Lists an organization or source's findings.

To list across all sources provide a - as the source id. Example:
/v1/organizations/{organization_id}/sources/-/findings

GET

`https://securitycenter.googleapis.com/v1/{parent=organizations/*/sources/*}/findings`

The URL uses gRPC Transcoding
 (https://github.com/googleapis/googleapis/blob/master/google/api/http.proto) syntax.

Parameters

parent	string
	Required. Name of the source the findings belong to. Its format is "organizations/[organization_id]/sources/[source_id]". To list across all sources provide a source_id of -. For example: organizations/{organization_id}/sources/-

Parameters

Parameters	
`filter`	**string**
	Expression that defines the filter to apply across findings. The expression is a list of one or more restrictions combined via logical operators **AND** and **OR**. Parentheses are supported, and **OR** has higher precedence than **AND**.
	Restrictions have the form `<field> <operator> <value>` and may have a – character in front of them to indicate negation. Examples include:
	• name
	• sourceProperties.a_property
	• securityMarks.marks.marka
	The supported operators are:
	• `=` for all value types.
	• `>`, `<`, `>=`, `<=` for integer values.
	• `:`, meaning substring matching, for strings.
	The supported value types are:
	• string literals in quotes.
	• integer literals without quotes.
	• boolean literals `true` and `false` without quotes.
	The following field and operator combinations are supported:
	name: = parent: =, : resourceName: =, : state: =, : category: =, : externalUri: =, : eventTime: =, >, <, >=, <=
	Usage: This should be milliseconds since epoch or an RFC3339 string. Examples: "eventTime = "2019-06-10T16:07:18-07:00"" "eventTime = 1560208038000"
	securityMarks.marks: =, : sourceProperties: =, :, >, <, >=, <=
	For example, `sourceProperties.size = 100` is a valid filter string.

Parameters

orderBy	string
	Expression that defines what fields and order to use for sorting. The string value should follow SQL syntax: comma separated list of fields. For example: "name,resourceProperties.a_property". The default sorting order is ascending. To specify descending order for a field, a suffix " desc" should be appended to the field name. For example: "name desc,sourceProperties.a_property". Redundant space characters in the syntax are insignificant. "name desc,sourceProperties.a_property" and " name desc , sourceProperties.a_property " are equivalent. The following fields are supported: name parent state category resourceName eventTime sourceProperties securityMarks.marks
readTime	string (Timestamp (https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Timestamp) format) Time used as a reference point when filtering findings. The filter is limited to findings existing at the supplied time and their values are those at that specific time. Absence of this field will default to the API's version of NOW. A timestamp in RFC3339 UTC "Zulu" format, accurate to nanoseconds. Example: "2014-10-02T15:01:23.045123456Z".

Parameters	
compareDuration	string (<u>Duration</u> (https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Duration) format) When compareDuration is set, the ListFindingsResult's "stateChange" attribute is updated to indicate whether the finding had its state changed, the finding's state remained unchanged, or if the finding was added in any state during the compareDuration period of time that precedes the readTime. This is the time between (readTime - compareDuration) and readTime. The stateChange value is derived based on the presence and state of the finding at the two points in time. Intermediate state changes between the two times don't affect the result. For example, the results aren't affected if the finding is made inactive and then active again. Possible "stateChange" values when compareDuration is specified: • "CHANGED": indicates that the finding was present at the start of compareDuration, but changed its state at readTime. • "UNCHANGED": indicates that the finding was present at the start of compareDuration and did not change state at readTime. • "ADDED": indicates that the finding was not present at the start of compareDuration, but was present at readTime. If compareDuration is not specified, then the only possible stateChange is "UNUSED", which will be the stateChange set for all findings present at readTime. A duration in seconds with up to nine fractional digits, terminated by 's'. Example: "3.5s".

Parameters	
fieldMask	string ([FieldMask](https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.FieldMask) format) Optional. A field mask to specify the Finding fields to be listed in the response. An empty field mask will list all fields. A comma-separated list of fully qualified names of fields. Example: `"user.displayName,photo"`.
pageToken	string The value returned by the last `ListFindingsResponse`; indicates that this is a continuation of a prior `findings.list` call, and that the system should return the next page of data.
pageSize	number The maximum number of results to return in a single response. Default is 10, minimum is 1, maximum is 1000.

The request body must be empty.

If successful, the response body contains data with the following structure:

Response message for listing findings.

JSON representation

JSON representation

Fields

`listFindingsResults[]`	object ([ListFindingsResult](/security-command-center/docs/reference/rest/v1/organizations.sources.findings/list#ListFindingsResult)) Findings matching the list request.
`readTime`	string ([Timestamp](https://developers.google.com/protocol-buffers/docs/reference/google.protobuf#google.protobuf.Timestamp) format) Time used for executing the list request. A timestamp in RFC3339 UTC "Zulu" format, accurate to nanoseconds. Example: `"2014-10-02T15:01:23.045123456Z"`.
`nextPageToken`	string Token to retrieve the next page of results, or empty if there are no more results.
`totalSize`	number The total number of findings matching the query.

Requires the following OAuth scope:

- `https://www.googleapis.com/auth/cloud-platform`

For more information, see the Authentication Overview
(https://cloud.google.com/docs/authentication/).

Requires the following Cloud IAM (https://cloud.google.com/iam/docs) permission on the `parent`
resource:

- `securitycenter.findings.list`

For more information, see the Cloud IAM Documentation (https://cloud.google.com/iam/docs).

Result containing the Finding and its StateChange.

JSON representation

Fields

`finding`	object (Finding (/security-command-center/docs/reference/rest/v1/organizations.sources.findings#Finding)) Finding matching the search request.

Fields

stateChange	enum (StateChange (/security-command- center/docs/reference/rest/v1/organizations.sources.findings/list#State Change)) State change of the finding between the points in time.
resource	object (Resource (/security-command- center/docs/reference/rest/v1/organizations.sources.findings/list#Reso urce)) Output only. Resource that is associated with this finding.

The change in state of the finding.

When querying across two points in time this describes the change in the finding between the two points: CHANGED, UNCHANGED, ADDED, or REMOVED. Findings can not be deleted, so REMOVED implies that the finding at timestamp does not match the filter specified, but it did at timestamp - compareDuration. If there was no compareDuration supplied in the request the state change will be: UNUSED

Enums

UNUSED	State change is unused, this is the canonical default for this enum.
CHANGED	The finding has changed state in some way between the points in time and existed at both points.
UNCHANGED	The finding has not changed state between the points in time and existed at both points.
ADDED	The finding was created between the points in time.

Enums	
REMOVED	The finding at timestamp does not match the filter specified, but it did at timestamp - compareDuration.

Information related to the Google Cloud Platform (GCP) resource that is associated with this finding.

JSON representation	

Fields	
name	string The full resource name of the resource. See: https://cloud.google.com/apis/design/resource_names#full_resource_nan (https://cloud.google.com/apis/design/resource_names#full_resource_na
projectName	string The full resource name of project that the resource belongs to.
projectDisplayName	string The human readable name of project that the resource belongs to.
parentName	string The full resource name of resource's parent.

Fields	
parentDisplayName	string The human readable name of resource's parent.