

计算机网络实验报告

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| **班级** | 软件73班 |
| **姓名** | 田丰瑞 |
| **学号** | 2172213528 |
| **邮箱** | [747458467@qq.com](mailto:747458467@qq.com) |
| **手机** | 18744296191 |
| **完成日期** | 2020-07-07 |

# 第一次实验

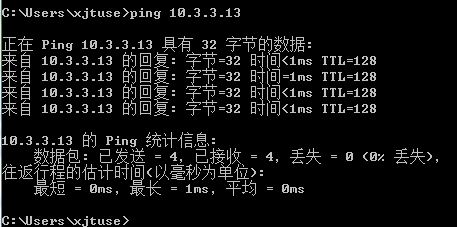
ping第一个电脑



Ping第二台电脑

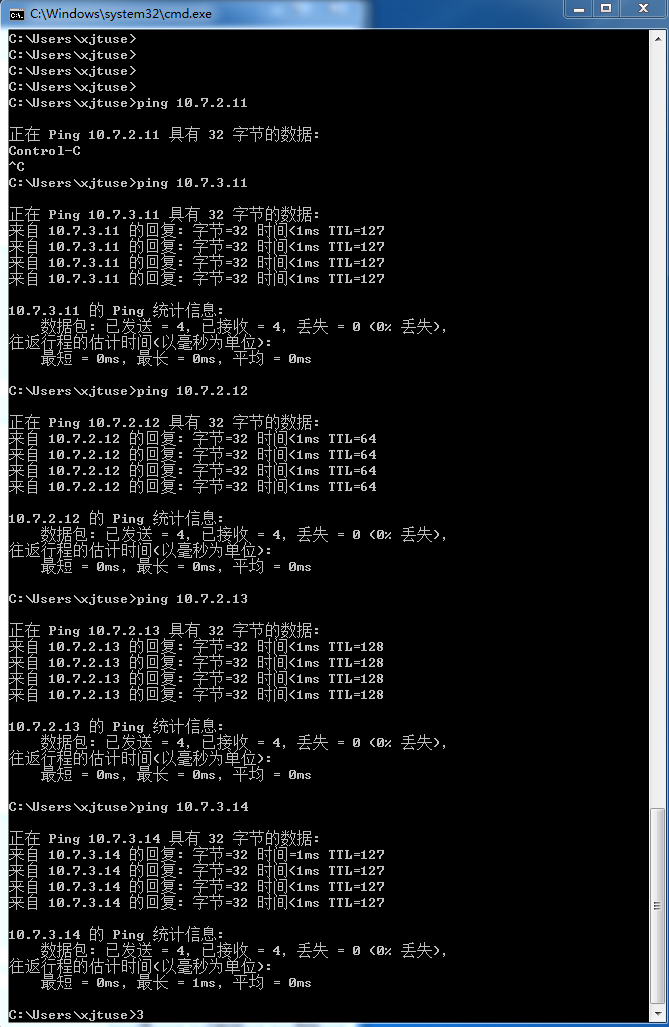


Ping第三台电脑

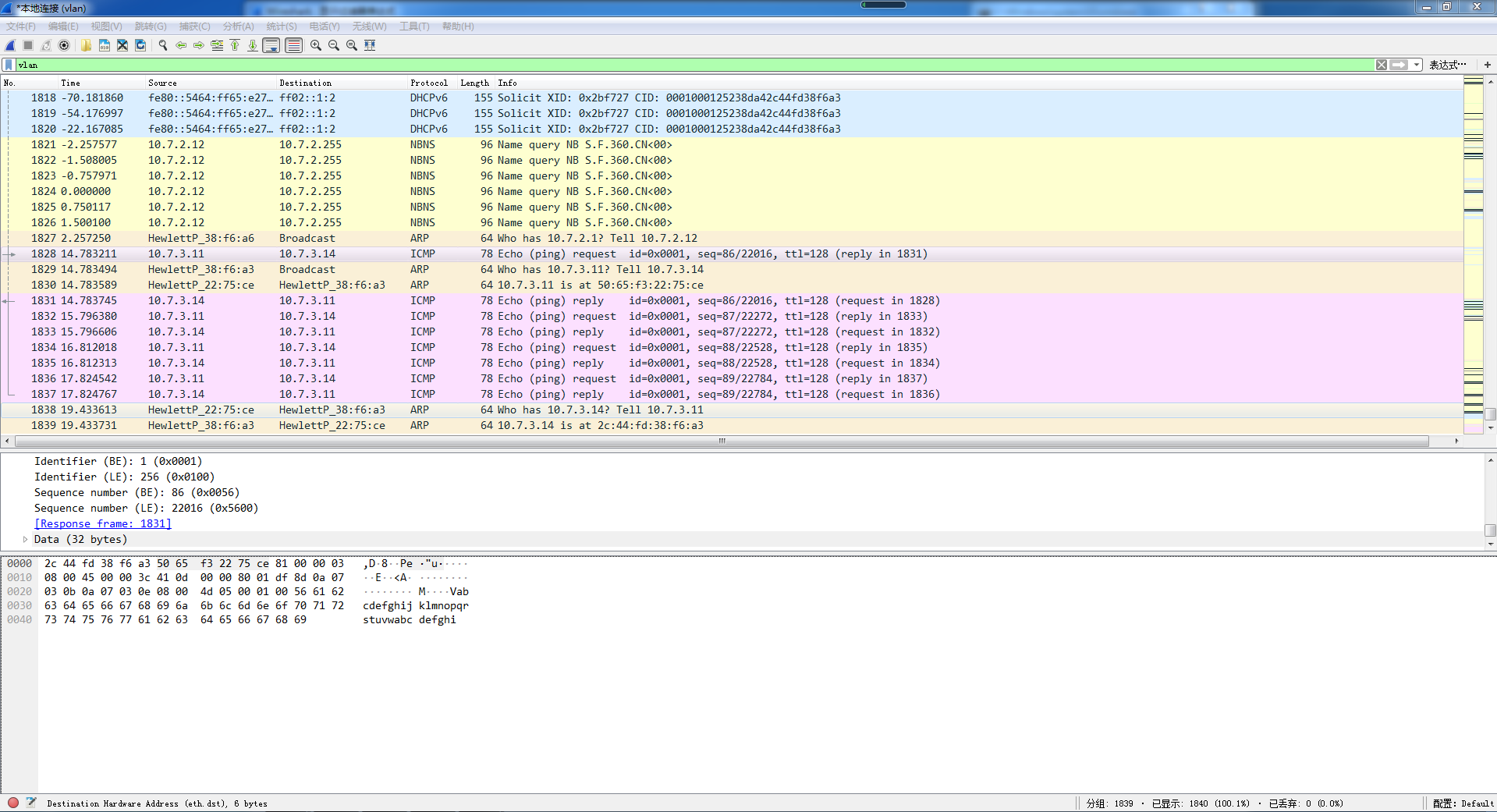
可看出主机相互之间已经ping通

