

11th june

The image shows a sequence of browser screenshots. The top screenshot is a Google search for 'terraform provisioner local-exec', showing results from terraform.io. The bottom screenshot is the Terraform.io documentation page for 'Null Resource', which explains that this resource implements the standard lifecycle but takes no further action, and provides an example usage.

google.com/search?q=terraform+provisioner+local-exec&oeq=terraform+provisioner+lo&ags=chrome.1.69i57j0i7.15865j0i7&sourceid=chrome&ie=UTF-8

terraform provisioner local-exec

About 19,400 results (0.37 seconds)

www.terraform.io > docs > provisioners > local-exec

Provisioner: local-exec - Terraform by HashiCorp

The **local-exec provisioner** invokes a **local** executable after a resource is created. This invokes a process on the machine running **Terraform**, not on the resource. See the **remote-exec provisioner** to run commands on the resource.

www.terraform.io > docs > provisioners

Provisioners - Terraform by HashiCorp

Provisioners are used to execute scripts on a local or remote machine as part of ... It is technically possible to use the **local-exec provisioner** to run the CLI for ...

Local-exec Provisioner Remote-exec Provisioner Provisioner Connections

www.terraform.io > docs > provisioners > remote-exec

Provisioner: remote-exec - Terraform by HashiCorp

To invoke a local process, see the **local-exec provisioner** instead. The remote-exec provisioner supports both ssh and winrm type connections. Note: **Provisioners** ...

www.terraform.io > docs > provisioners > null_resource

Provisioners Without Resources - Terraform by HashiCorp

HashiCorp Terraform

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Null Resource

JUMP TO SECTION

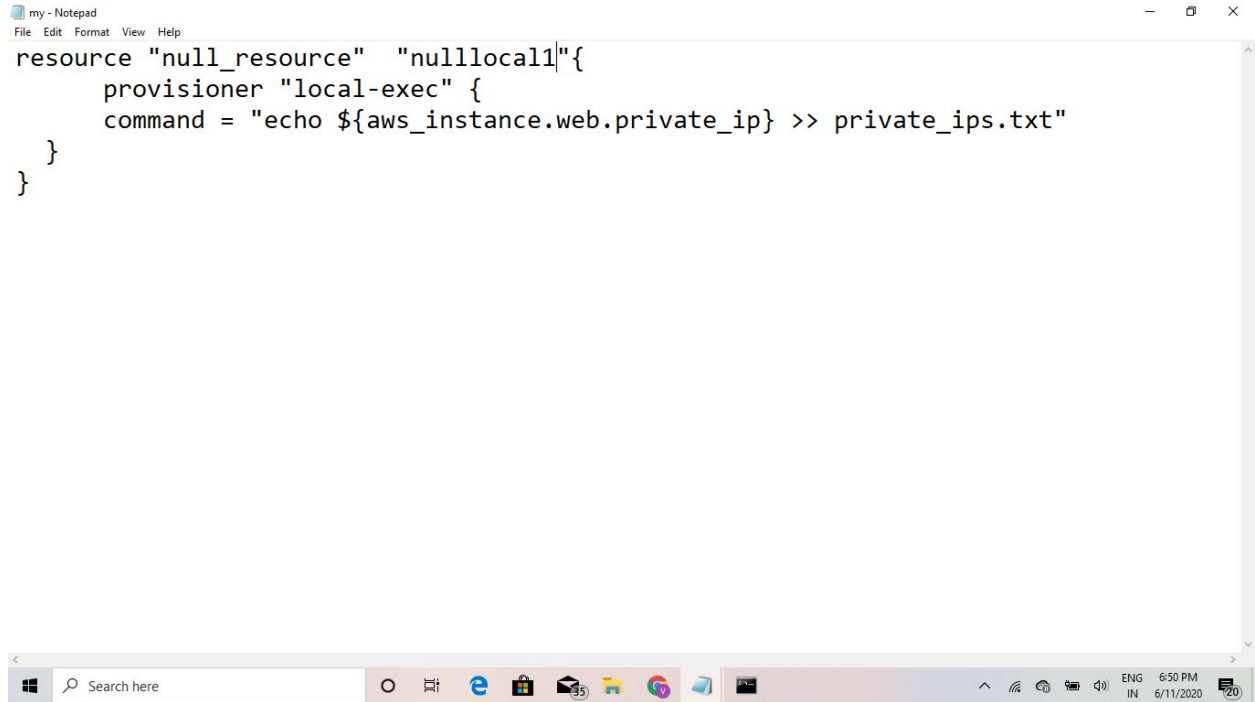
- All Providers
- Null Provider
 - Resource
 - Data Source

The `null_resource` resource implements the standard resource lifecycle but takes no further action.

The `triggers` argument allows specifying an arbitrary set of values that, when changed, will cause the resource to be replaced.

Example Usage

The primary use-case for the null resource is as a do-nothing container for arbitrary actions taken by a provisioner, as follows:



The screenshot shows a Notepad window titled 'my - Notepad' with a menu bar (File, Edit, Format, View, Help). The text inside is a Terraform configuration snippet:

```
resource "null_resource" "nulllocal1"{
  provisioner "local-exec" {
    command = "echo ${aws_instance.web.private_ip} >> private_ips.txt"
  }
}
```

Below the Notepad window is a Windows taskbar. It includes a search bar on the left, a taskbar with icons for various applications (Edge, File Explorer, etc.), and a system tray on the right showing network, volume, and date/time (6:50 PM, 6/11/2020).

```
C:\Users\user\Desktop\terraform\local>terraform apply
```

Error: Could not satisfy plugin requirements

Plugin reinitialization required. Please run "terraform init".

Plugins are external binaries that Terraform uses to access and manipulate resources. The configuration provided requires plugins which can't be located, don't satisfy the version constraints, or are otherwise incompatible.

Terraform automatically discovers provider requirements from your configuration, including providers used in child modules. To see the requirements and constraints from each module, run "terraform providers".

Error: provider.null: no suitable version installed
version requirements: "(any version)"
versions installed: none

```
C:\Users\user\Desktop\terraform\local>terraform init
```

Initializing the backend...

Initializing provider plugins...

- Checking for available provider plugins...
- Downloading plugin for provider "null" (hashicorp/null) 2.1.2...

The following providers do not have any version constraints in configuration, so the latest version was installed.

To prevent automatic upgrades to new major versions that may contain breaking changes, it is recommended to add version = "..." constraints to the corresponding provider blocks in configuration, with the constraint strings suggested below.

```
* provider.null: version = "~> 2.1"
```

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see any changes that are required for your infrastructure. All Terraform commands should now work.

If you ever set or change modules or backend configuration for Terraform, rerun this command to reinitialize your working directory. If you forget, other commands will detect it and remind you to do so if necessary.

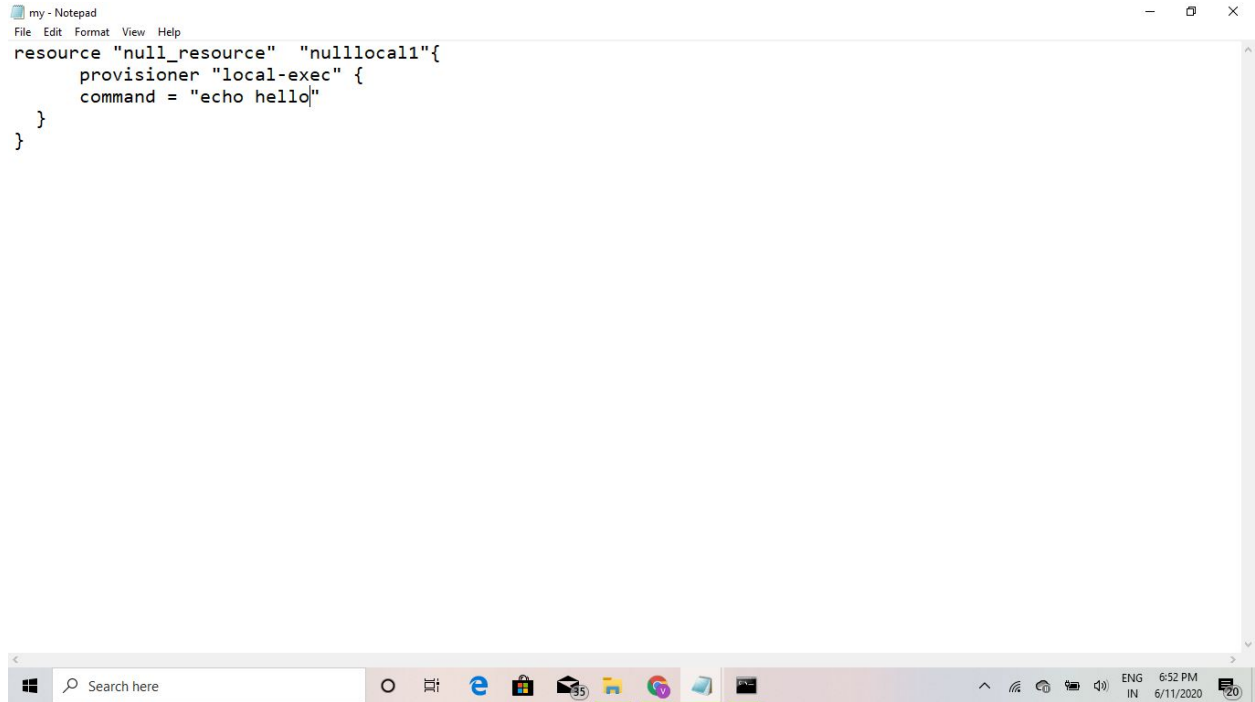
```
C:\Users\user\Desktop\terraform\local>terraform apply
```

Error: Reference to undeclared resource

on my.tf line 3, in resource "null_resource" "nulllocal1":

```
3:   command = "echo ${aws_instance.web.private_ip} >> private_ips.txt"
```

A managed resource "aws_instance" "web" has not been declared in the root module.

A screenshot of a Windows desktop. At the top, a Notepad window titled 'my - Notepad' is open, displaying a Terraform configuration snippet. The configuration defines a resource named 'null_resource' with the alias 'nulllocal1', using the 'local-exec' provisioner to execute the command 'echo hello'. Below the Notepad window, the Windows taskbar is visible, showing the Start button, a search bar, and several pinned application icons including Edge, File Explorer, and the command prompt. The system tray on the right shows the date and time as 6:52 PM on 6/11/2020.

```
my - Notepad
File Edit Format View Help
resource "null_resource" "nulllocal1"{
  provisioner "local-exec" {
    command = "echo hello"
  }
}
```

C:\Users\user\Desktop\terraform\local>terraform apply

An execution plan has been generated and is shown below.

