

Create Survey Question

Creates a new question on a specified page of a survey. Supports all Alchemer question types and a wide range of configuration properties.

Endpoint

PUT v5/survey/{survey_id}/surveypage/{page_id}/surveyquestion

Requires authentication

Path Parameters

Identifies the survey and page on which the question will be created.

survey_id

string

required

The ID of the survey to add the question to.

page_id

string

required

The ID of the survey page to add the question to.

Query Parameters

type

string

The question type to create. Accepted values: `radio` , `checkbox` , `menu` , `text` , `essay` , `email` , `multitext` , `single-image` , `multi-image` , `contsum` , `rank-dragdrop` , `table-radio` , `table-checkbox` , `table-textbox` , `table-menu-matrix` , `table-stars` , `file` , `instructions` , `media` , `audio` , `video` , `hidden` , `urlredirect` , `group` , `heatmap` , `texthighlighter` , `httpinsert` , `javascript` .

title

string

The question text.

description

string

Description or sub-text for the question.

after

string

The ID of the question this new question should follow. Used to control placement on the page.

shortname

string

A shortname or alias for the question.

varname

string

The SPSS variable name for the question. For question types with multiple fields (e.g. Textbox List), specify as an array keyed by option ID — for example,

```
varname[10001]=Comedy&varname[10002]=Drama .
```

id

string

The question ID of the parent question. Required when adding sub-questions (rows) to grid question types: `table-radio` , `table-checkbox` , `table-textbox` , `table-menu-matrix` , `table-stars` , and `group` . Use `multitext` to create rows of a Dropdown Menu Grid.

properties

object

Configuration properties for the question. All `properties` keys are passed as individual query parameters using bracket notation — for example, `properties[required]=true` .

- ▼ child attributes

disabled

boolean

Disables the question so it cannot be answered.

exclude_number

boolean

Excludes the question number from the display.

hide_after_response

boolean

Hides the question after it has been answered.

option_sort

string

Controls sorting of answer options. Accepted values: `ALPHA` (alphabetical), `NONE` (original creation order), `SHUFFLE` (randomized), `true` (alphabetical), `false` (original order).

orientation

string

Display orientation for answer options. Accepted values: `HORZ`, `VERT`.

labels_right

boolean

Positions option labels to the right of the input.

question_description_above

boolean

Displays the question description above the question title rather than below.

custom_css

string

A CSS template hook for custom styling on this question.

placeholder

object

Placeholder text shown inside open-text question fields, keyed by language. The language must be specified as part of the key — for example, `properties[placeholder][English]=Enter+your+answer`. The language key is required.

required

boolean

Makes the question required before the respondent can advance.

soft-required

boolean

Prompts the respondent if they skip the question but does not block advancement.

force_numeric

boolean

Restricts input to numeric values only.

force_percent

boolean

Restricts input to percentage values.

force_currency

boolean

Restricts input to currency-formatted values.

subtype

string

Specifies a validation subtype. Accepted values: `email` , `date` .

min_number

string

The minimum accepted numeric value.

max_number

string

The maximum accepted numeric value.

min_answers_per_row

string

Minimum number of answers required per row (grid questions).

minimum_response

string

Minimum number of selections or characters required.

inputmask

object

Input validation mask settings. Pass sub-keys using bracket notation — for example,

`properties[inputmask][mask]=\d{5}` .

- ▼ child attributes

mask

string

A RegEx pattern used to validate input format.

message

string

The validation error message to display when the input mask pattern is not matched.

defaulttext

string

Default text or reporting value to pre-populate in the question field.

hidden

boolean

Hides the question from respondents. The question is still included in the response data.

piped_from

string

The ID of the question to pipe answer text from into this question's title or description.

save_logic_data

boolean

When set to `true`, saves display and skip logic data with this question.

admin_question

boolean

Marks the question as an admin-only question, visible only in admin reports.

randomizer_ignore

boolean

Excludes this question from page-level randomization.

fixed_placement

boolean

Pins the question to its current position when page-level randomization is applied.

max_total

string

Continuous Sum. The maximum total value respondents may enter across all fields.

max_total_noshow

boolean

Continuous Sum. When `true`, hides the running total display from respondents.

must_be_max

boolean

Continuous Sum. Requires the respondent's total to equal the specified maximum before they can advance.

maxfiles

integer

File Upload. Maximum number of files the respondent may upload. Accepted values: `1` – `10` .

extentions

string

File Upload. Comma-separated list of allowed file extensions. Example: `png,gif,jpg,pdf,docx` .

url

string

URL Redirect / HTTP Insert. The destination URL for redirect questions, or the webhook endpoint for HTTP Insert questions.

outbound

object

URL Redirect. Keyed object of outbound variables to pass to the redirect URL. Replace `n` with the index of each variable — for example, `properties[outbound][0][fieldname]=myVar` .

- ▼ child attributes

fieldname

string

The variable name to pass to the redirect URL.

mapping

string

The question ID whose answer should be passed as the value of this variable.

default

string

Default value to pass when the mapped question has no answer.

heatmap_image

string

Heatmap. URL of the image to use as the heatmap background.

messages

object

Text Highlighter. Contains the text content for respondents to highlight. Pass the content using the full key path — for example, `properties[messages][th_content][English]=URL-encoded+text`. The language key is required.

data_type

string

HTTP Insert. Accepted values: `response` (sends full response data) or `fields` (sends specific fields, which must be configured in the UI). Required for HTTP Insert questions.

data_json

boolean

HTTP Insert. When `true`, sends response data as JSON. Only applies when `data_type` is set to `response`.

aurl

string

Audio / Video. The URL of the audio or video content, formatted as `//www.example.com/file`. Required for audio and video question types.

http

string

Audio / Video. The protocol to use for the media URL. Accepted values: `http`, `https`. Defaults to `http` if an invalid value is passed. Required for audio and video question types.

limits

array

Dropdown Menu Grid. Array of dropdown answer options. Pass each as a separate parameter — for example, `properties[limits][]=apple&properties[limits][]=orange`. Required for Dropdown Menu Grid questions.

javascript_code

string

JavaScript Action. Base64-encoded JavaScript code to execute as a question action.

Response

Returns the result of the creation request and the newly created question object.

result_ok

boolean

Whether the request succeeded.

data

object

The newly created survey question object. See [Get Survey Question](#) for the full list of response fields.

Examples

REQUEST (CURL)

```
curl -X PUT "https://api.alchemer.com/v5/survey/123456/surveypage/1/surveyquestion?api_token=YOUR_API_TOKEN&api_token_secret=YOUR_API_TOKEN_SECRET&type=radio&title=How+satisfied+are+you%3F&properties[required]=true&properties[orientation]=VERT"
```

RESPONSE

```
{
  "result_ok": true,
  "data": {
    "id": 7,
    "type": "radio",
    "title": {
      "English": "How satisfied are you?"
    },
    "description": {
      "English": ""
    },
    "shortname": "",
    "varname": "",
    "has_options": true,
    "options": [],
    "properties": {
      "required": true,
      "hidden": false,
      "orientation": "VERT"
    }
  }
}
```