Linksys SPS224G4 - обновление програмного обеспечения (software)

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Взялся за обновление ПО на коммутаторе **Linksys SPS224G4**, ну и задокументировать процесс...

Подключаемся через последовательный интерфейс (**RS232**) к консоли управления коммутатора и запускаем утилиту **minicom** [1]. Параметры подключения: **38400 8N1**.

В процессе обновления нам понадобится настроенный **TFTP-сервер**. Здесь нам может пригодиться статься по настройке **TFTP-сервера** [2]. В дальнейшей работе отталкиваемся от того, что **IP-адрес TFTP-сервера** - **192.168.192.55**.

TFTP-сервер скоммутирован в порт **e1** коммутатора. Настроим доступ к **TFTP-серверу**:

```
SPS224G4# configure terminalSPS224G4(config)# interface ethernet e1
SPS224G4(config-if)# switchport mode accessSPS224G4(config-if)#
switchport access vlan 1SPS224G4(config-if)# no shutdownSPS224G4(config-if)#
interface vlan 1SPS224G4(config-if)# ip address 192.168.192.222 255.255.255.0
```

Перед обновлением прошивки, сохраним старую версию на сервере. Проверяем текущую версию ПО:

```
SPS224G4# show versionSW version    1.0.2
 ( date  18-Nov-2008 time  12:38:16 )Boot version    1.0.2 ( date  13-Nov-2007 time  14:11:51 )HW v
ersion    00.03.00
```

Выполним копирование текущей версии **software**:

```
SPS224G4# copy image tftp://192.168.192.55/SPS224G4_1.0.2.ros
18-Nov-2008 17:51:11 %COPY-I-FILECPY: Files Copy - source URL flash://image destination URL tftp:/
/192.168.192.55/SPS224G4_1.0.2.ros!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!18-Nov-2008 17:51:39 %COPY-N-TRAP: The copy ope
ration was completed successfully!Copy: 3935398 bytes copied in 00:00:28 [hh:mm:ss]
```

Теперь обратная процедура - загрузка новой версии прошивки из файла **ls_sps2xx_bx-10600.ros** [3] (можно скачать по этой ссылке) на коммутатор:

```
SPS224G4# copy tftp://192.168.192.55/ls_sps2xx_bx-10600.ros image
18-Nov-2008 17:59:04 %COPY-I-FILECPY: Files Copy - source URL tftp://192.168.192.55/ls_sps2xx_bx
-10600.ros destination URL flash://image!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!18-Nov-2008 18:00:17 %COPY-N-TRAP: The copy
operation was completed successfully!Copy: 3936707 bytes copied in 00:01:13 [hh:mm:ss]
```

Перезагружаем коммутатор и проверяем версию прошивки:

```
SPS224G4# show versionSW version    1.0.6
 ( date  29-Aug-2011 time  20:05:47 )Boot version    1.0.2 ( date  13-Nov-2007 time  14:11:51 )HW v
ersion    00.03.00
```

На этом процедуру обновления ПО на коммутаторе **Linksys SPS224G4** считаем выполненой. Версию **firmware** обновили с версии 1.0.2 до версии 1.0.6.

Источник (получено *2026-04-19 17:16*):
http://muff.kiev.ua/content/linksys-sps224g4-obnovlenie-programnogo-obespecheniya-software

Ссылки:
[1] http://muff.kiev.ua/content/minicom-rabotaem-s-oborudovaniem-cherez-rs232
[2] http://muff.kiev.ua/content/tftp-hpa-nastroika-tftp-servera-tftp-hpa
[3] http://muff.kiev.ua/files/ls_sps2xx_bx-10600.ros