Resource actions are indicated with the following symbols:

- + create

Terraform will perform the following actions:

```
# null_resource.nulllocal1 will be created
+ resource "null_resource" "nulllocal1" {
  + id = (known after apply)
}
```

Plan: 1 to add, 0 to change, 0 to destroy.

Do you want to perform these actions?

Terraform will perform the actions described above.

Only 'yes' will be accepted to approve.

Enter a value: yes

null_resource.nulllocal1: Creating...

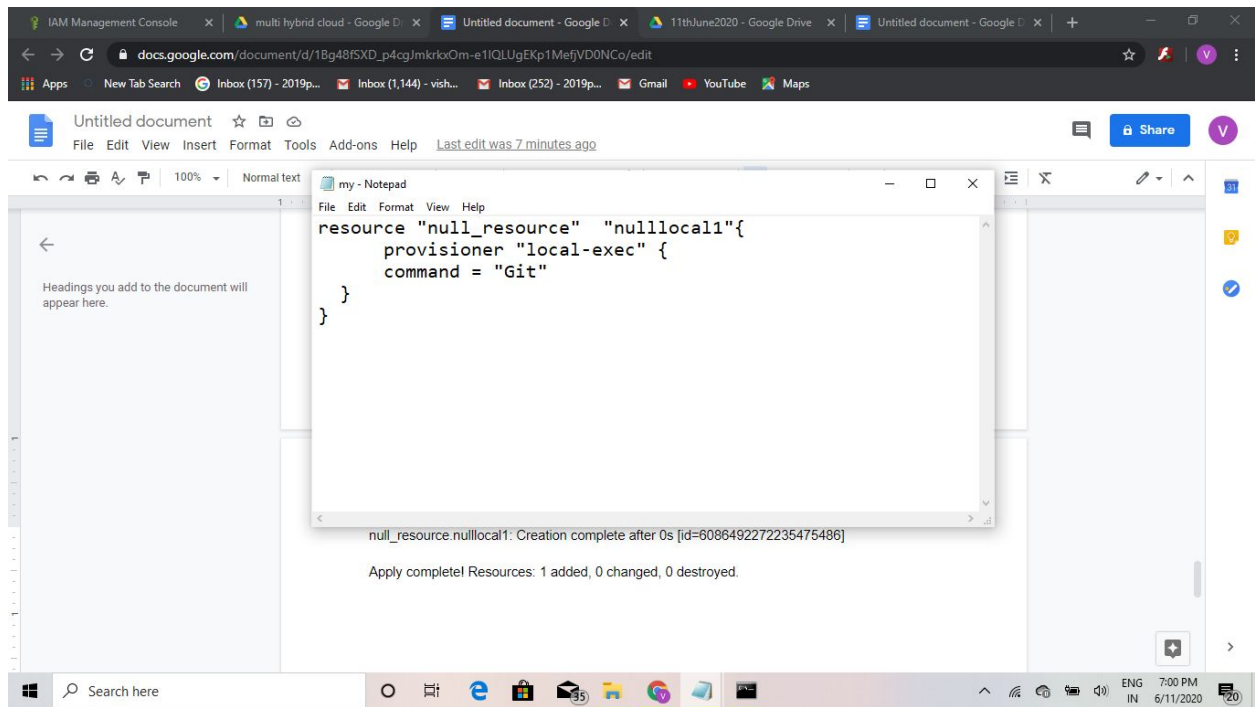
null_resource.nulllocal1: Provisioning with 'local-exec'...

null_resource.nulllocal1 (local-exec): Executing: ["cmd" "/C" "echo hello"]

null_resource.nulllocal1 (local-exec): hello

null_resource.nulllocal1: Creation complete after 0s [id=6086492272235475486]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.



C:\Users\user\Desktop\terraform\local>terraform apply --auto-approve

null_resource.nulllocal1: Refreshing state... [id=1047225996071659468]

null_resource.nulllocal1: Destroying... [id=1047225996071659468]

null_resource.nulllocal1: Destruction complete after 0s

null_resource.nulllocal1: Creating...

null_resource.nulllocal1: Provisioning with 'local-exec'...

null_resource.nulllocal1 (local-exec): Executing: ["cmd" "/C" "Git"]

null_resource.nulllocal1 (local-exec): usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]

null_resource.nulllocal1 (local-exec): [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]

null_resource.nulllocal1 (local-exec): [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]

null_resource.nulllocal1 (local-exec): [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]

null_resource.nulllocal1 (local-exec): <command> [<args>]

null_resource.nulllocal1 (local-exec): These are common Git commands used in various situations:

null_resource.nulllocal1 (local-exec): start a working area (see also: git help tutorial)

null_resource.nulllocal1 (local-exec): clone Clone a repository into a new directory
null_resource.nulllocal1 (local-exec): init Create an empty Git repository or reinitialize an existing one

null_resource.nulllocal1 (local-exec): work on the current change (see also: git help everyday)
null_resource.nulllocal1 (local-exec): add Add file contents to the index
null_resource.nulllocal1 (local-exec): mv Move or rename a file, a directory, or a symlink
null_resource.nulllocal1 (local-exec): restore Restore working tree files
null_resource.nulllocal1 (local-exec): rm Remove files from the working tree and from the index
null_resource.nulllocal1 (local-exec): sparse-checkout Initialize and modify the sparse-checkout

null_resource.nulllocal1 (local-exec): examine the history and state (see also: git help revisions)
null_resource.nulllocal1 (local-exec): bisect Use binary search to find the commit that introduced a bug
null_resource.nulllocal1 (local-exec): diff Show changes between commits, commit and working tree, etc
null_resource.nulllocal1 (local-exec): grep Print lines matching a pattern
null_resource.nulllocal1 (local-exec): log Show commit logs
null_resource.nulllocal1 (local-exec): show Show various types of objects
null_resource.nulllocal1 (local-exec): status Show the working tree status

null_resource.nulllocal1 (local-exec): grow, mark and tweak your common history
null_resource.nulllocal1 (local-exec): branch List, create, or delete branches
null_resource.nulllocal1 (local-exec): commit Record changes to the repository
null_resource.nulllocal1 (local-exec): merge Join two or more development histories together
null_resource.nulllocal1 (local-exec): rebase Reapply commits on top of another base tip
null_resource.nulllocal1 (local-exec): reset Reset current HEAD to the specified state
null_resource.nulllocal1 (local-exec): switch Switch branches
null_resource.nulllocal1 (local-exec): tag Create, list, delete or verify a tag object signed with GPG

null_resource.nulllocal1 (local-exec): collaborate (see also: git help workflows)
null_resource.nulllocal1 (local-exec): fetch Download objects and refs from another repository
null_resource.nulllocal1 (local-exec): pull Fetch from and integrate with another repository or a local branch
null_resource.nulllocal1 (local-exec): push Update remote refs along with associated objects

null_resource.nulllocal1 (local-exec): 'git help -a' and 'git help -g' list available subcommands and some

null_resource.nulllocal1 (local-exec): concept guides. See 'git help <command>' or 'git help <concept>'

null_resource.nulllocal1 (local-exec): to read about a specific subcommand or concept.

null_resource.nulllocal1 (local-exec): See 'git help git' for an overview of the system.

Error: Error running command 'Git': exit status 1. Output: usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]

 [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]

 [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]

 [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]

 <command> [<args>]

These are common Git commands used in various situations:

start a working area (see also: git help tutorial)

 clone Clone a repository into a new directory

 init Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)

 add Add file contents to the index

 mv Move or rename a file, a directory, or a symlink

 restore Restore working tree files

 rm Remove files from the working tree and from the index

 sparse-checkout Initialize and modify the sparse-checkout

examine the history and state (see also: git help revisions)

 bisect Use binary search to find the commit that introduced a bug

 diff Show changes between commits, commit and working tree, etc

 grep Print lines matching a pattern

 log Show commit logs

 show Show various types of objects

 status Show the working tree status

grow, mark and tweak your common history

 branch List, create, or delete branches

 commit Record changes to the repository

 merge Join two or more development histories together

 rebase Reapply commits on top of another base tip

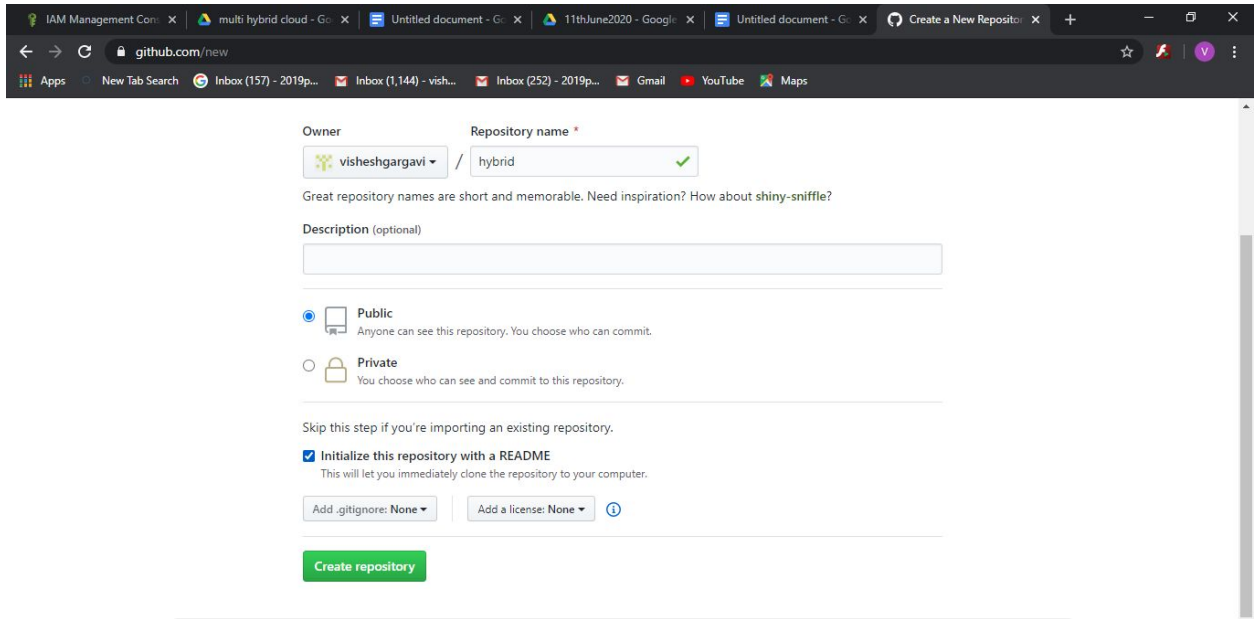
 reset Reset current HEAD to the specified state

switch	Switch branches
tag	Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)

fetch	Download objects and refs from another repository
pull	Fetch from and integrate with another repository or a local branch
push	Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some concept guides. See 'git help <command>' or 'git help <concept>' to read about a specific subcommand or concept.
See 'git help git' for an overview of the system.