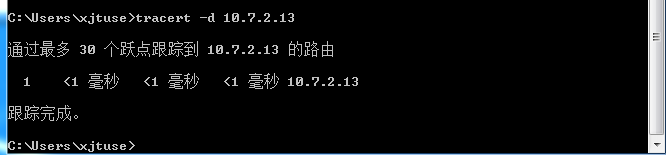
# 第二次实验

Ping三台电脑

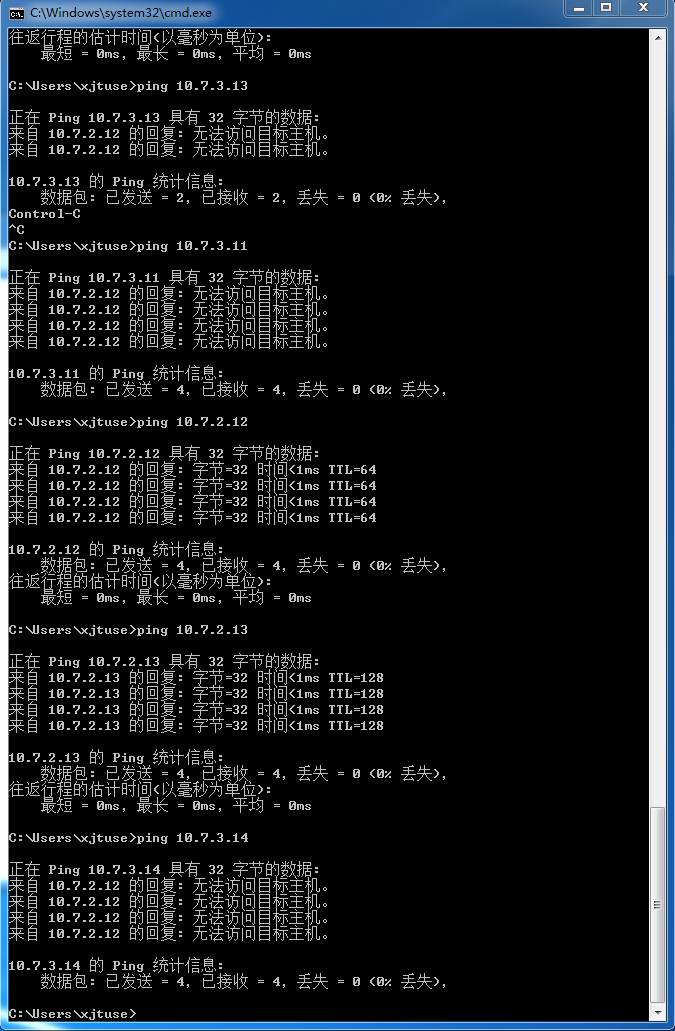


查看vlan

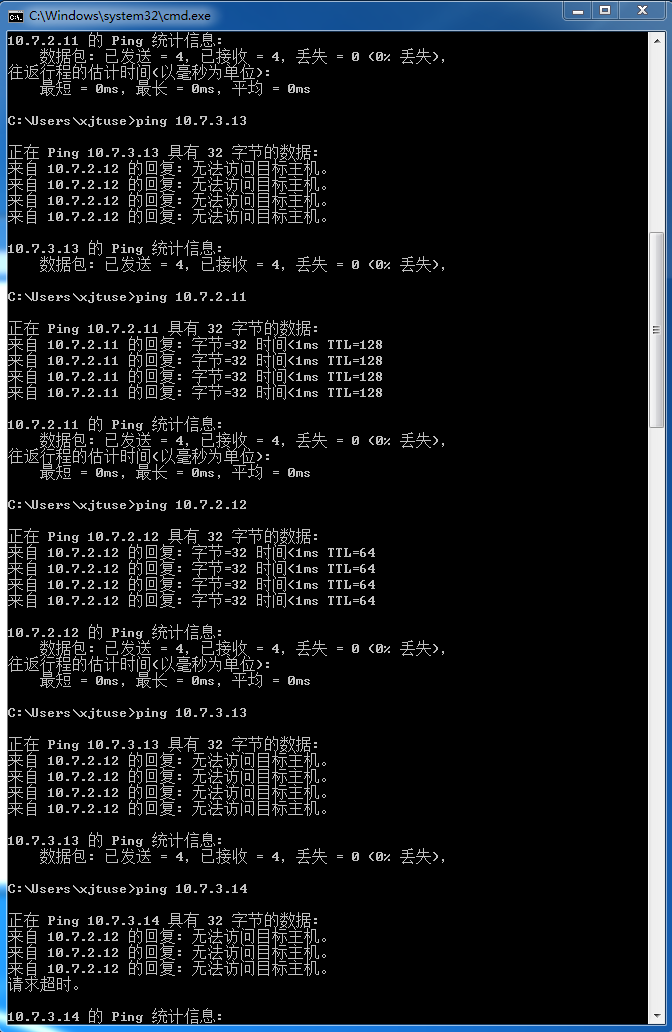




