



2007
Edge-Core
Partner
Summit

IP Source Guard Application

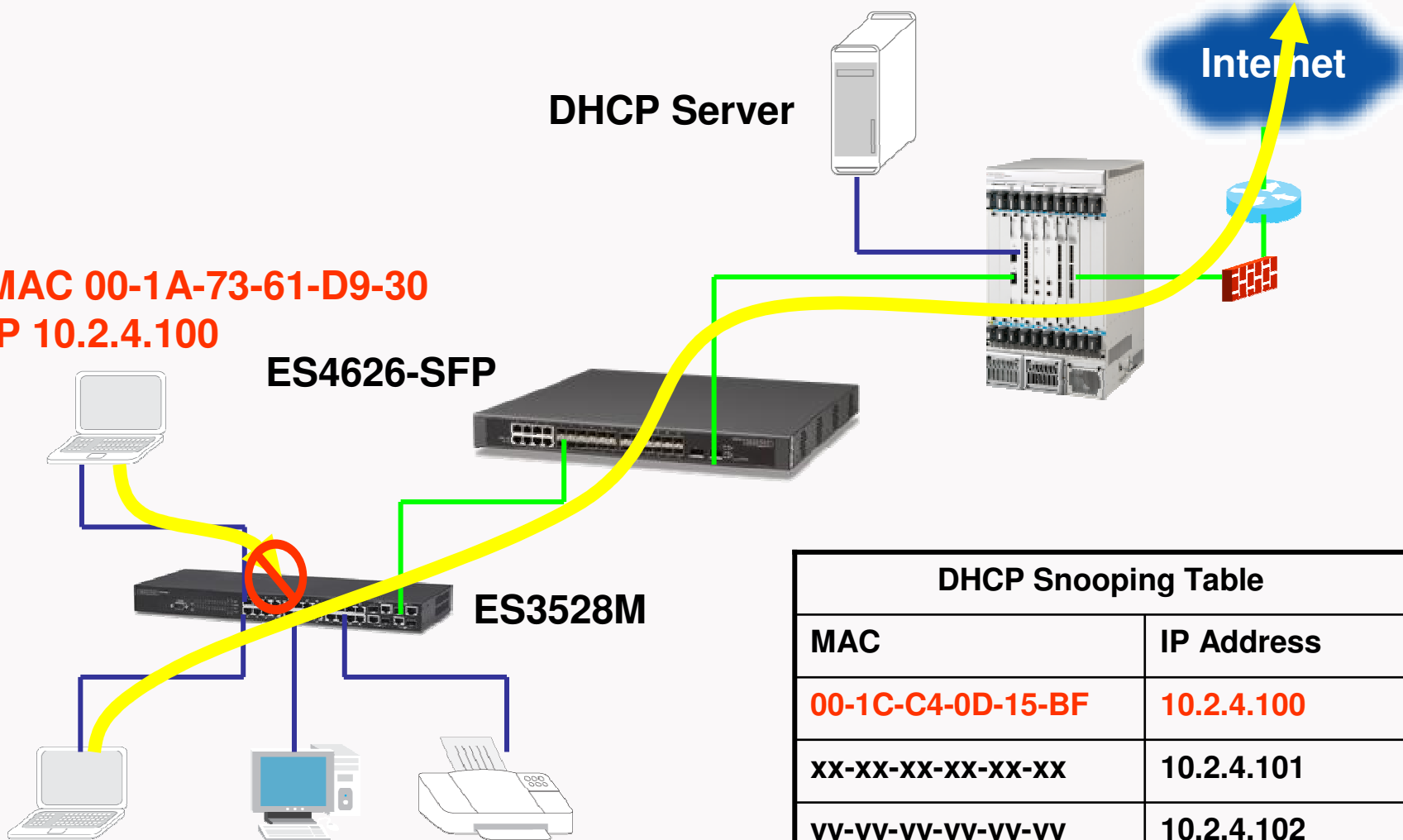
Access Distribution Core

MAC 00-1A-73-61-D9-30
IP 10.2.4.100

ES4626-SFP

DHCP Server

Internet



MAC 00-1C-C4-0D-15-BF
IP 10.2.4.100

ES3528M

DHCP Snooping Table	
MAC	IP Address
00-1C-C4-0D-15-BF	10.2.4.100
xx-xx-xx-xx-xx-xx	10.2.4.101
yy-yy-yy-yy-yy-yy	10.2.4.102
.....	

Edge-core

Powered by Accton

Configuration of IP Source Guard

```
Console#config
Console(config)#interface ethernet 1/4
Console(config-if)#ip source-guard sip-mac
Console(config-if)#ex
Console(config)#ip source-guard binding 00-1c-c4-0d-15-bf vlan 1?
<1-4094> The list of the value, by using hyphen and comma
Console(config)#$4-0d-15-bf vlan 1 192.168.1.190 interface ethernet 1/4
```

- IP Source Guard
 - Port Configuration
 - Static Configuration
 - Dynamic Information

IP Source Guard Port Configuration

Port	Filter Type	Trunk
1	None	
2	None	
3	None	
4	SIP-MAC	

Configuration of IP Source Guard

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Static IP Source Guard Binding Configuration

Static Binding Table Counts	<input type="text" value="1"/>
Current Static Binding Table	VLAN 1, 00-1c-c4-0d-15-bf, Unit 1, Port 4, 192.168.1.190, IPv4, Lease Time 0 Seconds
Port	1
VLAN ID	1
MAC Address (XX-XX-XX-XX-XX-XX)	00-1c-c4-0d-15-bf
IP Address	192.168.1.190