1. 

Owner: visheshgargavi / Repository name: hybrid

Description (optional):

☒ Public
Anyone can see this repository. You choose who can commit.

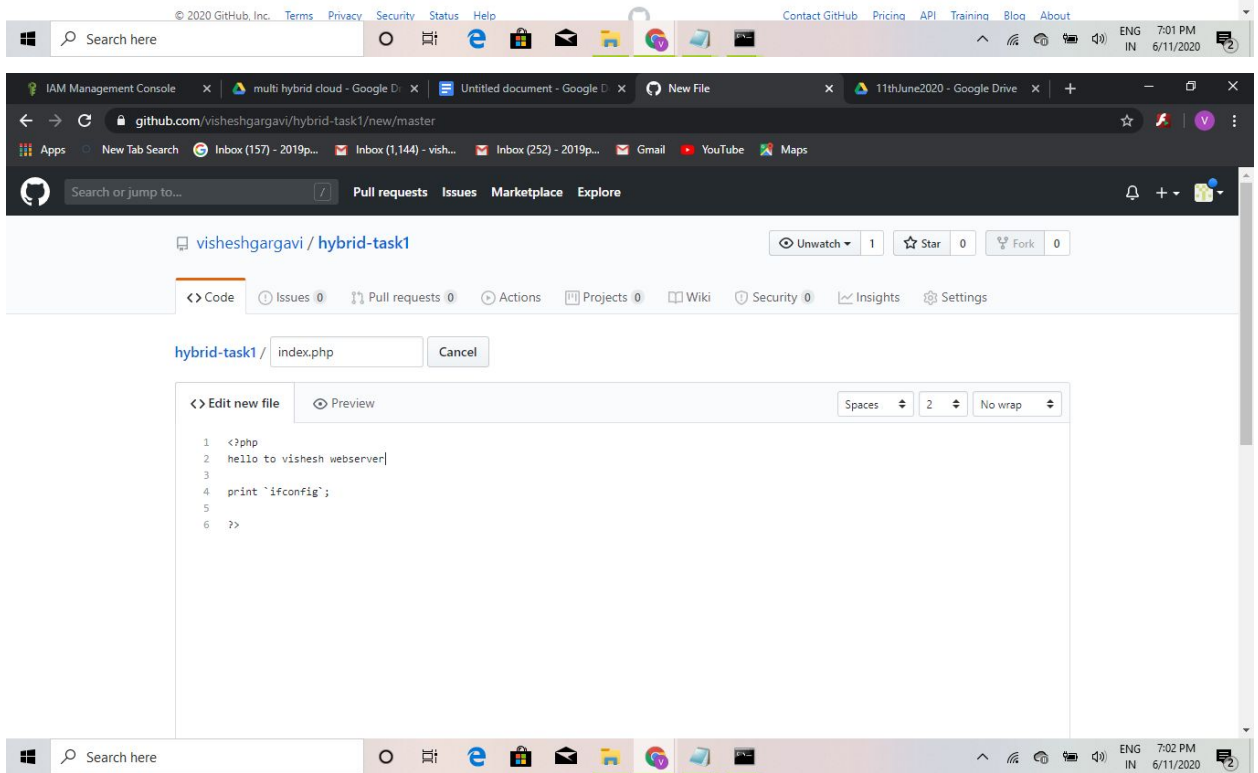
☐ Private
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

☒ Initialize this repository with a README
This will let you immediately clone the repository to your computer.

Add .gitignore: None Add a license: None

Create repository

1. 

visheshgargavi / hybrid-task1

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

hybrid-task1 / index.php

```
<?php
hello to vishesh webserver|
print `ifconfig`
>
```

Browser tabs: IAM Management Console, multi hybrid cloud - Google D..., Untitled document - Google D..., New File, 11thJune2020 - Google Drive

Address bar: github.com/visheshgargavi/hybrid-task1/new/master

Navigation: Apps, New Tab Search, Inbox (157) - 2019p..., Inbox (1,144) - vish..., Inbox (252) - 2019p..., Gmail, YouTube, Maps

Commit new file

Create index.php

Add an optional extended description...

☒ Commit directly to the `master` branch.
☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

Commit new file

Cancel

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Windows taskbar: Search here, icons for various applications, system tray showing ENG IN 7:03 PM 6/11/2020

Browser tabs: IAM Management Console, multi hybrid cloud - Google D..., Untitled document - Google D..., visheshgargavi/hybrid-task1, 11thJune2020 - Google Drive

Address bar: github.com/visheshgargavi/hybrid-task1/tree/master

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Unwatch 1

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visheshgargavi / hybrid-task1

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No description, website, or topics provided. [Edit](#)

[Manage topics](#)

7 commits 1 branch 0 packages 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find file **Clone or download**

visheshgargavi Create index.php	Initial commit
README.md	Add files via upload
Screenshot (609).png	Update cloud.html
cloud.html	Add files via upload
code.html	Create index.php
index.php	Add files via upload
key.tf	

Clone with HTTPS ⓘ

Use Git or checkout with SVN using the web URL.

Open in Desktop

Download ZIP

Windows taskbar: Search here, icons for various applications, system tray showing ENG IN 7:03 PM 6/11/2020

```
*my - Notepad
File Edit Format View Help
provider "aws" {
  profile = "myvishesh"
  region = "ap-south-1"
}

resource "aws_instance" "myin" {
  ami          = "ami-005956c5f0f757d37"
  instance_type = "t2.micro"
  key_name     = var.mykey
  availability_zone = "ap-south-1a"
  security_groups = [ "launch-wizard-1" ]

  tags = {
    Name = "myin"
  }
}
/*
resource "null_resource" "nulllocal1"{
  provisioner "local-exec" {
    command = "Git"
  }
}
*/
```

EC2 Management Console

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#SecurityGroup:groupId=sg-03ed3f459fa911a7d

Services Resource Groups

Owner: 410914255776 Inbound rules count: 4 Permission entries Outbound rules count: 1 Permission entry

Inbound rules

Type	Protocol	Port range	Source	Description - optional
Custom TCP	TCP	81	0.0.0.0/0	-
HTTP	TCP	80	0.0.0.0/0	-
SSH	TCP	22	0.0.0.0/0	-
HTTPS	TCP	443	0.0.0.0/0	-

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EC2 Management Console | multi hybrid cloud - Google | Untitled document - Google | visheshgargavi/hybrid-task1 - GitHub | 11thJune2020 - Google | Provisioner: remote-exec - Google

terraform.io/docs/provisioners/remote-exec.html

- Provisioner Connections
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- Built-in Provisioners
 - chef Provisioner
 - file Provisioner
 - habitat Provisioner
 - local-exec Provisioner
 - puppet Provisioner
 - remote-exec Provisioner
 - salt-masterless Provisioner
- Modules
- Backends
- Plugins
- Internals
- Other Docs
 - Terraform Cloud

Example usage

```
resource "aws_instance" "web" {  
  # ...  
  provisioner "remote-exec" {  
    inline = [  
      "puppet apply",  
      "consul join ${aws_instance.web.private_ip}",  
    ]  
  }  
}
```

Argument Reference

The following arguments are supported:

- `inline` - This is a list of command strings. They are executed in the order they are provided. This cannot be provided with `script` or `scripts`.

Search here

EC2 Management Console | multi hybrid cloud - Google | Untitled document - Google | visheshgargavi/hybrid-task1 - GitHub | 11thJune2020 - Google | Provisioner: remote-exec - Google

terraform.io/docs/provisioners/remote-exec.html

- Provisioner Connections
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- Modules
- Backends
- Plugins
- Internals
- Other Docs
 - Terraform Cloud

Example usage

```
https://github.com/visheshgargavi/hybrid-task1.git  
  
sudo yum install httpd -y  
systemctl start httpd  
systemctl enable httpd
```

Argument Reference

The following arguments are supported:

- `inline` - This is a list of command strings. They are executed in the order they are provided. This cannot be provided with `script` or `scripts`.

Search here

GitHub repository page for `visheshgargavi / hybrid-task1`. The repository has 6 commits, 1 branch, 0 packages, 0 releases, and 1 contributor. The latest commit is `eee5d1f` from 2 days ago.

Files in the repository:

File	Commit	Time
<code>README.md</code>	Initial commit	2 days ago
<code>Screenshot (609).png</code>	Add files via upload	2 days ago
<code>cloud.html</code>	Update cloud.html	2 days ago
<code>code.html</code>	Add files via upload	2 days ago
<code>key.tf</code>	Add files via upload	2 days ago
<code>pic1.jpg</code>	Add files via upload	2 days ago

Below the repository page, a Notepad window shows the Terraform configuration file `key.tf`:

```
provider "aws" {
  profile = "myvishesh"
  region = "ap-south-1"
}

resource "aws_instance" "myin" {
  ami           = "ami-005956c5f0f757d37"
  instance_type = "t2.micro"
  key_name      = var.mykey
  availability_zone = "ap-south-1a"
  security_groups = [ "launch-wizard-1" ]

  provisioner "remote-exec" {
    inline = [
      "sudo yum install httpd -y",
      "systemctl start httpd",
      "systemctl enable httpd"
    ]
  }

  tags = {
    Name = "myin"
  }
}
```

The screenshot shows a web browser displaying the Terraform documentation page for "Provisioner Connection Settings". The page has a purple header with the Terraform logo and navigation links. The main content area explains that most provisioners require access to the remote resource via SSH or WinRM and expect a nested `connection` block. Two blue callout boxes provide additional notes: one stating that provisioners should be used as a last resort, and another noting that in Terraform 0.11 and earlier, providers could set default values for connection settings, which was removed in 0.12 for predictability.

Below the browser window, a Notepad application is open, displaying a Terraform configuration file. The configuration defines an AWS provider, an AWS instance resource, and a remote-exec provisioner.

```
provider "aws" {
  profile = "myvishesh"
  region = "ap-south-1"
}

resource "aws_instance" "web" {
  ami           = "ami-005956c5f0f757d37"
  instance_type = "t2.micro"
  key_name      = "mykey1111.pem"
  availability_zone = "ap-south-1a"
  security_groups = [ "launch-wizard-1" ]

  connection {
    type      = "ssh"
    user      = "ec2-user"
    private_key = "C:/Users/user/Desktop/cloud/mykey1111.pem"
    host      = "aws_instance.web.public_ip"
  }

  provisioner "remote-exec" {
    inline = [
      "sudo yum install httpd -y",
      "systemctl start httpd",
      "systemctl enable httpd",
      "sudo yum install git"
    ]
  }
}
```

C:\Users\user\Desktop\terraform\local>terraform validate

- 2.
3. Error: Could not satisfy plugin requirements
- 4.
- 5.
6. Plugin reinitialization required. Please run "terraform init".
- 7.