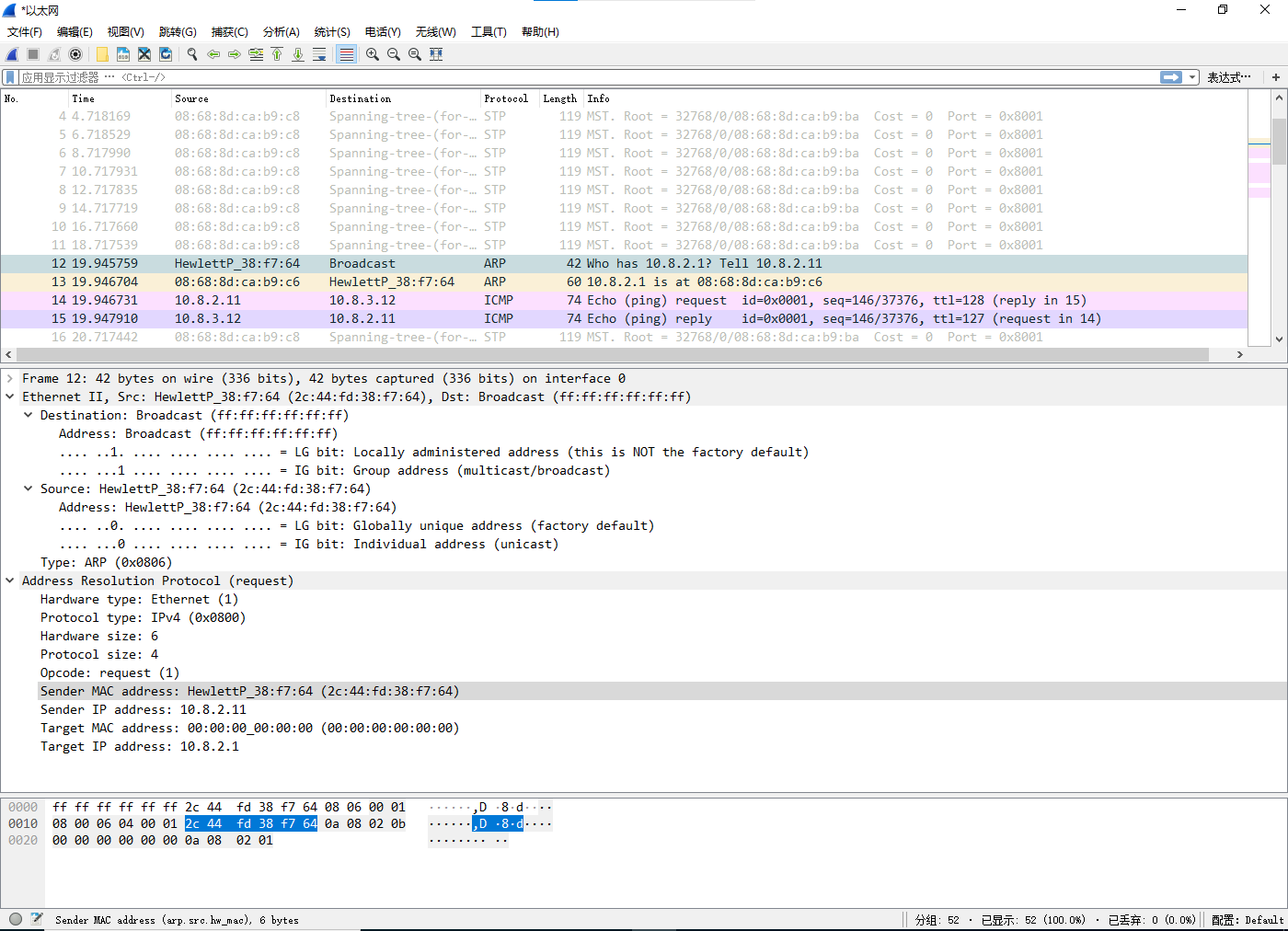
通过tracert命令观测有3跳



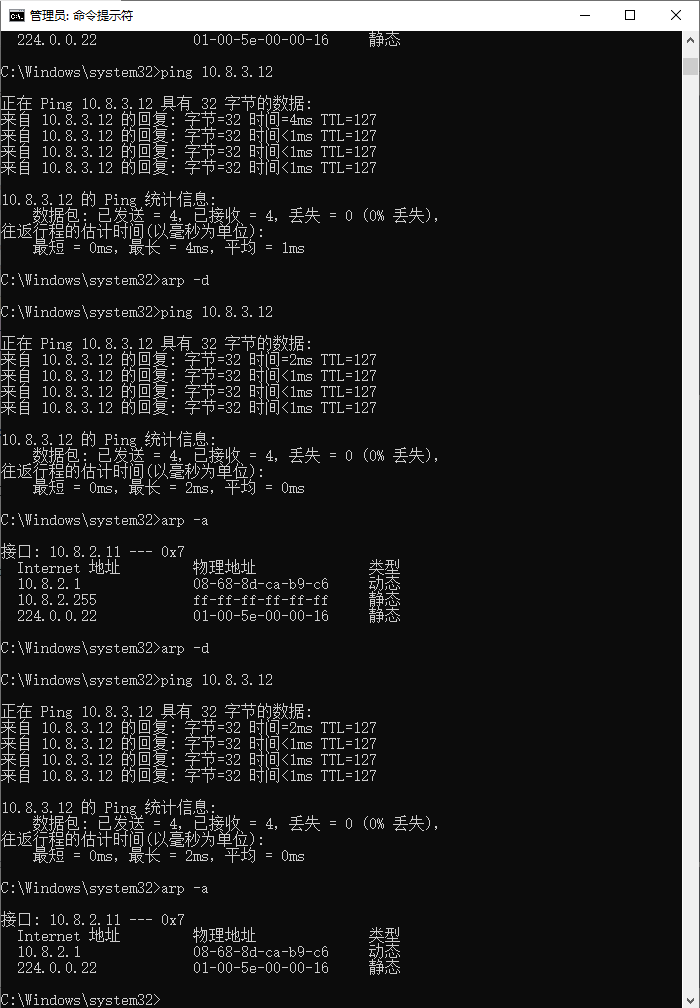
主机已都联通



