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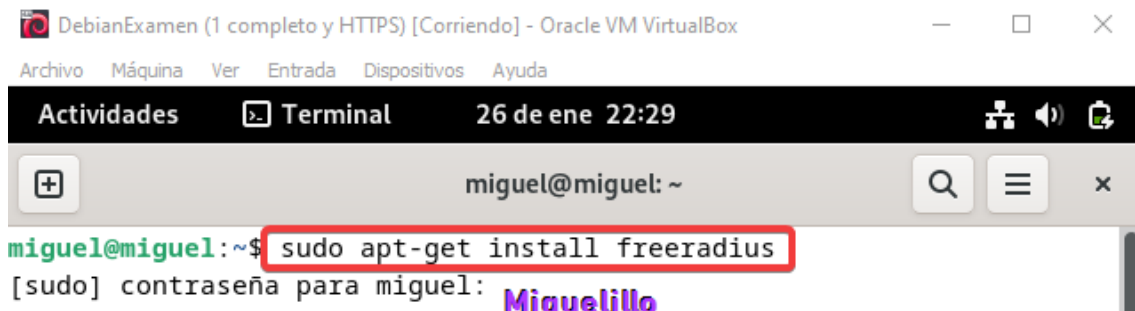
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Ejercicio 1

a) Instalación de un servidor RADIUS en GNU/LINUX (freeradius)

Solución:

Instalamos freeradius



A terminal window titled 'DebianExamen (1 completo y HTTPS) [Corriendo] - Oracle VM VirtualBox'. The terminal shows the command `sudo apt-get install freeradius` being executed. The prompt is `miguel@miguel:~$`. The output shows the password prompt `[sudo] contraseña para miguel:` followed by the password `Miguelillo`.

Iniciamos sesión con Root y vamos a `/etc/freeradius/3.0/clients.conf` y ponemos la siguiente configuración la clave precompartida y la IP del cliente



A terminal window titled 'DebianExamen (1 completo y HTTPS) [Corriendo] - Oracle VM VirtualBox'. The terminal shows the `clients.conf` file being edited with nano. The configuration for the 'router' client is shown: `client router { ipaddr = 192.168.1.1 secret = inves }`. The prompt is `miguel@miguel:~`.

Vamos al archivo en `/etc/freeradius/3.0/users` y configuramos el usuario miguel con la contraseña inves



A terminal window titled 'DebianExamen (1 completo y HTTPS) [Corriendo] - Oracle VM VirtualBox'. The terminal shows the `users` file being edited with nano. The configuration for the 'miguel' user is shown: `miguel Cleartext-Password := "inves"`. The prompt is `miguel@miguel:~`.

Ahora vamos al Router → **Wireless** → **Wireless Security** y lo configuramos seleccionando **WPA2 Enterprise**, **Algoritmo de autenticación AES** introduciendo la **IP** del servidor, el **puerto** para el Radius y la **clave precompartida**.

The screenshot shows the Linksys WRT54GL web interface. The 'Wireless' menu is expanded, and the 'Wireless Security' sub-menu is selected. The configuration page displays the following settings:

- Security Mode: WPA2 Enterprise
- WPA Algorithms: AES
- RADIUS Server Address: 192.168.1.50
- RADIUS Port: 1812
- Shared Key: inves
- Key Renewal Timeout: 3600 seconds

At the bottom right, there is a 'Save Settings' button. A note on the right side of the page states: 'Security Mode : You may choose from Disable, WEP, WPA, Pre-Shared Key, WPA RADIUS, or RADIUS. All devices on your network must use the same security mode in order to communicate. More...'

Miguelillo

Probamos a conectarnos desde el movil