8. Plugins are external binaries that Terraform uses to access and manipulate
9. resources. The configuration provided requires plugins which can't be located,
10. don't satisfy the version constraints, or are otherwise incompatible.
11.
12. Terraform automatically discovers provider requirements from your
13. configuration, including providers used in child modules. To see the
14. requirements and constraints from each module, run "terraform providers".
15.
16.
17.
18. Error: provider.aws: no suitable version installed
19. version requirements: "(any version)"
20. versions installed: none
21.
22.
23.
24. C:\Users\user\Desktop\terraform\local>terraform init
25.
26. Initializing the backend...
27.
28. Initializing provider plugins...
29. - Checking for available provider plugins...
30. - Downloading plugin for provider "aws" (hashicorp/aws) 2.65.0...
31.
32. The following providers do not have any version constraints in configuration,
33. so the latest version was installed.
34.
35. To prevent automatic upgrades to new major versions that may contain breaking
36. changes, it is recommended to add version = "..." constraints to the
37. corresponding provider blocks in configuration, with the constraint strings
38. suggested below.
39.
40. * provider.aws: version = "~> 2.65"
41.
42. Terraform has been successfully initialized!
43.
44. You may now begin working with Terraform. Try running "terraform plan" to see
45. any changes that are required for your infrastructure. All Terraform commands
46. should now work.
47.
48. If you ever set or change modules or backend configuration for Terraform,
49. rerun this command to reinitialize your working directory. If you forget, other
50. commands will detect it and remind you to do so if necessary.

51.

52. C:\Users\user\Desktop\terraform\local>terraform validate

53. Success! The configuration is valid.

A screenshot of a Notepad window titled 'my - Notepad'. The window contains Terraform configuration code for an AWS instance. The code defines an AWS provider, an AWS instance resource named 'aws_instance.web', and a connection block for SSH access. The instance configuration includes AMI, instance type, key name, availability zone, and security groups. The connection block specifies the SSH type, user, private key file, and host. A provisioner block for 'remote-exec' is also present, listing commands to install and start httpd and git.

```
provider "aws" {  
  profile = "myvishesh"  
  region = "ap-south-1"  
}  
  
resource "aws_instance" "web" {  
  ami           = "ami-005956c5f0f757d37"  
  instance_type = "t2.micro"  
  key_name      = "mykey1111.pem"  
  availability_zone = "ap-south-1a"  
  security_groups = [ "launch-wizard-1" ]  
  
  connection {  
    type     = "ssh"  
    user     = "ec2-user"  
    private_key = file("C:/Users/user/Desktop/cloud/mykey1111.pem")  
    host     = "${aws_instance.web.public_ip}"  
  }  
  
  provisioner "remote-exec" {  
    inline = [  
      "sudo yum install httpd -y",  
      "systemctl start httpd",  
      "systemctl enable httpd",  
      "sudo yum install git".  
    ]  
  }  
}
```

C:\Users\user\Desktop\terraform\local>terraform apply --auto-approve

aws_instance.web: Creating...

aws_instance.web: Still creating... [10s elapsed]

aws_instance.web: Still creating... [20s elapsed]

aws_instance.web: Provisioning with 'remote-exec'...

aws_instance.web (remote-exec): Connecting to remote host via SSH...

aws_instance.web (remote-exec): Host: 13.233.174.170

aws_instance.web (remote-exec): User: ec2-user

aws_instance.web (remote-exec): Password: false

aws_instance.web (remote-exec): Private key: true

aws_instance.web (remote-exec): Certificate: false

aws_instance.web (remote-exec): SSH Agent: false

aws_instance.web (remote-exec): Checking Host Key: false

aws_instance.web (remote-exec): Connecting to remote host via SSH...

aws_instance.web (remote-exec): Host: 13.233.174.170

aws_instance.web (remote-exec): User: ec2-user

aws_instance.web (remote-exec): Password: false

aws_instance.web (remote-exec): Private key: true

aws_instance.web (remote-exec): Certificate: false

aws_instance.web (remote-exec): SSH Agent: false

aws_instance.web (remote-exec): Checking Host Key: false

aws_instance.web (remote-exec): Connected!

aws_instance.web: Still creating... [30s elapsed]
aws_instance.web (remote-exec): Loaded plugins: extras_suggestions,
aws_instance.web (remote-exec): : langpacks, priorities,
aws_instance.web (remote-exec): : update-motd
aws_instance.web (remote-exec): Existing lock /var/run/yum.pid: another copy is running
as pid 3284.
aws_instance.web (remote-exec): Another app is currently holding the yum lock; waiting
for it to exit...
aws_instance.web (remote-exec): The other application is: yum
aws_instance.web (remote-exec): Memory : 56 M RSS (348 MB VSZ)
aws_instance.web (remote-exec): Started: Thu Jun 11 15:55:52 2020 - 00:04 ago
aws_instance.web (remote-exec): State : Running, pid: 3284
aws_instance.web (remote-exec): Another app is currently holding the yum lock; waiting
for it to exit...
aws_instance.web (remote-exec): The other application is: yum
aws_instance.web (remote-exec): Memory : 112 M RSS (404 MB VSZ)
aws_instance.web (remote-exec): Started: Thu Jun 11 15:55:52 2020 - 00:06 ago
aws_instance.web (remote-exec): State : Running, pid: 3284
aws_instance.web (remote-exec): Resolving Dependencies
aws_instance.web (remote-exec): --> Running transaction check
aws_instance.web (remote-exec): ---> Package git.x86_64 0:2.23.3-1.amzn2.0.1 will be
installed
aws_instance.web (remote-exec): --> Processing Dependency: perl-Git =
2.23.3-1.amzn2.0.1 for package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: git-core-doc =
2.23.3-1.amzn2.0.1 for package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: git-core =
2.23.3-1.amzn2.0.1 for package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: emacsfilesystem >=
25.3 for package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: perl(Term::ReadKey) for
package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: perl(Git::l18N) for
package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: perl(Git) for package:
git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: libsecret-1.so.0()(64bit)
for package: git-2.23.3-1.amzn2.0.1.x86_64
aws_instance.web (remote-exec): ---> Package httpd.x86_64 0:2.4.43-1.amzn2 will be
installed
aws_instance.web (remote-exec): --> Processing Dependency: httpd-tools =
2.4.43-1.amzn2 for package: httpd-2.4.43-1.amzn2.x86_64

aws_instance.web (remote-exec): --> Processing Dependency: httpd-filesystem = 2.4.43-1.amzn2 for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: system-logos-httpd for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: mod_http2 for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: httpd-filesystem for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: /etc/mime.types for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.43-1.amzn2.x86_64
aws_instance.web (remote-exec): ---> Package php.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
aws_instance.web (remote-exec): --> Processing Dependency: php-cli(x86-64) = 5.4.16-46.amzn2.0.2 for package: php-5.4.16-46.amzn2.0.2.x86_64
aws_instance.web (remote-exec): --> Processing Dependency: php-common(x86-64) = 5.4.16-46.amzn2.0.2 for package: php-5.4.16-46.amzn2.0.2.x86_64
aws_instance.web (remote-exec): --> Running transaction check
aws_instance.web (remote-exec): ---> Package apr.x86_64 0:1.6.3-5.amzn2.0.2 will be installed
aws_instance.web (remote-exec): ---> Package apr-util.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
aws_instance.web (remote-exec): --> Processing Dependency: apr-util-bdb(x86-64) = 1.6.1-5.amzn2.0.2 for package: apr-util-1.6.1-5.amzn2.0.2.x86_64
aws_instance.web (remote-exec): ---> Package emacs-filesystem.noarch 1:25.3-3.amzn2.0.1 will be installed
aws_instance.web (remote-exec): ---> Package generic-logos-httpd.noarch 0:18.0.0-4.amzn2 will be installed
aws_instance.web (remote-exec): ---> Package git-core.x86_64 0:2.23.3-1.amzn2.0.1 will be installed
aws_instance.web (remote-exec): ---> Package git-core-doc.noarch 0:2.23.3-1.amzn2.0.1 will be installed
aws_instance.web (remote-exec): ---> Package httpd-filesystem.noarch 0:2.4.43-1.amzn2 will be installed
aws_instance.web (remote-exec): ---> Package httpd-tools.x86_64 0:2.4.43-1.amzn2 will be installed
aws_instance.web (remote-exec): ---> Package libsecret.x86_64 0:0.18.5-2.amzn2.0.2 will be installed
aws_instance.web (remote-exec): ---> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed

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aws_instance.web (remote-exec): ---> Package mod_http2.x86_64 0:1.15.3-2.amzn2 will
be installed
aws_instance.web (remote-exec): ---> Package perl-Git.noarch 0:2.23.3-1.amzn2.0.1 will
be installed
aws_instance.web (remote-exec): --> Processing Dependency: perl(Error) for package:
perl-Git-2.23.3-1.amzn2.0.1.noarch
aws_instance.web (remote-exec): ---> Package perl-TermReadKey.x86_64
0:2.30-20.amzn2.0.2 will be installed
aws_instance.web (remote-exec): ---> Package php-cli.x86_64 0:5.4.16-46.amzn2.0.2
will be installed
aws_instance.web (remote-exec): ---> Package php-common.x86_64
0:5.4.16-46.amzn2.0.2 will be installed
aws_instance.web (remote-exec): --> Processing Dependency: libzip.so.2()(64bit) for
package: php-common-5.4.16-46.amzn2.0.2.x86_64
aws_instance.web (remote-exec): --> Running transaction check
aws_instance.web (remote-exec): ---> Package apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
will be installed
aws_instance.web (remote-exec): ---> Package libzip010-compat.x86_64
0:0.10.1-9.amzn2.0.5 will be installed
aws_instance.web (remote-exec): ---> Package perl-Error.noarch 1:0.17020-2.amzn2
will be installed
aws_instance.web (remote-exec): --> Finished Dependency Resolution

```