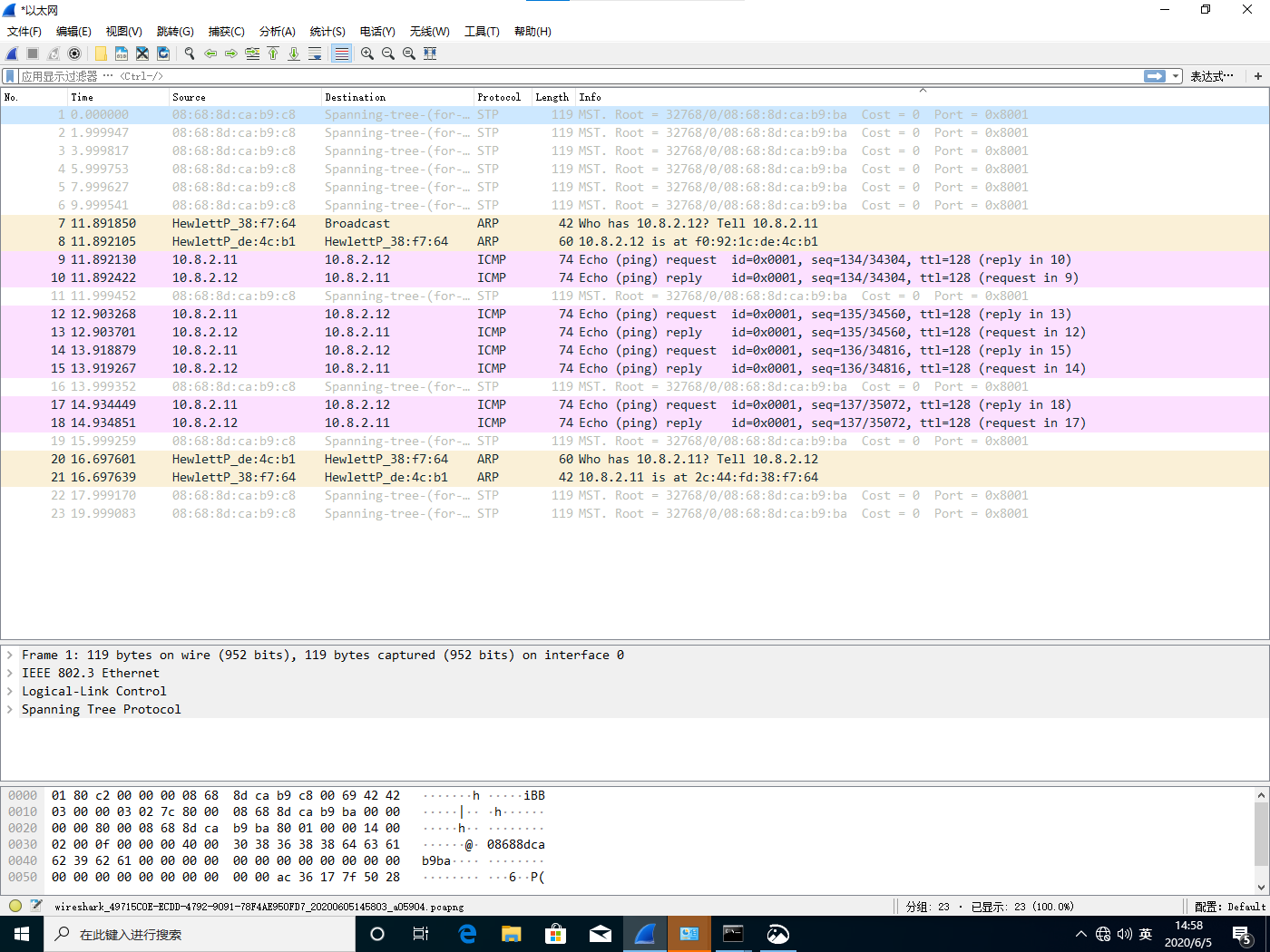
# 第三次实验



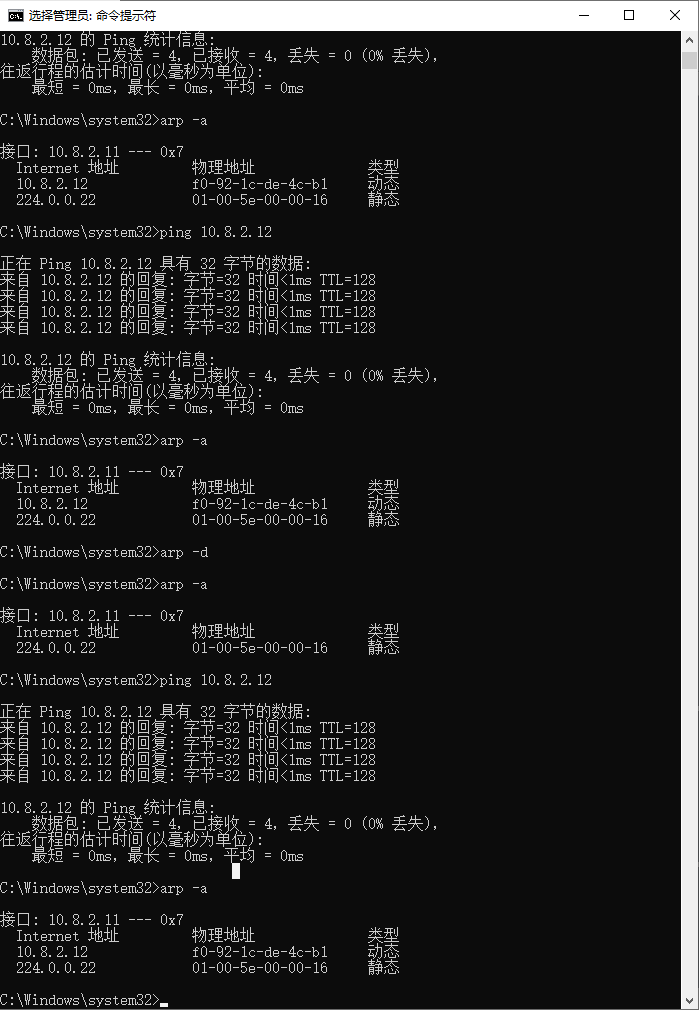
发现arp广播



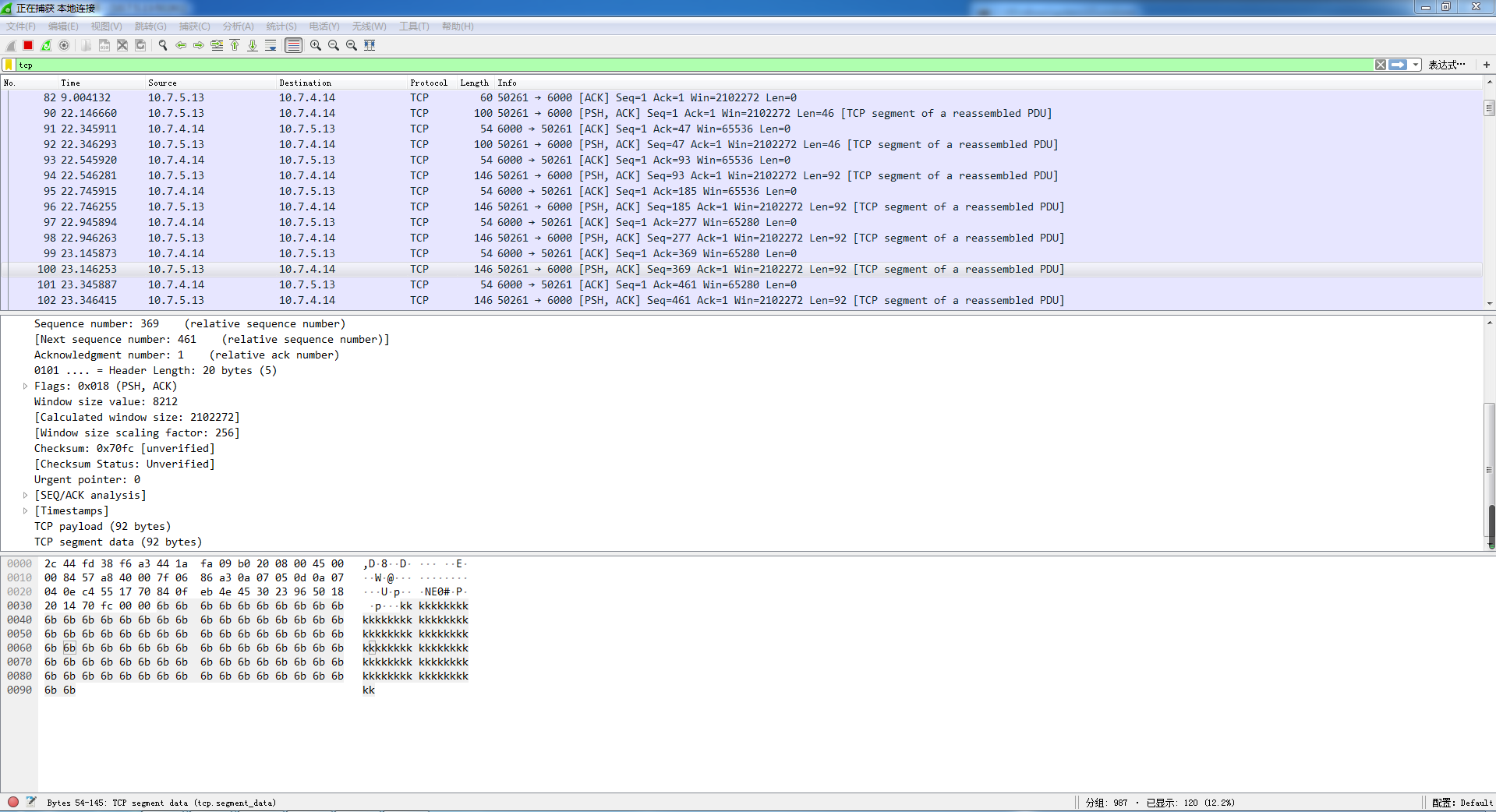
查看arp表



