PRÁCTICAS DE LABORATORIO

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Undécimo laboratorio (243):

Administración de Software

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Administración de Software:

1-En esta tarea se nos pedía buscar actualizaciones de paquetes de software de seguridad y paquetes de HTTPD mediante el comando yum e instalarlas.

```
[ec2-user@ip-10-0-10-5 ~]$ pwd
/home/ec2-user
[ec2-user@ip-10-0-10-5 ~]$
[ec2-user@ip-10-0-10-5 ~]$ pwd
/home/ec2-user
[ec2-user@ip-10-0-10-5 ~]$ cd companyA
[ec2-user@ip-10-0-10-5 companyA]$ sudo yum -y check-update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                              | 3.6 kB     00:00
[ec2-user@ip-10-0-10-5 companyA]$ sudo yum --security
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
You need to give some command
Usage: yum [options] COMMAND

List of Commands:

check          Check for problems in the rpmdb
check-update   Check for available package updates
clean          Remove cached data
deplist        List a package's dependencies
distribution-synchronization Synchronize installed packages to the latest availa
ble versions
downgrade      downgrade a package
erase          Remove a package or packages from your system
fs             Acts on the filesystem data of the host, mainly for removing docs
```

Administración de Software:

1-Aquí se ve una foto de uno de los proceso de la instalación.

```
----------------------------------------------------------------------
Total                                    9.2 MB/s | 1.9 MB  00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : apr-1.7.2-1.amzn2.x86_64                          1/9
  Installing : apr-util-1.6.3-1.amzn2.0.1.x86_64                 2/9
  Installing : apr-util-bdb-1.6.3-1.amzn2.0.1.x86_64             3/9
  Installing : httpd-tools-2.4.57-1.amzn2.x86_64                 4/9
  Installing : httpd-filesystem-2.4.57-1.amzn2.noarch            5/9
  Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch         6/9
  Installing : mailcap-2.1.41-2.amzn2.noarch                     7/9
  Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64              8/9
  Installing : httpd-2.4.57-1.amzn2.x86_64                       9/9
  Verifying  : apr-util-bdb-1.6.3-1.amzn2.0.1.x86_64             1/9
  Verifying  : apr-1.7.2-1.amzn2.x86_64                          2/9
  Verifying  : httpd-tools-2.4.57-1.amzn2.x86_64                 3/9
  Verifying  : apr-util-1.6.3-1.amzn2.0.1.x86_64                 4/9
  Verifying  : mailcap-2.1.41-2.amzn2.noarch                     5/9
  Verifying  : generic-logos-httpd-18.0.0-4.amzn2.noarch         6/9
  Verifying  : mod_http2-1.15.19-1.amzn2.0.1.x86_64              7/9
  Verifying  : httpd-2.4.57-1.amzn2.x86_64                       8/9
  Verifying  : httpd-filesystem-2.4.57-1.amzn2.noarch            9/9

Installed:
  httpd.x86_64 0:2.4.57-1.amzn2

Dependency Installed:
  apr.x86_64 0:1.7.2-1.amzn2
  apr-util.x86_64 0:1.6.3-1.amzn2.0.1
  apr-util-bdb.x86_64 0:1.6.3-1.amzn2.0.1
  generic-logos-httpd.noarch 0:18.0.0-4.amzn2
  httpd-filesystem.noarch 0:2.4.57-1.amzn2
  httpd-tools.x86_64 0:2.4.57-1.amzn2
  mailcap.noarch 0:2.1.41-2.amzn2
  mod_http2.x86_64 0:1.15.19-1.amzn2.0.1

Complete!
[ec2-user@ip-10-0-10-5 companyA]$ Guillermina Antonaccio
```

Administración de Software:

2-En esta tarea debíamos degradar un paquete que ya habíamos instalado a través del comando yum. Buscamos en el historial de yum para ver qué se había instalado (HTTPD). Copiamos el número de ID (1) para indicar luego que queríamos desinstalar lo que habíamos instalado que tenía ID 1.

```
Complete!
[ec2-user@ip-10-0-10-5 companyA]$ pwd
/home/ec2-user/companyA
[ec2-user@ip-10-0-10-5 companyA]$ sudo yum history list
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
ID     | Command line             | Date and time    | Action(s)        | Altered
-------------------------------------------------------------------------------
     1 | install httpd -y         | 2023-10-27 15:04 | Install          |      9
history list
[ec2-user@ip-10-0-10-5 companyA]$ sudo yum history info 1
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Transaction ID : 1
Begin time     : Fri Oct 27 15:04:44 2023
Begin rpmdb    : 452:7bbe4145a6becfadbbf48ed10a9af99de5556680
End time       :              15:04:45 2023 (1 seconds)
End rpmdb      : 461:049ad6941704f62d2001438a5e7b605f50744737
User           : EC2 Default User <ec2-user>
Return-Code    : Success
Command Line   : install httpd -y
```