```

aws_instance.web (remote-exec): Dependencies Resolved

```

```

aws_instance.web (remote-exec): =====
aws_instance.web (remote-exec): Package      Arch  Version
aws_instance.web (remote-exec):                Repository Size
aws_instance.web (remote-exec): =====
aws_instance.web (remote-exec): Installing:
aws_instance.web (remote-exec): git      x86_64 2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec):                amzn2-core 135 k
aws_instance.web (remote-exec): httpd    x86_64 2.4.43-1.amzn2
aws_instance.web (remote-exec):                amzn2-core 1.3 M
aws_instance.web (remote-exec): php      x86_64 5.4.16-46.amzn2.0.2
aws_instance.web (remote-exec):                amzn2-core 1.4 M
aws_instance.web (remote-exec): Installing for dependencies:
aws_instance.web (remote-exec): apr      x86_64 1.6.3-5.amzn2.0.2
aws_instance.web (remote-exec):                amzn2-core 118 k
aws_instance.web (remote-exec): apr-util x86_64 1.6.1-5.amzn2.0.2
aws_instance.web (remote-exec):                amzn2-core 99 k
aws_instance.web (remote-exec): apr-util-bdb x86_64 1.6.1-5.amzn2.0.2
aws_instance.web (remote-exec):                amzn2-core 19 k

```

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aws_instance.web (remote-exec): emacs-filesystem
aws_instance.web (remote-exec):          noarch 1:25.3-3.amzn2.0.1
aws_instance.web (remote-exec):          amzn2-core 64 k
aws_instance.web (remote-exec): generic-logos-httpd
aws_instance.web (remote-exec):          noarch 18.0.0-4.amzn2
aws_instance.web (remote-exec):          amzn2-core 19 k
aws_instance.web (remote-exec): git-core  x86_64 2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec):          amzn2-core 5.0 M
aws_instance.web (remote-exec): git-core-doc noarch 2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec):          amzn2-core 2.4 M
aws_instance.web (remote-exec): httpd-filesystem
aws_instance.web (remote-exec):          noarch 2.4.43-1.amzn2
aws_instance.web (remote-exec):          amzn2-core 23 k
aws_instance.web (remote-exec): httpd-tools x86_64 2.4.43-1.amzn2
aws_instance.web (remote-exec):          amzn2-core 87 k
aws_instance.web (remote-exec): libsecret  x86_64 0.18.5-2.amzn2.0.2
aws_instance.web (remote-exec):          amzn2-core 153 k
aws_instance.web (remote-exec): libzip010-compat
aws_instance.web (remote-exec):          x86_64 0.10.1-9.amzn2.0.5
aws_instance.web (remote-exec):          amzn2-core 30 k
aws_instance.web (remote-exec): mailcap    noarch 2.1.41-2.amzn2
aws_instance.web (remote-exec):          amzn2-core 31 k
aws_instance.web (remote-exec): mod_http2 x86_64 1.15.3-2.amzn2
aws_instance.web (remote-exec):          amzn2-core 146 k
aws_instance.web (remote-exec): perl-Error noarch 1:0.17020-2.amzn2
aws_instance.web (remote-exec):          amzn2-core 32 k
aws_instance.web (remote-exec): perl-Git  noarch 2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec):          amzn2-core 47 k
aws_instance.web (remote-exec): perl-TermReadKey
aws_instance.web (remote-exec):          x86_64 2.30-20.amzn2.0.2
aws_instance.web (remote-exec):          amzn2-core 31 k
aws_instance.web (remote-exec): php-cli  x86_64 5.4.16-46.amzn2.0.2
aws_instance.web (remote-exec):          amzn2-core 2.8 M
aws_instance.web (remote-exec): php-common x86_64 5.4.16-46.amzn2.0.2
aws_instance.web (remote-exec):          amzn2-core 563 k

aws_instance.web (remote-exec): Transaction Summary
aws_instance.web (remote-exec): =====
aws_instance.web (remote-exec): Install 3 Packages (+18 Dependent packages)

aws_instance.web (remote-exec): Total download size: 14 M
aws_instance.web (remote-exec): Installed size: 63 M
aws_instance.web (remote-exec): Downloading packages:

```

aws_instance.web (remote-exec): (1/21): apr-1.6.3- | 118 kB 00:00
aws_instance.web (remote-exec): (2/21): apr-util-b | 19 kB 00:00
aws_instance.web (remote-exec): (3/21): emacs-file | 64 kB 00:00
aws_instance.web (remote-exec): (4/21): generic-lo | 19 kB 00:00
aws_instance.web (remote-exec): (5/21): git-2.23.3 | 135 kB 00:00
aws_instance.web (remote-exec): (6/21): git-core-2 | 5.0 MB 00:00
aws_instance.web (remote-exec): (7/21): git-core-d | 2.4 MB 00:00
aws_instance.web (remote-exec): (8/21): httpd-2.4. | 1.3 MB 00:00
aws_instance.web (remote-exec): (9/21): httpd-file | 23 kB 00:00
aws_instance.web (remote-exec): (10/21): httpd-too | 87 kB 00:00
aws_instance.web (remote-exec): (11/21): libsecret | 153 kB 00:00
aws_instance.web (remote-exec): (12/21): apr-util- | 99 kB 00:00
aws_instance.web (remote-exec): (13/21): libzip010 | 30 kB 00:00
aws_instance.web (remote-exec): (14/21): mod_http2 | 146 kB 00:00
aws_instance.web (remote-exec): (15/21): mailcap-2 | 31 kB 00:00
aws_instance.web (remote-exec): (16/21): perl-Erro | 32 kB 00:00
aws_instance.web (remote-exec): (17/21): perl-Term | 31 kB 00:00
aws_instance.web (remote-exec): (18/21): perl-Git- | 47 kB 00:00
aws_instance.web (remote-exec): (19/21): php-5.4.1 | 1.4 MB 00:00
aws_instance.web (remote-exec): (20/21): php-commo | 563 kB 00:00
aws_instance.web (remote-exec): (21/21): php-cli-5 | 2.8 MB 00:00
aws_instance.web (remote-exec): -----
aws_instance.web (remote-exec): Total 29 MB/s | 14 MB 00:00
aws_instance.web (remote-exec): Running transaction check
aws_instance.web (remote-exec): Running transaction test
aws_instance.web (remote-exec): Transaction test succeeded
aws_instance.web (remote-exec): Running transaction
aws_instance.web (remote-exec): Installing : apr-1.6 [] 1/21
aws_instance.web (remote-exec): Installing : apr-1.6 [##] 1/21
aws_instance.web (remote-exec): Installing : apr-1.6 [#####] 1/21
aws_instance.web (remote-exec): Installing : apr-1.6 [#####] 1/21
aws_instance.web (remote-exec): Installing : apr-1.6 [#####] 1/21
aws_instance.web (remote-exec): Installing : apr-1.6.3-5.amzn 1/21
aws_instance.web (remote-exec): Installing : apr-uti [] 2/21
aws_instance.web (remote-exec): Installing : apr-uti [##] 2/21
aws_instance.web (remote-exec): Installing : apr-uti [#####] 2/21
aws_instance.web (remote-exec): Installing : apr-uti [#####] 2/21
aws_instance.web (remote-exec): Installing : apr-uti [#####] 2/21
aws_instance.web (remote-exec): Installing : apr-util-1.6.1-5 2/21
aws_instance.web (remote-exec): Installing : apr-uti [] 3/21
aws_instance.web (remote-exec): Installing : apr-uti [#####] 3/21
aws_instance.web (remote-exec): Installing : apr-util-bdb-1.6 3/21
aws_instance.web (remote-exec): Installing : git-cor [] 4/21

aws_instance.web (remote-exec): Installing : git-cor [#] 4/21
aws_instance.web (remote-exec): Installing : git-cor [##] 4/21
aws_instance.web (remote-exec): Installing : git-cor [###] 4/21
aws_instance.web (remote-exec): Installing : git-cor [####] 4/21
aws_instance.web (remote-exec): Installing : git-cor [#####] 4/21
aws_instance.web (remote-exec): Installing : git-cor [#####] 4/21
aws_instance.web (remote-exec): Installing : git-core-2.23.3- 4/21
aws_instance.web (remote-exec): Installing : git-cor [] 5/21
aws_instance.web (remote-exec): Installing : git-cor [#] 5/21
aws_instance.web (remote-exec): Installing : git-cor [##] 5/21
aws_instance.web (remote-exec): Installing : git-cor [###] 5/21
aws_instance.web (remote-exec): Installing : git-cor [####] 5/21
aws_instance.web (remote-exec): Installing : git-cor [#####] 5/21
aws_instance.web (remote-exec): Installing : git-cor [#####] 5/21
aws_instance.web (remote-exec): Installing : git-core-doc-2.2 5/21
aws_instance.web (remote-exec): Installing : httpd-t [] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [##] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [###] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [####] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [#####] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [#####] 6/21
aws_instance.web (remote-exec): Installing : httpd-t [#####] 6/21
aws_instance.web (remote-exec): Installing : httpd-tools-2.4. 6/21
aws_instance.web (remote-exec): Installing : generic [] 7/21
aws_instance.web (remote-exec): Installing : generic [#####] 7/21
aws_instance.web (remote-exec): Installing : generic [#####] 7/21
aws_instance.web (remote-exec): Installing : generic-logos-ht 7/21
aws_instance.web (remote-exec): Installing : mailcap [] 8/21
aws_instance.web (remote-exec): Installing : mailcap [#####] 8/21
aws_instance.web (remote-exec): Installing : mailcap [#####] 8/21
aws_instance.web (remote-exec): Installing : mailcap-2.1.41-2 8/21
aws_instance.web (remote-exec): Installing : httpd-f [] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [#] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [###] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [####] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [#####] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [#####] 9/21
aws_instance.web (remote-exec): Installing : httpd-f [#####] 9/21
aws_instance.web (remote-exec): Installing : httpd-filesystem 9/21
aws_instance.web (remote-exec): Installing : mod_htt [] 10/21
aws_instance.web (remote-exec): Installing : mod_htt [#] 10/21