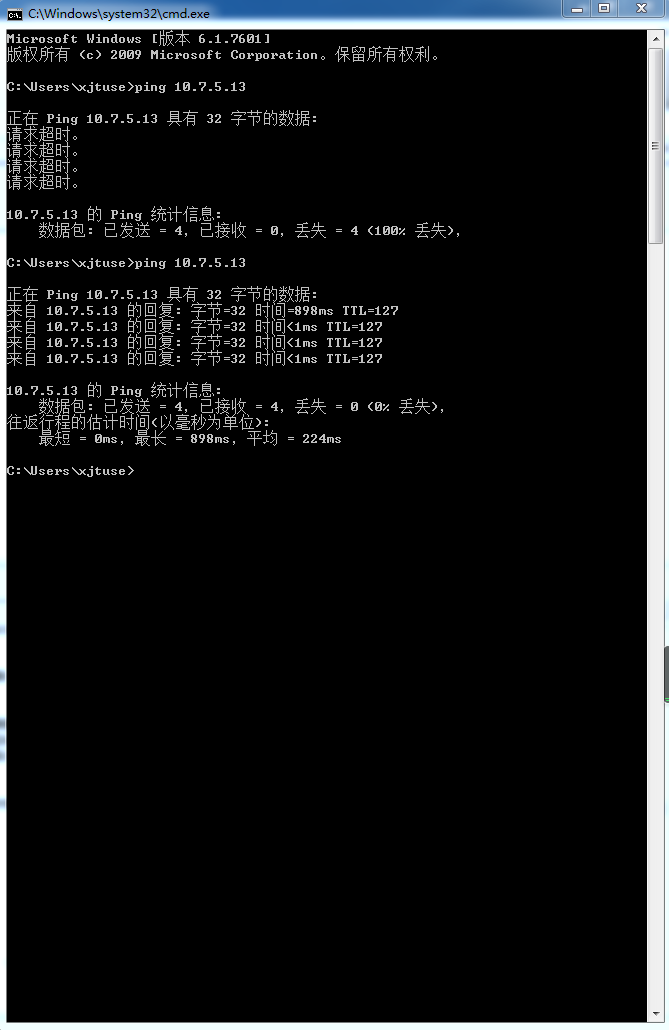
已捕获icmp arp报文



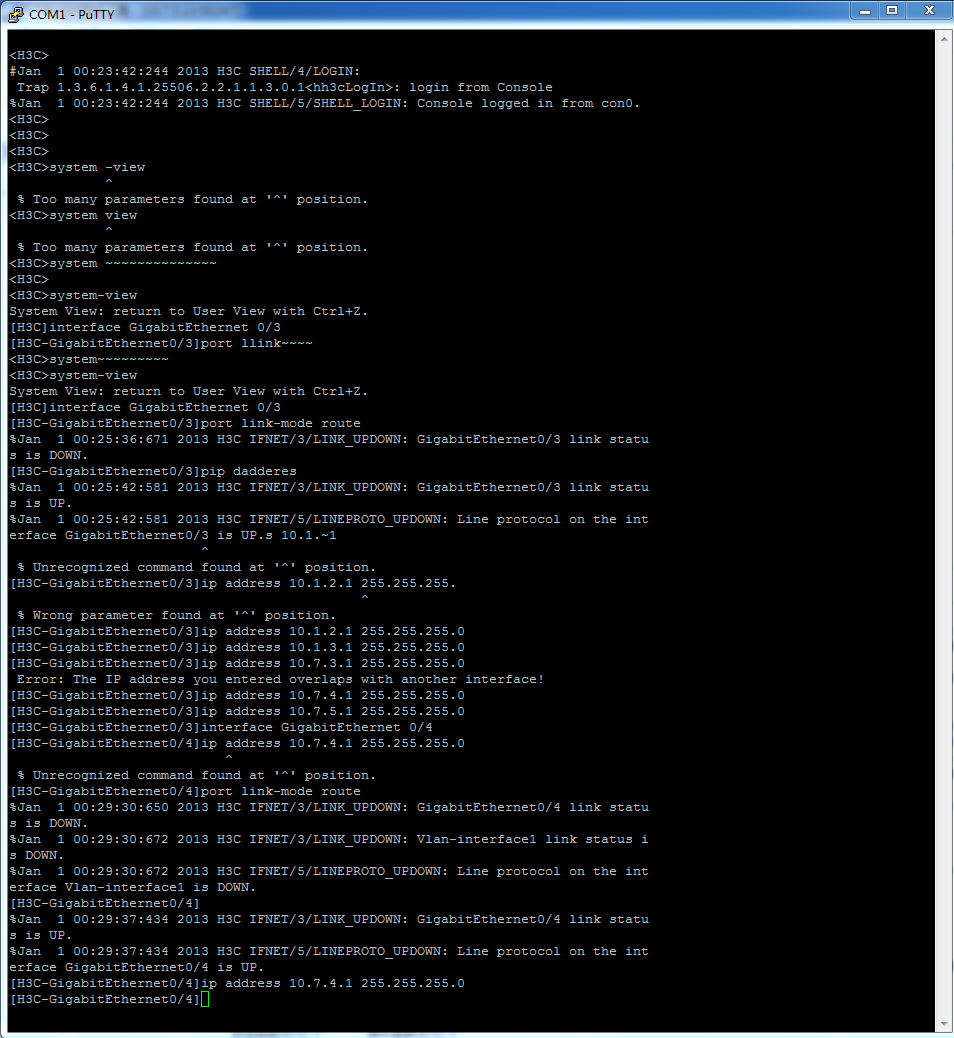
# 第四次实验



已捕获tcp连接

