HowTo: Wake on LAN (WoL) mittels DES-7200 Series

[Voraussetzungen]

1. DES-7200 Switch Series mit aktuellster Firmware 10_4(3T70)_R149898
(ftp://ftp.dlink.de/des/des-7200/driver_software/)

[Szenario]

WoL soll über den DES-7200 zwischen 2 VLANs weitergeleitet werden

[Vorgehensweise]

L3(config-vlan)#**vlan 3** L3(config-vlan)#**vlan 4**
L3(config)#**interface gigabitEthernet 2/0/1**
L3(config-if)#**switchport mode trunk**
L3(config-if)#**interface gigabitEthernet 2/0/2**
L3(config-if)#**switchport mode trunk**
L3(config-if)#**exit**
L3(config)#**access-list 101 permit udp host 172.16.3.2 any eq 7**

!--- This accepts directed broadcasts only from PC 4.

L3(config)#**ip forward-protocol udp 7**

!--- Specifies the protocol and port to be forwarded.
!--- Capture the WOL packet with any network sniffer to determine the UDP port
!--- to use in this command. The port number varies with the WOL utility used.

L3(config-if)#**interface vlan 2**
L3(config-if)#**ip address 172.16.2.1 255.255.255.0**
L3(config-if)#**ip helper-address 172.16.3.2**

!--- Enables BOOTP broadcast forwarding to the DHCP server.

L3(config-if)#**ip directed-broadcast 101**

!--- Enables the translation of a directed broadcast to physical broadcasts.

L3(config-if)#**interface vlan 3**
L3(config-if)#**ip address 172.16.3.1 255.255.255.0**
L3(config-if)#**ip helper-address 172.16.2.255**
L3(config-if)#**ip helper-address 172.16.4.255**

!-- Enables forwarding of WoL packets to clients.
*!-- Works in conjunction with the **ip forward-protocol** command.*
L3(config-if)#**interface vlan 4**
L3(config-if)#**ip address 172.16.4.1 255.255.255.0**
L3(config-if)#**ip helper-address 172.16.3.2**

!--- Enables BOOTP broadcast forwarding to the DHCP server.

L3(config-if)#**ip directed-broadcast 101**

!--- Enables the translation of a directed broadcast to physical broadcasts.

L3(config)#**^Z**
L3#**wr**
Building configuration...
[OK]
L3#