

# Publicação de uma aplicação PHP (*deploy*)

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# Praticando

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FEDERAL**  
São Paulo

# Praticando

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Vamos agora praticar um pouco com um exercício.





# Praticando

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O praticando da aula de deploy consiste em enviar para sua máquina na EC2 a atividade da aula de ***composer***, o formulário de busca de CEP.



# Praticando

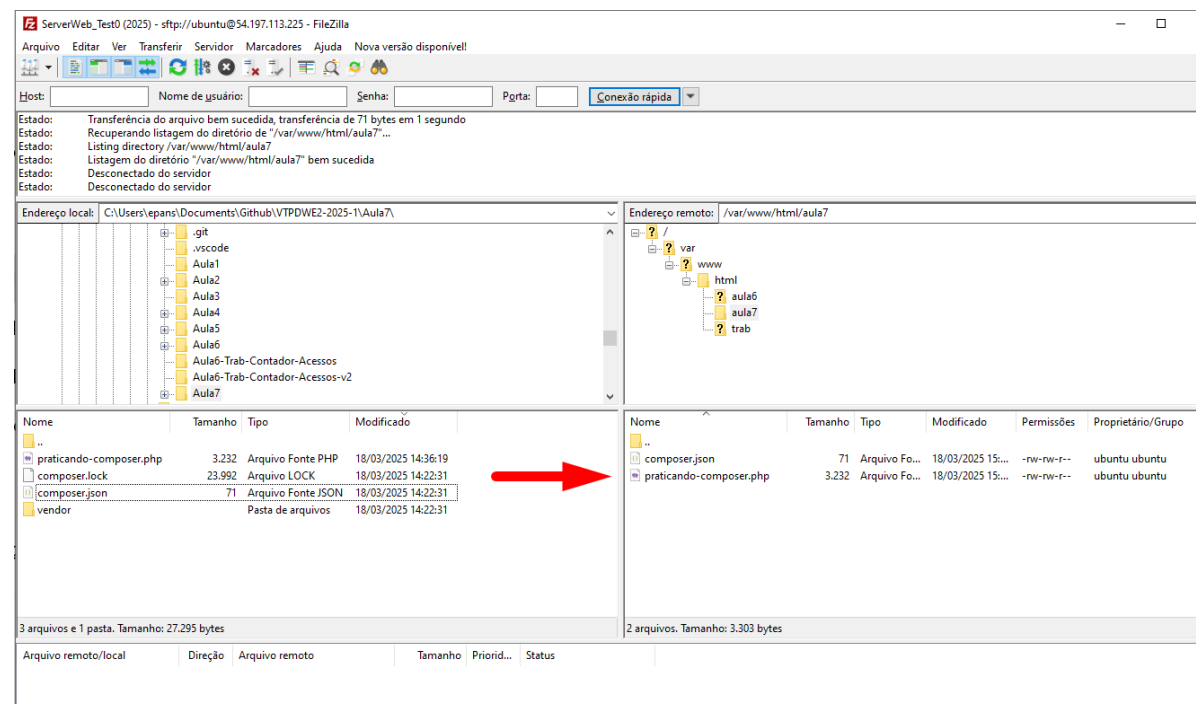
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Minha sugestão, para esse praticando é usar o ***Filezilla*** e algum **cliente SSH** como o **Termius** ou o **CloudShell** .



# Praticando

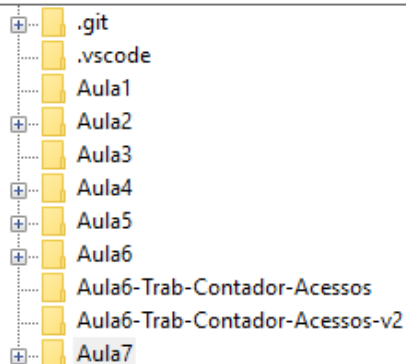
O Filezilla será usado para enviar os arquivos para sua instância:



Host:  Nome de usuário:  Senha:  Porta:  Conexão rápida 

Estado: Transferência do arquivo bem sucedida, transferência de 71 bytes em 1 segundo  
Estado: Recuperando listagem do diretório de "/var/www/html/aula7" ...  
Estado: Listing directory /var/www/html/aula7  
Estado: Listagem do diretório "/var/www/html/aula7" bem sucedida  
Estado: Desconectado do servidor  
Estado: Desconectado do servidor

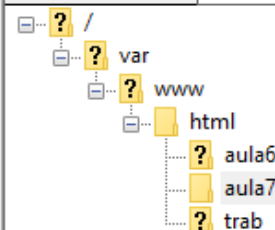
Endereço local: C:\Users\epans\Documents\Github\VTPDWE2-2025-1\Aula7\



Nome	Tamanho	Tipo	Modificado
..			
praticando-composer.php	3.232	Arquivo Fonte PHP	18/03/2025 14:36:19
composer.lock	23.992	Arquivo LOCK	18/03/2025 14:22:31
composer.json	71	Arquivo Fonte JSON	18/03/2025 14:22:31
vendor		Pasta de arquivos	18/03/2025 14:22:31

3 arquivos e 1 pasta. Tamanho: 27.295 bytes

Endereço remoto: /var/www/html/aula7



Nome	Tamanho	Tipo	Modificado	Permissões	Proprietário/Grupo
..					
composer.json	71	Arquivo Fo...	18/03/2025 15:...	-rw-rw-r--	ubuntu ubuntu
praticando-composer.php	3.232	Arquivo Fo...	18/03/2025 15:...	-rw-rw-r--	ubuntu ubuntu

2 arquivos. Tamanho: 3.303 bytes

Arquivo remoto/local	Direção	Arquivo remoto	Tamanho	Priorid...	Status
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# Praticando

Importante!