aws_instance.web (remote-exec): Installing : mod_htt [##] 10/21
aws_instance.web (remote-exec): Installing : mod_htt [####] 10/21
aws_instance.web (remote-exec): Installing : mod_htt [#####] 10/21
aws_instance.web (remote-exec): Installing : mod_htt [#####] 10/21
aws_instance.web (remote-exec): Installing : mod_htt [#####] 10/21
aws_instance.web (remote-exec): Installing : mod_http2-1.15.3 10/21
aws_instance.web (remote-exec): Installing : httpd-2 [] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [#] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [##] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [###] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [####] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [#####] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [#####] 11/21
aws_instance.web (remote-exec): Installing : httpd-2 [#####] 11/21
aws_instance.web (remote-exec): Installing : httpd-2.4.43-1.a 11/21
aws_instance.web (remote-exec): Installing : 1:perl- [] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [#] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [##] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [###] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [####] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [#####] 12/21
aws_instance.web (remote-exec): Installing : 1:perl- [#####] 12/21
aws_instance.web (remote-exec): Installing : 1:perl-Error-0.1 12/21
aws_instance.web (remote-exec): Installing : libzip0 [] 13/21
aws_instance.web (remote-exec): Installing : libzip0 [#####] 13/21
aws_instance.web (remote-exec): Installing : libzip010-compatible 13/21
aws_instance.web (remote-exec): Installing : php-com [] 14/21
aws_instance.web (remote-exec): Installing : php-com [#] 14/21
aws_instance.web (remote-exec): Installing : php-com [##] 14/21
aws_instance.web (remote-exec): Installing : php-com [###] 14/21
aws_instance.web (remote-exec): Installing : php-com [####] 14/21
aws_instance.web (remote-exec): Installing : php-com [#####] 14/21
aws_instance.web (remote-exec): Installing : php-com [#####] 14/21
aws_instance.web (remote-exec): Installing : php-com [#####] 14/21
aws_instance.web (remote-exec): Installing : php-com [#####] 14/21
aws_instance.web (remote-exec): Installing : php-common-5.4.1 14/21
aws_instance.web: Still creating... [40s elapsed]
aws_instance.web (remote-exec): Installing : php-cli [] 15/21
aws_instance.web (remote-exec): Installing : php-cli [#] 15/21
aws_instance.web (remote-exec): Installing : php-cli [##] 15/21
aws_instance.web (remote-exec): Installing : php-cli [###] 15/21
aws_instance.web (remote-exec): Installing : php-cli [####] 15/21
aws_instance.web (remote-exec): Installing : php-cli [#####] 15/21
aws_instance.web (remote-exec): Installing : php-cli [#####] 15/21
aws_instance.web (remote-exec): Installing : php-cli [#####] 15/21
aws_instance.web (remote-exec): Installing : php-cli [#####] 15/21

aws_instance.web (remote-exec): Installing : php-cli-5.4.16-4 15/21
aws_instance.web (remote-exec): Installing : perl-Te [] 16/21
aws_instance.web (remote-exec): Installing : perl-Te [##] 16/21
aws_instance.web (remote-exec): Installing : perl-Te [#####] 16/21
aws_instance.web (remote-exec): Installing : perl-Te [#####] 16/21
aws_instance.web (remote-exec): Installing : perl-TermReadKey 16/21
aws_instance.web (remote-exec): Installing : libsecr [] 17/21
aws_instance.web (remote-exec): Installing : libsecr [#] 17/21
aws_instance.web (remote-exec): Installing : libsecr [##] 17/21
aws_instance.web (remote-exec): Installing : libsecr [###] 17/21
aws_instance.web (remote-exec): Installing : libsecr [####] 17/21
aws_instance.web (remote-exec): Installing : libsecr [#####] 17/21
aws_instance.web (remote-exec): Installing : libsecr [#####] 17/21
aws_instance.web (remote-exec): Installing : libsecr [#####] 17/21
aws_instance.web (remote-exec): Installing : libsecret-0.18.5 17/21
aws_instance.web (remote-exec): Installing : 1:emacs [] 18/21
aws_instance.web (remote-exec): Installing : 1:emacs [#] 18/21
aws_instance.web (remote-exec): Installing : 1:emacs [###] 18/21
aws_instance.web (remote-exec): Installing : 1:emacs [#####] 18/21
aws_instance.web (remote-exec): Installing : 1:emacs-filesyst 18/21
aws_instance.web (remote-exec): Installing : perl-Gi [] 19/21
aws_instance.web (remote-exec): Installing : perl-Gi [#] 19/21
aws_instance.web (remote-exec): Installing : perl-Gi [#####] 19/21
aws_instance.web (remote-exec): Installing : perl-Git-2.23.3- 19/21
aws_instance.web (remote-exec): Installing : git-2.2 [] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [#] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [##] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [###] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [####] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [#####] 20/21
aws_instance.web (remote-exec): Installing : git-2.2 [#####] 20/21
aws_instance.web (remote-exec): Installing : git-2.23.3-1.amz 20/21
aws_instance.web (remote-exec): Installing : php-5.4 [] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [#] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [##] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [###] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [####] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [#####] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [#####] 21/21
aws_instance.web (remote-exec): Installing : php-5.4 [#####] 21/21
aws_instance.web (remote-exec): Installing : php-5.4.16-46.am 21/21
aws_instance.web (remote-exec): Verifying : 1:emacs-filesyst 1/21
aws_instance.web (remote-exec): Verifying : git-2.23.3-1.amz 2/21

aws_instance.web (remote-exec): Verifying : apr-util-bdb-1.6 3/21
aws_instance.web (remote-exec): Verifying : php-cli-5.4.16-4 4/21
aws_instance.web (remote-exec): Verifying : libsecret-0.18.5 5/21
aws_instance.web (remote-exec): Verifying : perl-TermReadKey 6/21
aws_instance.web (remote-exec): Verifying : httpd-2.4.43-1.a 7/21
aws_instance.web (remote-exec): Verifying : mod_http2-1.15.3 8/21
aws_instance.web (remote-exec): Verifying : apr-1.6.3-5.amzn 9/21
aws_instance.web (remote-exec): Verifying : php-5.4.16-46.am 10/21
aws_instance.web (remote-exec): Verifying : libzip010-compatible 11/21
aws_instance.web (remote-exec): Verifying : git-core-2.23.3- 12/21
aws_instance.web (remote-exec): Verifying : apr-util-1.6.1-5 13/21
aws_instance.web (remote-exec): Verifying : 1:perl-Error-0.1 14/21
aws_instance.web (remote-exec): Verifying : httpd-filesystem 15/21
aws_instance.web (remote-exec): Verifying : mailcap-2.1.41-2 16/21
aws_instance.web (remote-exec): Verifying : generic-logos-ht 17/21
aws_instance.web (remote-exec): Verifying : php-common-5.4.1 18/21
aws_instance.web (remote-exec): Verifying : perl-Git-2.23.3- 19/21
aws_instance.web (remote-exec): Verifying : git-core-doc-2.2 20/21
aws_instance.web (remote-exec): Verifying : httpd-tools-2.4. 21/21

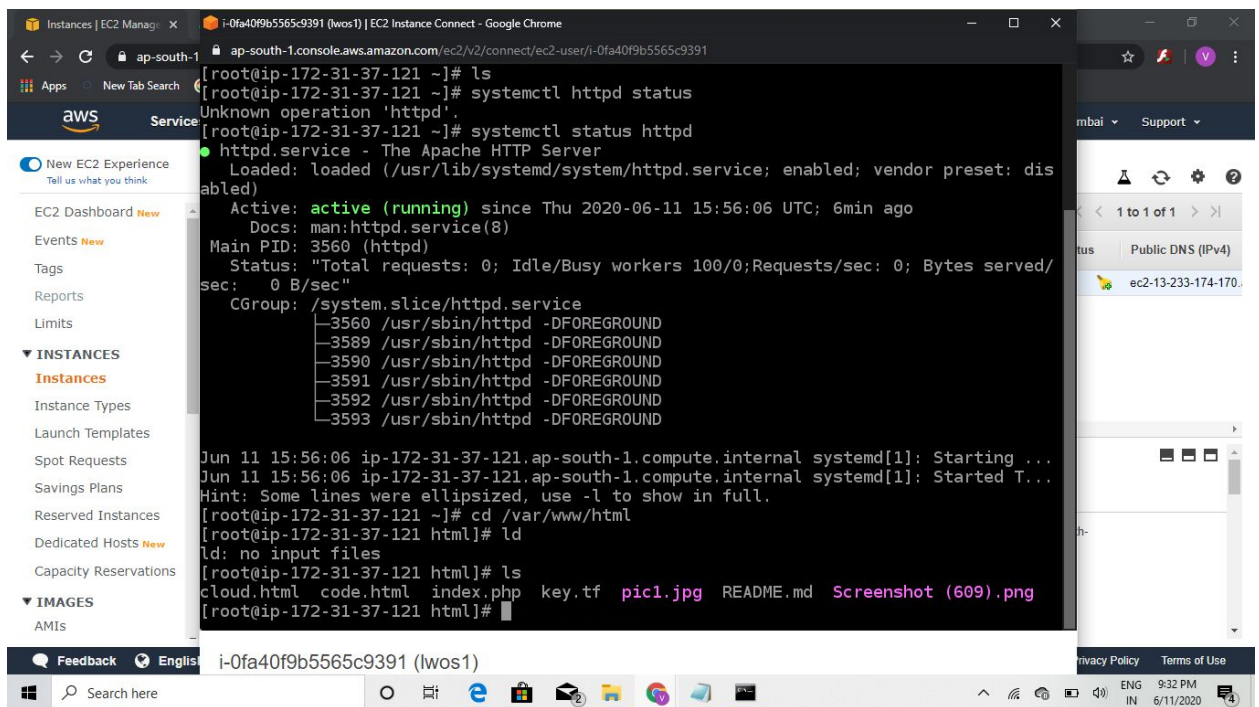
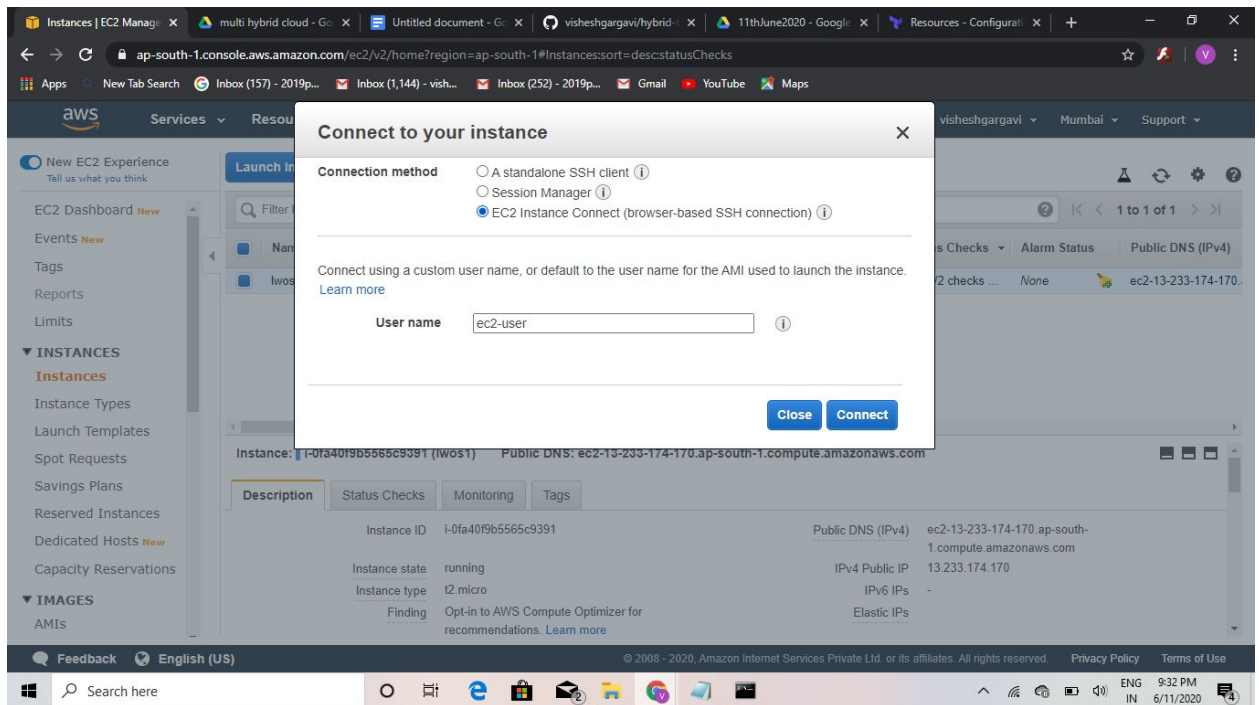
aws_instance.web (remote-exec): Installed:

