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# Command: state show

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The `terraform state show` command is used to show the attributes of a single resource in the Terraform state (</docs/language/state/index.html>).

## Usage

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Usage: `terraform state show [options] ADDRESS`

The command will show the attributes of a single resource in the state file that matches the given address.

This command requires an address that points to a single resource in the state.

Addresses are in resource addressing format (</docs/cli/state/resource-addressing.html>).

The command-line flags are all optional. The list of available flags are:

- `-state=path` - Path to the state file. Defaults to "terraform.tfstate". Ignored when remote state (</docs/language/state/remote.html>) is used.

The output of `terraform state show` is intended for human consumption, not programmatic consumption. To extract state data for use in other software, use `terraform show -json` (</docs/cli/commands/show.html#json-output>) and decode the result using the documented structure.

## Example: Show a Resource

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The example below shows a `packet_device` resource named `worker`:

```
$ terraform state show 'packet_device.worker'
# packet_device.worker:
resource "packet_device" "worker" {
  billing_cycle = "hourly"
  created       = "2015-12-17T00:06:56Z"
  facility      = "ewr1"
  hostname      = "prod-xyz01"
  id            = "6015bg2b-b8c4-4925-aad2-f0671d5d3b13"
  locked        = false
}
```

## Example: Show a Module Resource

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The example below shows a `packet_device` resource named `worker` inside a module named `foo`:

```
$ terraform state show 'module.foo.packet_device.worker'
```

## Example: Show a Resource configured with count

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The example below shows the first instance of a `packet_device` resource named `worker` configured with `count` (</docs/language/meta-arguments/count.html>):

```
$ terraform state show 'packet_device.worker[0]'
```

## Example: Show a Resource configured with for\_each

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The example below shows the `"example"` instance of a `packet_device` resource named `worker` configured with `for_each` ([/docs/language/meta-arguments/for\\_each.html](/docs/language/meta-arguments/for_each.html)):

Linux, Mac OS, and UNIX:

```
$ terraform state show 'packet_device.worker["example"]'
```

PowerShell:

```
$ terraform state show 'packet_device.worker["example"]'
```

Windows cmd.exe:

```
$ terraform state show packet_device.worker["example"]
```