Administración de Software:

2-Aquí se ve el proceso de desinstalación.

```
Transaction Summary
================================================================================
Remove  9 Packages

Installed size: 5.2 M
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Erasing    : httpd-2.4.57-1.amzn2.x86_64                              1/9
  Erasing    : mod_http2-1.15.19-1.amzn2.0.1.x86_64                     2/9
  Erasing    : mailcap-2.1.41-2.amzn2.noarch                           3/9
  Erasing    : httpd-filesystem-2.4.57-1.amzn2.noarch                  4/9
  Erasing    : generic-logos-httpd-18.0.0-4.amzn2.noarch               5/9
  Erasing    : httpd-tools-2.4.57-1.amzn2.x86_64                       6/9
  Erasing    : apr-util-1.6.3-1.amzn2.0.1.x86_64                       7/9
  Erasing    : apr-util-bdb-1.6.3-1.amzn2.0.1.x86_64                   8/9
  Erasing    : apr-1.7.2-1.amzn2.x86_64                                9/9
  Verifying  : apr-util-bdb-1.6.3-1.amzn2.0.1.x86_64                   1/9
  Verifying  : apr-1.7.2-1.amzn2.x86_64                                2/9
  Verifying  : httpd-tools-2.4.57-1.amzn2.x86_64                       3/9
  Verifying  : apr-util-1.6.3-1.amzn2.0.1.x86_64                       4/9
  Verifying  : mailcap-2.1.41-2.amzn2.noarch                           5/9
  Verifying  : generic-logos-httpd-18.0.0-4.amzn2.noarch               6/9
  Verifying  : mod_http2-1.15.19-1.amzn2.0.1.x86_64                     7/9
  Verifying  : httpd-2.4.57-1.amzn2.x86_64                             8/9
  Verifying  : httpd-filesystem-2.4.57-1.amzn2.noarch                  9/9

Removed:
  apr.x86_64 0:1.7.2-1.amzn2
  apr-util.x86_64 0:1.6.3-1.amzn2.0.1
  apr-util-bdb.x86_64 0:1.6.3-1.amzn2.0.1
  generic-logos-httpd.noarch 0:18.0.0-4.amzn2
  httpd.x86_64 0:2.4.57-1.amzn2
  httpd-filesystem.noarch 0:2.4.57-1.amzn2
  httpd-tools.x86_64 0:2.4.57-1.amzn2
  mailcap.noarch 0:2.1.41-2.amzn2
  mod_http2.x86_64 0:1.15.19-1.amzn2.0.1

Complete!
[ec2-user@ip-10-0-10-5 companyA]$ Guillermina Antonaccio
```

Administración de Software:

3-En la siguiente tarea debíamos instalar el AWS CLI en linux y verificar que tuviéramos instalado Python y Pip. Ya que los necesitamos para poder instalar correctamente AWS CLI.

```
[ec2-user@ip-10-0-10-5 companyA]$ sudo ./aws/install
You can now run: /usr/local/bin/aws --version
[ec2-user@ip-10-0-10-5 companyA]$ aws help
[ec2-user@ip-10-0-10-5 companyA]$ Guillermina Antonaccio
```

Administración de Software:

4-Por último teníamos que configurar AWS CLI para conectarnos a nuestra cuenta de AWS.

```
[ec2-user@ip-10-0-10-5 companyA]$ aws configure
AWS Access Key ID [None]:
AWS Secret Access Key [None]:
Default region name [None]: us-west-2
Default output format [None]: json
[ec2-user@ip-10-0-10-5 companyA]$ sudo nano ~/.aws/credentials
[ec2-user@ip-10-0-10-5 companyA]$ aws ec2 describe-instance-attribute --instance
-id i-0b2cc75255dd4a381 --attribute instanceType
{
    "InstanceId": "i-0b2cc75255dd4a381",
    "InstanceType": {
        "Value": "t3.micro"
    }
}
[ec2-user@ip-10-0-10-5 companyA]$ Guillermina Antonaccio
```

Aquí termina el laboratorio, muchas gracias