aws_instance.web (remote-exec): git.x86_64 0:2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec): httpd.x86_64 0:2.4.43-1.amzn2
aws_instance.web (remote-exec): php.x86_64 0:5.4.16-46.amzn2.0.2

aws_instance.web (remote-exec): Dependency Installed:

aws_instance.web (remote-exec): apr.x86_64 0:1.6.3-5.amzn2.0.2
aws_instance.web (remote-exec): apr-util.x86_64 0:1.6.1-5.amzn2.0.2
aws_instance.web (remote-exec): apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
aws_instance.web (remote-exec): emacs-filesystem.noarch 1:25.3-3.amzn2.0.1
aws_instance.web (remote-exec): generic-logos-httpd.noarch 0:18.0.0-4.amzn2
aws_instance.web (remote-exec): git-core.x86_64 0:2.23.3-1.amzn2.0.1
aws_instance.web (remote-exec): git-core-doc.noarch 0:2.23.3-1.amzn2.0.1

aws_instance.web (remote-exec): httpd-filesystem.noarch 0:2.4.43-1.amzn2



Instances | EC2 Manag... x i-0fa40f9b5565c9391 (lws1) | EC2 Instance Connect - Google Chrome

ap-south-1 console.aws.amazon.com/ec2/v2/connect/ec2-user/i-0fa40f9b5565c9391

```
[root@ip-172-31-37-121 ~]# ls
[root@ip-172-31-37-121 ~]# systemctl httpd status
Unknown operation 'httpd'.
[root@ip-172-31-37-121 ~]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Thu 2020-06-11 15:56:06 UTC; 6min ago
     Docs: man:httpd.service(8)
    Main PID: 3560 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
    CGroup: /system.slice/httpd.service
            └─3560 /usr/sbin/httpd -DFOREGROUND
              └─3589 /usr/sbin/httpd -DFOREGROUND
                └─3590 /usr/sbin/httpd -DFOREGROUND
                  └─3591 /usr/sbin/httpd -DFOREGROUND
                    └─3592 /usr/sbin/httpd -DFOREGROUND
                      └─3593 /usr/sbin/httpd -DFOREGROUND

Jun 11 15:56:06 ip-172-31-37-121.ap-south-1.compute.internal systemd[1]: Starting ...
Jun 11 15:56:06 ip-172-31-37-121.ap-south-1.compute.internal systemd[1]: Started T...
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-37-121 ~]# cd /var/www/html
[root@ip-172-31-37-121 html]# ls
cloud.html code.html index.php key.tf pic1.jpg README.md Screenshot (609).png
[root@ip-172-31-37-121 html]#
```

Feedback English i-0fa40f9b5565c9391 (lws1)

Search here

ENG 9:32 PM 6/11/2020

Instances | EC2 Manag... x i-0fa40f9b5565c9391 (lws1) | EC2 Instance Connect - Google Chrome

ap-south-1 console.aws.amazon.com/ec2/v2/connect/ec2-user/i-0fa40f9b5565c9391

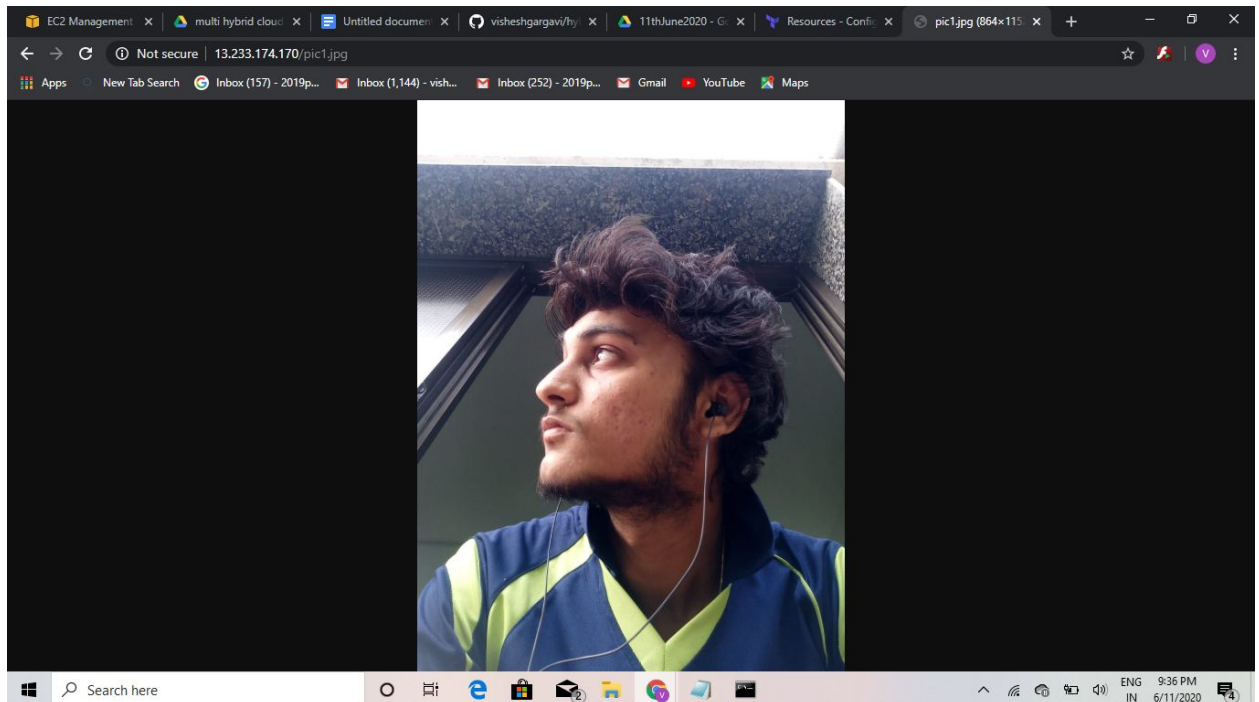
```
Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
CGroup: /system.slice/httpd.service
        └─3560 /usr/sbin/httpd -DFOREGROUND
          └─3589 /usr/sbin/httpd -DFOREGROUND
            └─3590 /usr/sbin/httpd -DFOREGROUND
              └─3591 /usr/sbin/httpd -DFOREGROUND
                └─3592 /usr/sbin/httpd -DFOREGROUND
                  └─3593 /usr/sbin/httpd -DFOREGROUND

Jun 11 15:56:06 ip-172-31-37-121.ap-south-1.compute.internal systemd[1]: Starting ...
Jun 11 15:56:06 ip-172-31-37-121.ap-south-1.compute.internal systemd[1]: Started T...
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-37-121 ~]# cd /var/www/html
[root@ip-172-31-37-121 html]# ls
cloud.html code.html index.php key.tf pic1.jpg README.md Screenshot (609).png
[root@ip-172-31-37-121 html]# df
Filesystem      1K-blocks    Used Available Use% Mounted on
devtmpfs        485348      0   485348   0% /dev
tmpfs           503472      0   503472   0% /dev/shm
tmpfs           503472    472   503000   1% /run
tmpfs           503472      0   503472   0% /sys/fs/cgroup
/dev/xvda1      8376300 1386116 6990184  17% /
/dev/xvdh       999320   3820   926688   1% /var/www/html
tmpfs          100696      0   100696   0% /run/user/0
tmpfs          100696      0   100696   0% /run/user/1000
[root@ip-172-31-37-121 html]#
```

Feedback English i-0fa40f9b5565c9391 (lws1)

Search here

ENG 9:33 PM 6/11/2020



```
File Edit Format View Help
provider "aws" {
  region = "ap-south-1"
  profile = "myvishesh"
}

resource "aws_instance" "web" {
  ami           = "ami-0447a12f28fddb066"
  instance_type = "t2.micro"
  key_name      = "mykey1111.pem"
  security_groups = [ "launch-wizard-2" ]

  connection {
    type        = "ssh"
    user        = "ec2-user"
    private_key = file("C:/Users/user/Desktop/cloud/mykey1111.pem")
    host        = aws_instance.web.public_ip
  }

  provisioner "remote-exec" {
    inline = [
      "sudo yum install php -y",
      "sudo yum install httpd -y",
      "sudo yum install git -y",
      "sudo systemctl start httpd"
    ]
  }
}
```

```
*my - Notepad
File Edit Format View Help

    "sudo yum install php -y",
    "sudo yum install httpd -y"
    "sudo yum install git -y"
    "sudo systemctl start httpd",
    "sudo systemctl enable httpd",
  ]
}

tags = {
  Name = "lwos1"
}

}

resource "aws_ebs_volume" "esb1" {
  availability_zone = aws_instance.web.availability_zone
  size              = 1
  tags = {
    Name = "lwebs"
  }
}

resource "aws_volume_attachment" "esb att" {
```

```
*my - Notepad
File Edit Format View Help

}

resource "aws_volume_attachment" "esb_att" {
  device_name = "/dev/sdh"
  volume_id   = "${aws_ebs_volume.esb1.id}"
  instance_id = "${aws_instance.web.id}"
  force_detach = true
}

output "myos_ip" {
  value = aws_instance.web.public_ip
}

resource "null_resource" "nulllocal2" {
  provisioner "local-exec" {
    command = "echo ${aws_instance.web.public_ip} > publicip.txt"
  }
}

resource "null_resource" "nullremote3" {
```

