags.

[ZBXNEXT-4731](#) `host.get`: added new option `selectTags` that returns host tags in the `tags` property.

## item

Changes:

[ZBXNEXT-4865](#) `item.create`, `item.update`, `item.get`: added support for Prometheus agents in preprocessing steps.

[ZBXNEXT-4742](#) `item.create`, `item.update`, `item.get`: added new item preprocessing types; extended item preprocessing with custom error handlers.

## itemprototype

Changes:

[ZBXNEXT-4865](#) `itemprototype.create`, `itemprototype.update`, `itemprototype.get`: added support for Prometheus agents in preprocessing steps.

[ZBXNEXT-4742](#) `itemprototype.create`, `itemprototype.update`, `itemprototype.get`: added new item preprocessing types; extended item preprocessing with custom error handlers.

## trigger

Changes:

[ZBXNEXT-221](#) `trigger.get`: added new query option `dependent`

## template

Changes:

[ZBXNEXT-4731](#) `template.create`, `template.update`: added new property `tags`.

[ZBXNEXT-4731](#) `template.get`: added new parameters `evaltype` and `tags` that allow to filter templates by tags.

[ZBXNEXT-4731](#) `template.get`: added new option `selectTags` that returns template tags in the `tags` property.

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