

gcloud compute instances list

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NAME

gcloud compute instances list - list Compute Engine instances

SYNOPSIS

```
gcloud compute instances list [ NAME ... ] [ --regex = REGEXP , -r REGEXP ] [ --zones = ZONE ,  
[ ZONE ,... ] ] [ --filter = EXPRESSION ] [ --limit = LIMIT ] [ --page-size = PAGE_SIZE ] [ --sort-by =  
[ FIELD ,... ] ] [ --uri ] [ GLOUD WIDE FLAG ... ]
```

DESCRIPTION

`gcloud compute instances list` displays all Compute Engine instances in a project.

EXAMPLES

To list all instances in a project in table form, run:

See more code actions.

```
gcloud compute instances list
```

To list the URIs of all instances in a project, run:

See more code actions.

```
gcloud compute instances list --uri
```

To list the IPv6 info of all instances in a project, run:

```
gcloud compute instances list --format="table(  
name,  
zone.basename(),  
networkInterfaces[].stackType.notNull().list(),  
networkInterfaces[].ipv6AccessConfigs[0].externalIpv6.notNull().list():label=EXTERNAL_IPV6,  
networkInterfaces[].ipv6Address.notNull().list():label=INTERNAL_IPV6)"
```

POSITIONAL ARGUMENTS

[*NAME* ...]

(DEPRECATED) If provided, show details for the specified names and/or URIs of resources.

Argument `NAME` is deprecated. Use `--filter="name=('NAME' ...)"` instead.

FLAGS

`--regexp = REGEXP , -r REGEXP`

(DEPRECATED) Regular expression to filter the names of the results on. Any names that do not match the entire regular expression will be filtered out.

Flag `--regexp` is deprecated. Use `--filter="name~'REGEXP'"` instead.

`--zones = ZONE ,[ZONE ,...]`

If provided, only resources from the given zones are queried.

LIST COMMAND FLAGS

`--filter = EXPRESSION`

Apply a Boolean filter `EXPRESSION` to each resource item to be listed. If the expression evaluates `True`, then that item is listed. For more details and examples of filter expressions, run `$ gcloud topic filters`. This flag interacts with other flags that are applied in this order: `--flatten`, `--sort-by`, `--filter`, `--limit`.

`--limit = LIMIT`

Maximum number of resources to list. The default is `unlimited`. This flag interacts with other flags that are applied in this order: `--flatten`, `--sort-by`, `--filter`, `--limit`.

`--page-size = PAGE_SIZE`

Some services group resource list output into pages. This flag specifies the maximum number of resources per page. The default is determined by the service if it supports paging, otherwise it is `unlimited` (no paging). Paging may be applied before or after `--filter` and `--limit` depending on the service.

`--sort-by =[FIELD ,...]`

Comma-separated list of resource field key names to sort by. The default order is ascending. Prefix a field with ```~``` for descending order on that field. This flag interacts with other flags that are applied in this order: `--flatten`, `--sort-by`, `--filter`, `--limit`.

`--uri`

Print a list of resource URIs instead of the default output, and change the command output to a list of URIs. If this flag is used with `--format`, the formatting is applied on this URI list. To display URIs alongside other keys instead, use the `uri()` transform.

GCLOUD WIDE FLAGS

These flags are available to all commands: `--access-token-file`, `--account`, `--billing-project`, `--configuration`, `--flags-file`, `--flatten`, `--format`, `--help`, `--impersonate-service-account`, `--log-http`, `--project`, `--quiet`, `--trace-token`, `--user-output-enabled`, `--verbosity`.

Run `$ gcloud help` for details.

NOTES

These variants are also available:

[gcloud alpha compute instances list](#)

[gcloud beta compute instances list](#)

Source: <https://cloud.google.com/sdk/gcloud/reference/compute/instances/list>