aws_instance.web (remote-exec): httpd-tools.x86_64 0:2.4.43-1.amzn2
aws_instance.web (remote-exec): libsecret.x86_64 0:0.18.5-2.amzn2.0.2
aws_instance.web (remote-exec): libzip010-compat.x86_64 0:0.10.1-9.amzn2.0.5
aws_instance.web (remote-exec): mailcap.noarch 0:2.1.41-2.amzn2
aws_instance.web (remote-exec): mod_http2.x86_64 0:1.15.3-2.amzn2
aws_instance.web (remote-exec): perl-Error.noarch 1:0.17020-2.amzn2
aws_instance.web (remote-exec): perl-Git.noarch 0:2.23.3-1.amzn2.0.1

aws_instance.web (remote-exec): perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2
aws_instance.web (remote-exec): php-cli.x86_64 0:5.4.16-46.amzn2.0.2
aws_instance.web (remote-exec): php-common.x86_64 0:5.4.16-46.amzn2.0.2

aws_instance.web (remote-exec): Complete!
aws_instance.web (remote-exec): Created symlink from
/etc/systemd/system/multi-user.target.wants/httpd.service to
/usr/lib/systemd/system/httpd.service.
aws_instance.web: Creation complete after 41s [id=i-0fa40f9b5565c9391]
null_resource.nulllocal2: Creating...
aws_ebs_volume.esb1: Creating...
null_resource.nulllocal2: Provisioning with 'local-exec'...
null_resource.nulllocal2 (local-exec): Executing: ["cmd" "/C" "echo 13.233.174.170 >
publicip.txt"]
null_resource.nulllocal2: Creation complete after 0s [id=298761739704032418]
aws_ebs_volume.esb1: Still creating... [10s elapsed]
aws_ebs_volume.esb1: Creation complete after 11s [id=vol-03214b9a4478bc96e]
aws_volume_attachment.ebs_att: Creating...
aws_volume_attachment.ebs_att: Still creating... [10s elapsed]
aws_volume_attachment.ebs_att: Still creating... [20s elapsed]
aws_volume_attachment.ebs_att: Creation complete after 22s [id=vai-3650466338]
null_resource.nullremote3: Creating...
null_resource.nullremote3: Provisioning with 'remote-exec'...
null_resource.nullremote3 (remote-exec): Connecting to remote host via SSH...
null_resource.nullremote3 (remote-exec): Host: 13.233.174.170
null_resource.nullremote3 (remote-exec): User: ec2-user
null_resource.nullremote3 (remote-exec): Password: false
null_resource.nullremote3 (remote-exec): Private key: true
null_resource.nullremote3 (remote-exec): Certificate: false
null_resource.nullremote3 (remote-exec): SSH Agent: false
null_resource.nullremote3 (remote-exec): Checking Host Key: false
null_resource.nullremote3 (remote-exec): Connected!
null_resource.nullremote3 (remote-exec): mke2fs 1.42.9 (28-Dec-2013)
null_resource.nullremote3 (remote-exec): Filesystem label=
null_resource.nullremote3 (remote-exec): OS type: Linux
null_resource.nullremote3 (remote-exec): Block size=4096 (log=2)
null_resource.nullremote3 (remote-exec): Fragment size=4096 (log=2)
null_resource.nullremote3 (remote-exec): Stride=0 blocks, Stripe width=0 blocks
null_resource.nullremote3 (remote-exec): 65536 inodes, 262144 blocks
null_resource.nullremote3 (remote-exec): 13107 blocks (5.00%) reserved for the super
user
null_resource.nullremote3 (remote-exec): First data block=0
null_resource.nullremote3 (remote-exec): Maximum filesystem blocks=268435456

null_resource.nullremote3 (remote-exec): 8 block groups
null_resource.nullremote3 (remote-exec): 32768 blocks per group, 32768 fragments per group
null_resource.nullremote3 (remote-exec): 8192 inodes per group
null_resource.nullremote3 (remote-exec): Superblock backups stored on blocks:
null_resource.nullremote3 (remote-exec): 32768, 98304, 163840, 229376

null_resource.nullremote3 (remote-exec): Allocating group tables: done
null_resource.nullremote3 (remote-exec): Writing inode tables: done
null_resource.nullremote3 (remote-exec): Creating journal (8192 blocks): done
null_resource.nullremote3 (remote-exec): Writing superblocks and filesystem accounting information: done

null_resource.nullremote3 (remote-exec): Cloning into '/var/www/html'...

Progress	Counting objects
remote: Enumerating objects: 22, done.	
remote: Counting objects: 4%	(1/22)
remote: Counting objects: 9%	(2/22)
remote: Counting objects: 13%	(3/22)
remote: Counting objects: 18%	(4/22)
remote: Counting objects: 22%	(5/22)
remote: Counting objects: 27%	(6/22)
remote: Counting objects: 31%	(7/22)
remote: Counting objects: 36%	(8/22)
remote: Counting objects: 40%	(9/22)
remote: Counting objects: 45%	(10/22)
remote: Counting objects: 50%	(11/22)
remote: Counting objects: 54%	(12/22)
remote: Counting objects: 59%	(13/22)
remote: Counting objects: 63%	(14/22)
remote: Counting objects: 68%	(15/22)
remote: Counting objects: 72%	(16/22)
remote: Counting objects: 77%	(17/22)
remote: Counting objects: 81%	(18/22)
remote: Counting objects: 86%	(19/22)
remote: Counting objects: 90%	(20/22)
remote: Counting objects: 95%	(21/22)
remote: Counting objects: 100%	(22/22)
remote: Counting objects: 100% (22/22), done.	
remote: Compressing objects: 5%	(1/20)
remote: Compressing objects: 10%	(2/20)
remote: Compressing objects: 15%	(3/20)
remote: Compressing objects: 20%	(4/20)
remote: Compressing objects: 25%	(5/20)

null_resource.nullremote3 (remote-exec): remote: Compressing objects: 30% (6/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 35% (7/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 40% (8/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 45% (9/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 50% (10/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 55% (11/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 60% (12/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 65% (13/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 70% (14/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 75% (15/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 80% (16/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 85% (17/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 90% (18/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 95% (19/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 100% (20/20)
null_resource.nullremote3 (remote-exec): remote: Compressing objects: 100% (20/20),
done.

null_resource.nullremote3 (remote-exec): Unpacking objects: 4% (1/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 9% (2/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 13% (3/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 18% (4/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 22% (5/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 27% (6/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 31% (7/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 36% (8/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 40% (9/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 45% (10/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 50% (11/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 54% (12/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 59% (13/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 63% (14/22)
null_resource.nullremote3 (remote-exec): remote: Total 22 (delta 6), reused 0 (delta 0),
pack-reused 0

null_resource.nullremote3 (remote-exec): Unpacking objects: 68% (15/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 72% (16/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 77% (17/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 81% (18/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 86% (19/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 90% (20/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 95% (21/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 100% (22/22)
null_resource.nullremote3 (remote-exec): Unpacking objects: 100% (22/22), done.
null_resource.nullremote3: Creation complete after 4s [id=4530427936088956246]


```
null_resource.nulllocal1: Creating...
null_resource.nulllocal1: Provisioning with 'local-exec'...
null_resource.nulllocal1 (local-exec): Executing: ["cmd" "/C" "chrome 13.233.174.170"]
null_resource.nulllocal1 (local-exec): 'chrome' is not recognized as an internal or external
command,
null_resource.nulllocal1 (local-exec): operable program or batch file.
```

Warning: Interpolation-only expressions are deprecated

```
on my.tf line 46, in resource "aws_volume_attachment" "ebs_att":
46: volume_id = "${aws_ebs_volume.esb1.id}"
```

Terraform 0.11 and earlier required all non-constant expressions to be provided via interpolation syntax, but this pattern is now deprecated. To silence this warning, remove the "\${ sequence from the start and the }" sequence from the end of this expression, leaving just the inner expression.

Template interpolation syntax is still used to construct strings from expressions when the template includes multiple interpolation sequences or a mixture of literal strings and interpolations. This deprecation applies only to templates that consist entirely of a single interpolation sequence.

```
C:\Users\user\Desktop\terraform\local>terraform destroy --auto-approve
aws_instance.web: Refreshing state... [id=i-0fa40f9b5565c9391]
aws_ebs_volume.esb1: Refreshing state... [id=vol-03214b9a4478bc96e]
null_resource.nulllocal2: Refreshing state... [id=298761739704032418]
aws_volume_attachment.ebs_att: Refreshing state... [id=vai-3650466338]
null_resource.nullremote3: Refreshing state... [id=4530427936088956246]
null_resource.nulllocal1: Refreshing state... [id=1254318371080726583]
null_resource.nulllocal2: Destroying... [id=298761739704032418]
null_resource.nulllocal1: Destroying... [id=1254318371080726583]
null_resource.nulllocal1: Destruction complete after 0s
null_resource.nulllocal2: Destruction complete after 0s
null_resource.nullremote3: Destroying... [id=4530427936088956246]
null_resource.nullremote3: Destruction complete after 0s
aws_volume_attachment.ebs_att: Destroying... [id=vai-3650466338]
aws_volume_attachment.ebs_att: Still destroying... [id=vai-3650466338, 10s elapsed]
aws_volume_attachment.ebs_att: Still destroying... [id=vai-3650466338, 20s elapsed]
aws_volume_attachment.ebs_att: Still destroying... [id=vai-3650466338, 30s elapsed]
aws_volume_attachment.ebs_att: Still destroying... [id=vai-3650466338, 40s elapsed]
aws_volume_attachment.ebs_att: Destruction complete after 42s
```

```
aws_ebs_volume.esb1: Destroying... [id=vol-03214b9a4478bc96e]
aws_ebs_volume.esb1: Destruction complete after 1s
aws_instance.web: Destroying... [id=i-0fa40f9b5565c9391]
aws_instance.web: Still destroying... [id=i-0fa40f9b5565c9391, 10s elapsed]
aws_instance.web: Still destroying... [id=i-0fa40f9b5565c9391, 20s elapsed]
aws_instance.web: Still destroying... [id=i-0fa40f9b5565c9391, 30s elapsed]
aws_instance.web: Destruction complete after 31s
```

Warning: Interpolation-only expressions are deprecated

```
on my.tf line 46, in resource "aws_volume_attachment" "ebs_att":
46: volume_id = "${aws_ebs_volume.esb1.id}"
```

Terraform 0.11 and earlier required all non-constant expressions to be provided via interpolation syntax, but this pattern is now deprecated. To silence this warning, remove the "\${ sequence from the start and the }" sequence from the end of this expression, leaving just the inner expression.

Template interpolation syntax is still used to construct strings from expressions when the template includes multiple interpolation sequences or a mixture of literal strings and interpolations. This deprecation applies only to templates that consist entirely of a single interpolation sequence.

(and one more similar warning elsewhere)

Destroy complete! Resources: 6 destroyed.