Você **não deve** enviar a pasta *vendor*.

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..			
praticando-composer.php	3.232	Arquivo Fonte PHP	18/03/2025 14:36:19
composer.lock	23.992	Arquivo LOCK	18/03/2025 14:22:31
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# Praticando

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A pasta **vendor** contém todas as dependências instaladas, mas esses arquivos **variam conforme o ambiente** (Windows, Linux, etc.).



# Praticando

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Se você enviar a **vendor**, pode acabar com incompatibilidades e problemas, considerando que seu ambiente local não é exatamente igual sua instância.



# Praticando

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Você deve enviar apenas:

- O arquivo ***composer.json*** (que lista todas as dependências).
- O arquivo ***composer.lock*** (garante que as versões das dependências sejam as mesmas em qualquer ambiente).



# Praticando

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Em seguida, conectado por SSH você deverá instalar os componentes, porém para isso você precisará do composer em sua VM...



# Praticando

<https://getcomposer.org/download/>

**Download Composer** Latest: v2.8.6

**Windows Installer**

The installer - which requires that you have PHP already installed - will download Composer for you and set up your PATH environment variable so you can simply call `composer` from any directory.

Download and run [Composer-Setup.exe](#) - it will install the latest composer version whenever it is executed.

**Command-line installation**

To quickly install Composer in the current directory, run the following script in your terminal. To automate the installation, use [the guide on installing Composer programmatically](#).

1) 

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('sha384', 'composer-setup.php') === 'dac665fdc30fdd8ec78b38b9800061b4150413ff2e3b6f88543c
php composer-setup.php
php -r "unlink('composer-setup.php');"
```

This installer script will simply check some `php.ini` settings, warn you if they are set incorrectly, and then download the latest `composer.phar` in the current directory. The 4 lines above will, in order:

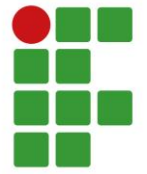
- Download the installer to the current directory
- Verify the installer SHA-384, which you can also [cross-check here](#)
- Run the installer
- Remove the installer

Most likely, you want to put the `composer.phar` into a directory on your PATH, so you can simply call `composer` from any directory (*Global install*), using for example:

2) 

```
sudo mv composer.phar /usr/local/bin/composer
```

For details, [see the instructions on how to install Composer globally](#).



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Composer

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2) 

```
sudo mv composer.phar /usr/local/bin/composer
```

For details, [see the instructions on how to install Composer globally](#).



```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ sudo apt install composer
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ php -r "if (hash_file('sha384', 'composer-setup.php') === 'dac665fdc30fdd8ec78b38b980
0061b4150413ff2e3b6f88543c636f7cd84f6db9189d43a81e5503cda447da73c7e5b6') { echo 'Installer verified'.PHP_EOL; } else { echo 'Insta
ller corrupt'.PHP_EOL; unlink('composer-setup.php'); exit(1); }"
php composer-setup.php
Installer verified
All settings correct for using Composer
Downloading...

Composer (version 2.8.6) successfully installed to: /var/www/html/aula7/composer.phar
Use it: php composer.phar

ubuntu@ip-172-31-81-203:/var/www/html/aula7$ sudo mv composer.phar /usr/local/bin/composer
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ ls
composer-setup.php  composer.json  composer.lock  praticando-composer.php
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ php -r "unlink('composer-setup.php');"
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ compose
compose  composer
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ composer --version
Composer version 2.8.6 2025-02-25 13:03:50
PHP version 8.1.2-1ubuntu2.20 (/usr/bin/php8.1)
Run the "diagnose" command to get more detailed diagnostics output.
ubuntu@ip-172-31-81-203:/var/www/html/aula7$
```



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# Praticando

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Pronto, agora com o composer instalado vamos executar o  
install:

*composer install*



