# Настройка управляемого коммутатора D-Link DIR-100

Доступ к управлению устройством осуществляется по адресу 192.168.0.1 через его Web-интерфейс. Для доступа необходимо чтобы IP адрес сетевого адаптера компьютера имел IP адрес из той же подсети что и коммутатор, например, 192.168.0.2 (отличается последней цифрой, которая может быть от 2 до 254). Для входа на коммутатор используем «Пользователь» - admin (регистр важен), «Пароль» - оставляем пустым.
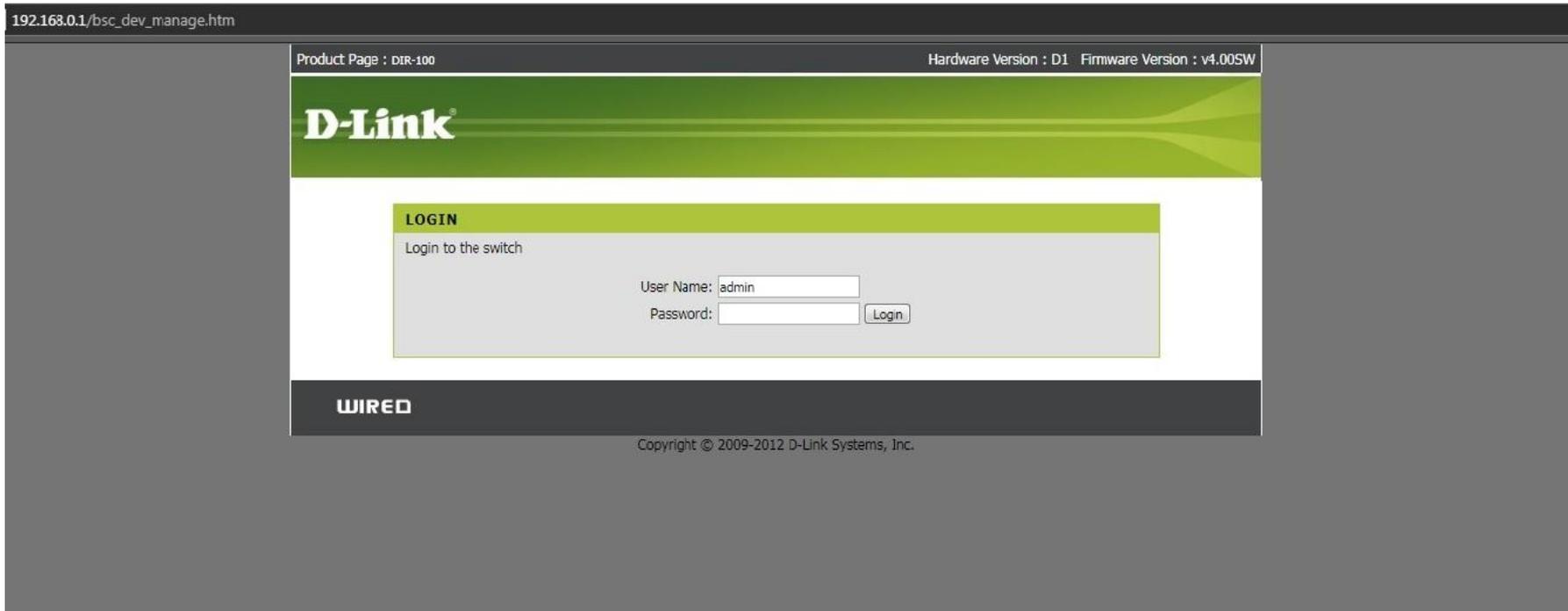
Переходим в закладку «ADVANCED»-> «VLAN GROUP SETTINGS»

В секции «VLAN LIST» мы видим, что в данный момент наш свитч работает как обычный неуправляемый. Все порты равнозначны, не выставлены приоритеты и нет тэгов на портах.

Удаляем текущую конфигурацию

Product Page : DIR-100   Hardware Version : D1   Firmware Version : v4.00SW

D-Link

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VLAN GROUP SETTINGS
BANDWIDTH SETTINGS
MULTICAST GROUP SETTINGS
ADVANCED NETWORK

VLAN GROUP SETTINGS

A VLAN is a switched network that is logically segmented by function, project team, or application, without regarding the physical locations of the users.

You can configure which hardware ports will be assigned to a VLAN, and all packets from a network device in VLAN will only be forwarded to other devices in the same VLAN.

[Save Settings] [Don't Save Settings]

VLAN SETTINGS

Enable : ☑
Name :
VID :
802.1p : 0 ▼
Interface : ETH PORT   Tag / Untag   [<<]   Port 1 ▲   untag ▼
     Port 2
     Port 3
     Port 4
     Port 5 ▼

[Clear]

[Reset] [Add]

VLAN LIST

Enable	Role	Name	VID	Interface	802.1p	Edit	Delete
☑	BRIDGE	default	1	Port1 U Port2 U Port3 U Port4 U Port5 U	N/A	📝	🗑

[Save Settings] [Don't Save Settings]

Helpful Hints.

• Up to eight VLAN groups may be created and enabled.
To enable a VLAN group, click to check the box under Enable for the indexed VLAN group.
Up to eight VLAN groups can be created and enabled.
Assign a unique VLAN identifier or VID for each VLAN created and configured tagging for each of the 5 ports.
Select the tagged option to enable tagging for the port. Ports with tagging enabled will put the VID number, priority and other VLAN information into the header of all packets that flow into and out of it; other 802.1P compliant devices on the network make packet-forwarding decisions can then use the VLAN information in the tag.
If a packet has previously been tagged, the port will not alert the packet, thus keeping the VLAN information intact.
Select untag to include the port in the VLAN group without enabling tagging.

Устанавливаем управляющий VLAN на Порт 5 в «Untag», Порт 4 в «Untag», нажимаем «Add» и «Save Settings». После данной операции [DIR-100](#) будет доступен с 4-го порта либо с 5-го

Добавляем VLAN для интернет, с номером 80.

Порт 5 в «Tag», Порт 1 в «Untag», нажимаем «Add»

Добавляем VLAN для тв, с номером 110.

Порт 5 в «Tag», Порт 2 в «Untag», нажимаем «Add»

Добавляем VLAN для ip-телефонии, с номером 312.

Порт 5 в «Tag», Порт 3 в «Untag», нажимаем «Add»

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[Save Settings] [Don't Save Settings]

VLAN SETTINGS

Enable : ☑
Name : voip
VID : 312
802.1p : 0 ▾
Interface :

ETH PORT	Tag / Untag	<<	Port 1	tag ▾
Port 3	U		Port 2	
Port 5	T		Port 3	
			Port 4	
			Port 5	

[Clear]

[Reset] [Add]

VLAN LIST

Enable	Role	Name	VID	Interface	802.1p	Edit	Delete
☑	BRIDGE	default	1	Port4 U / Port5 U	0	📝	🗑
☑	BRIDGE	internet	80	Port1 U / Port5 T	0	📝	🗑
☑	BRIDGE	TV	110	Port2 U / Port5 T	0	📝	🗑

[Save Settings] [Don't Save Settings]

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нажимаем «Save Settings»