

ZBXNEXT-7951 Configuration import improvements

Summary

There are some inconveniences in the current implementation of configuration import. Specifically, template import without UUIDs fails [in some cases](#). Also, there are [valid use cases](#) when UUID mismatch should not prevent configuration from importing. Additionally, the recent introduction of flat templates made it impossible for seamless template upgrades due to the fact dependent templates are unlinked and items are cleared before the new template is applied. We must make it easier for users.

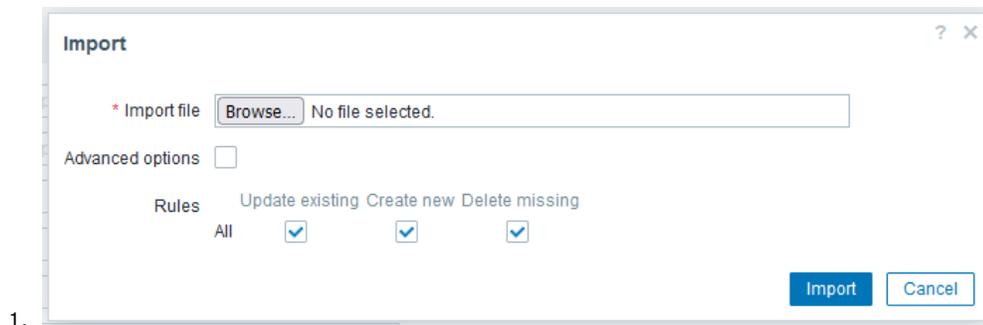
Use cases

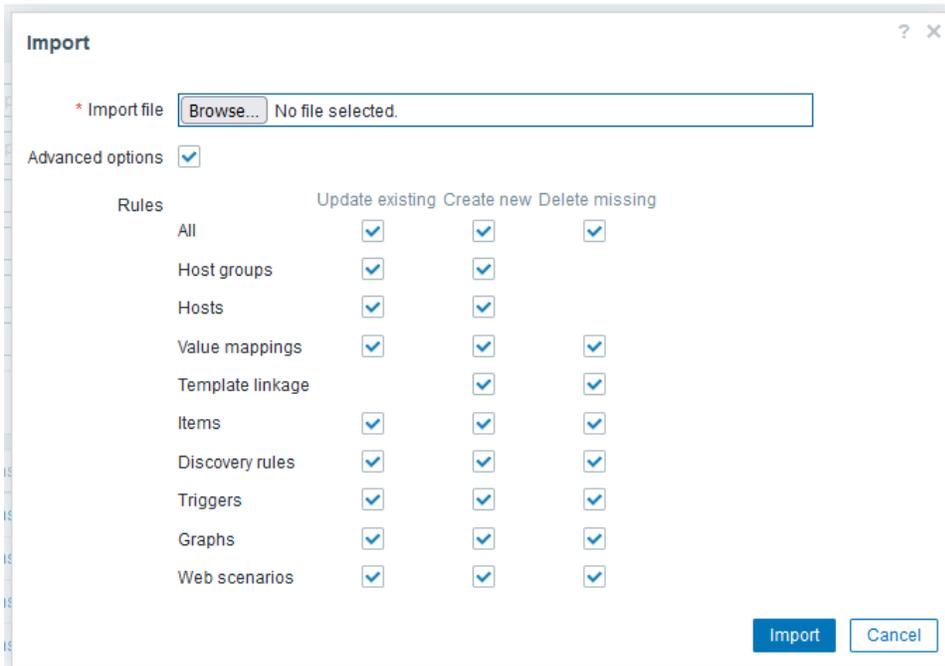
1. I don't care how UUIDs work, don't bug me with errors "entity already exists" on import
2. I do not want to lose history when templates structure changes, give me a trouble-free way to upgrade templates

Zabbix acceptance

1. Template and host import changes for version 6.0 and later
 - a. Import process changes
 - i. Do not fail on UUID mismatch but rather fall back to matching by entity (e.g. item, graph, etc) id (e.g. name)
 1. Use UUID (update to UUID) from the imported entity
 - a. Do not expose UUID update in the API in any way
 - ii. Do not delete entities when unlinking templates (Template linkage option is selected)
 1. Delete entities only if these are not in the import file and the appropriate Delete missing option is selected
 - b. UI changes
 - i. Hide all current rules (Update existing, etc) under the checkbox Advanced options
 - ii. Show Update all, Create all, Delete all options (all on by default) that correspond to selecting all rules under Advanced options

Zabbix UI changes





2.

Open questions

1. Should we do UI changes (1.b) for released versions (6.0, 6.2) or we do only under-the-hood changes (1.a) for released versions?
 - a. If we decide to change the UI in 6.0, 6.2, how to deal with default values for Delete all? 6.0 has all delete rules off by default.