```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ composer install
Installing dependencies from lock file (including require-dev)
Verifying lock file contents can be installed on current platform.
Package operations: 9 installs, 0 updates, 0 removals
```

As there is no 'unzip' nor '7z' command installed zip files are being unpacked using the PHP zip extension. This may cause invalid reports of corrupted archives. Besides, any UNIX permissions (e.g. executable) defined in the archives will be lost.

Installing 'unzip' or '7z' (21.01+) may remediate them.

- Downloading symfony/deprecation-contracts (v3.5.1)
- Downloading psr/http-message (2.0)
- Downloading psr/http-client (1.0.3)
- Downloading ralouphie/getallheaders (3.0.3)
- Downloading psr/http-factory (1.1.0)
- Downloading guzzlehttp/psr7 (2.7.0)
- Downloading guzzlehttp/promises (2.0.4)
- Downloading guzzlehttp/guzzle (7.9.2)
- Downloading claudsonm/cep-promise-php (v1.2.0)
- Installing symfony/deprecation-contracts (v3.5.1): Extracting archive
- Installing psr/http-message (2.0): Extracting archive
- Installing psr/http-client (1.0.3): Extracting archive
- Installing ralouphie/getallheaders (3.0.3): Extracting archive
- Installing psr/http-factory (1.1.0): Extracting archive
- Installing guzzlehttp/psr7 (2.7.0): Extracting archive
- Installing guzzlehttp/promises (2.0.4): Extracting archive
- Installing guzzlehttp/guzzle (7.9.2): Extracting archive
- Installing claudsonm/cep-promise-php (v1.2.0): Extracting archive

Generating autoload files

4 packages you are using are looking for funding.

Use the `composer fund` command to find out more!


```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$
```



# Praticando

Olha ai a pasta vendor:

```
- Installing guzzlehttp/promises (2.0.4): Extracting archive
- Installing guzzlehttp/guzzle (7.9.2): Extracting archive
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ubuntu@ip-172-31-81-203:/var/www/html/aula7$ ls
composer.json  composer.lock  praticando-composer.php  vendor
ubuntu@ip-172-31-81-203:/var/www/html/aula7$
```



```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ composer install
```

Installing dependencies from lock file (including require-dev)

Verifying lock file contents can be installed on current platform.

Package operations: 9 installs, 0 updates, 0 removals

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Generating autoload files


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```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$ ls
```

```
composer.json  composer.lock  praticando-composer.php  vendor
```

```
ubuntu@ip-172-31-81-203:/var/www/html/aula7$
```

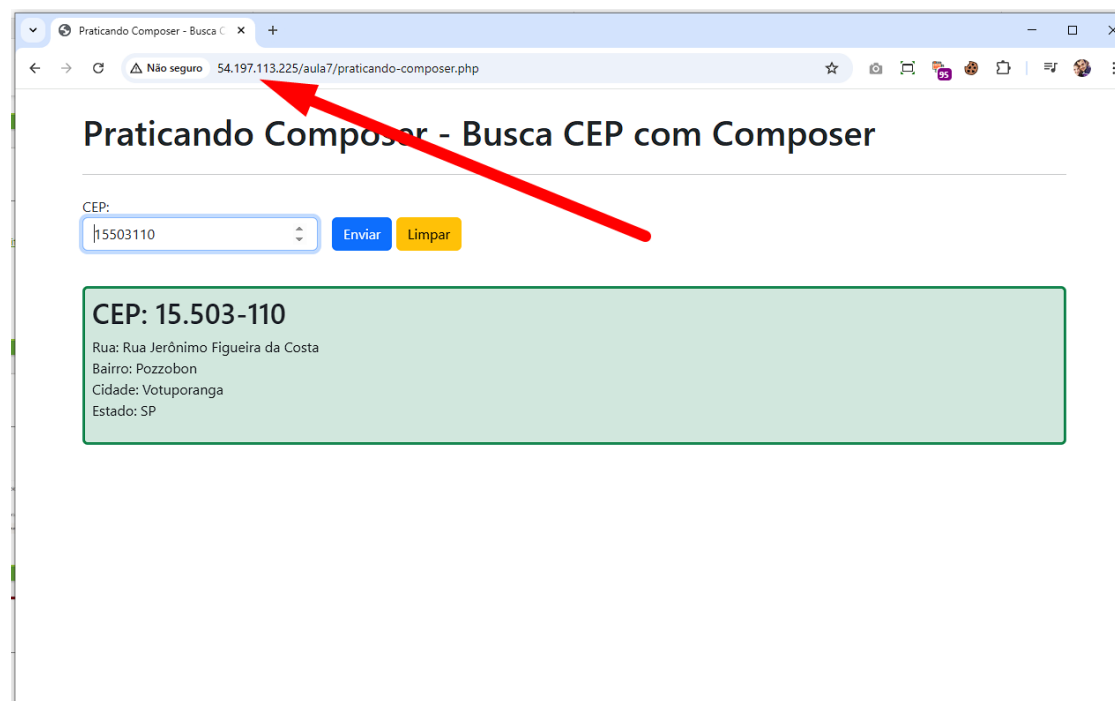


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# Praticando

E agora, tudo funcionando!



# Praticando Composer - Busca CEP com Composer

CEP:

Enviar

Limpar

**CEP: 15.503-110**

Rua: Rua Jerônimo Figueira da Costa  
Bairro: Pozzobon  
Cidade: Votuporanga  
Estado: SP

Dúvidas?

Perguntas?

Sugestões?