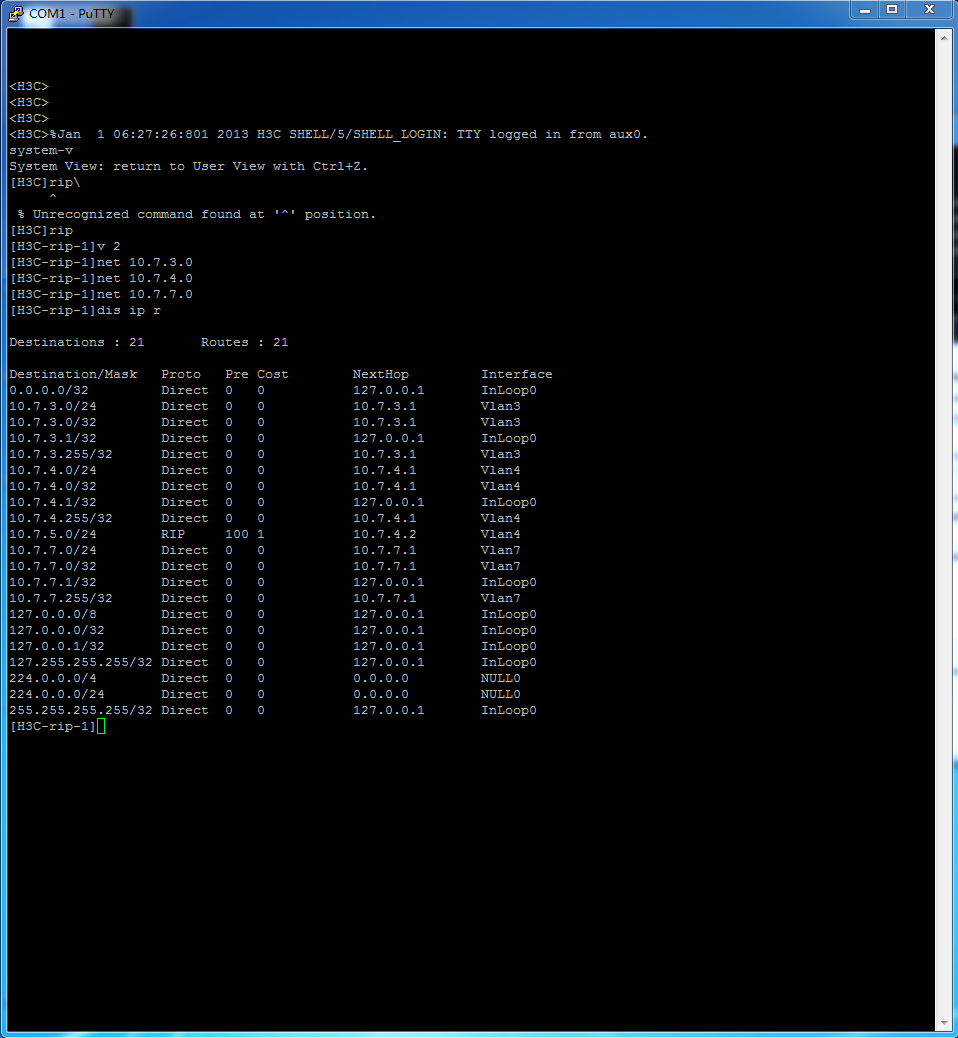


Ping连接符合要求

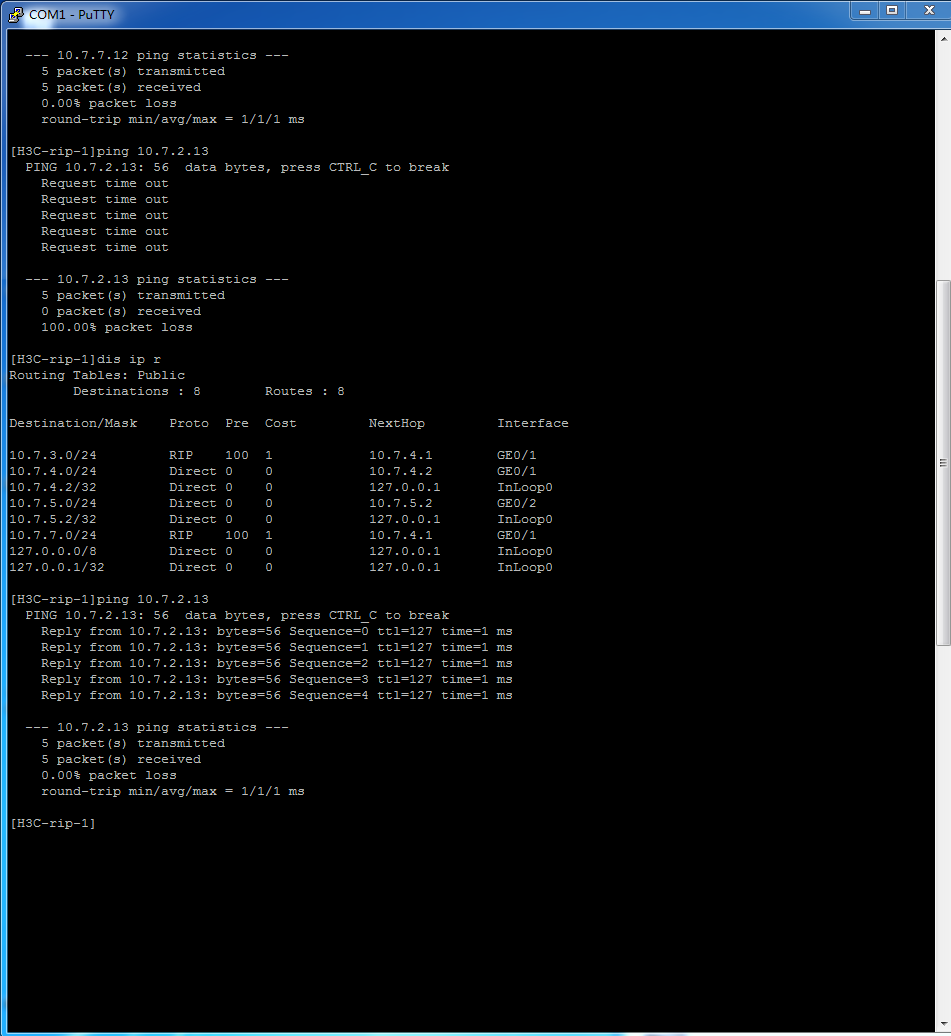


已配置路由器和交换机

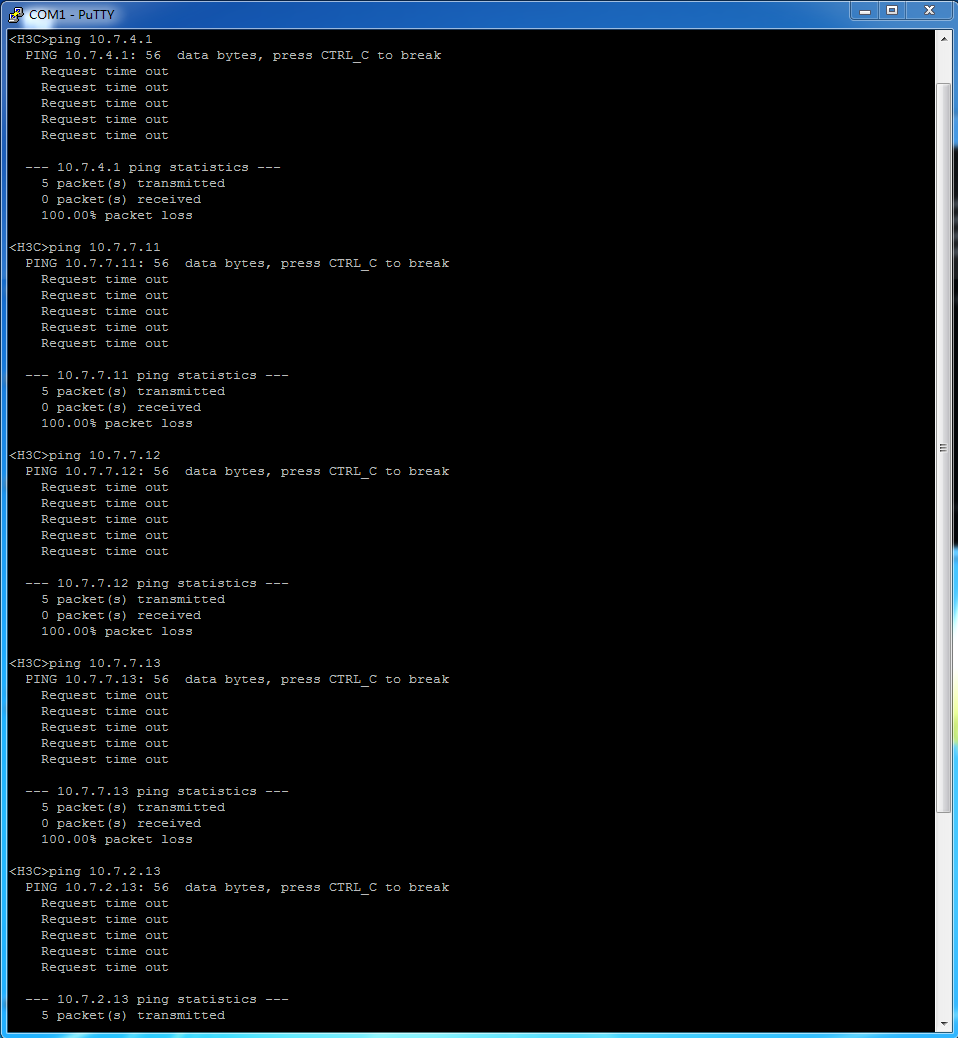
# 第五次实验



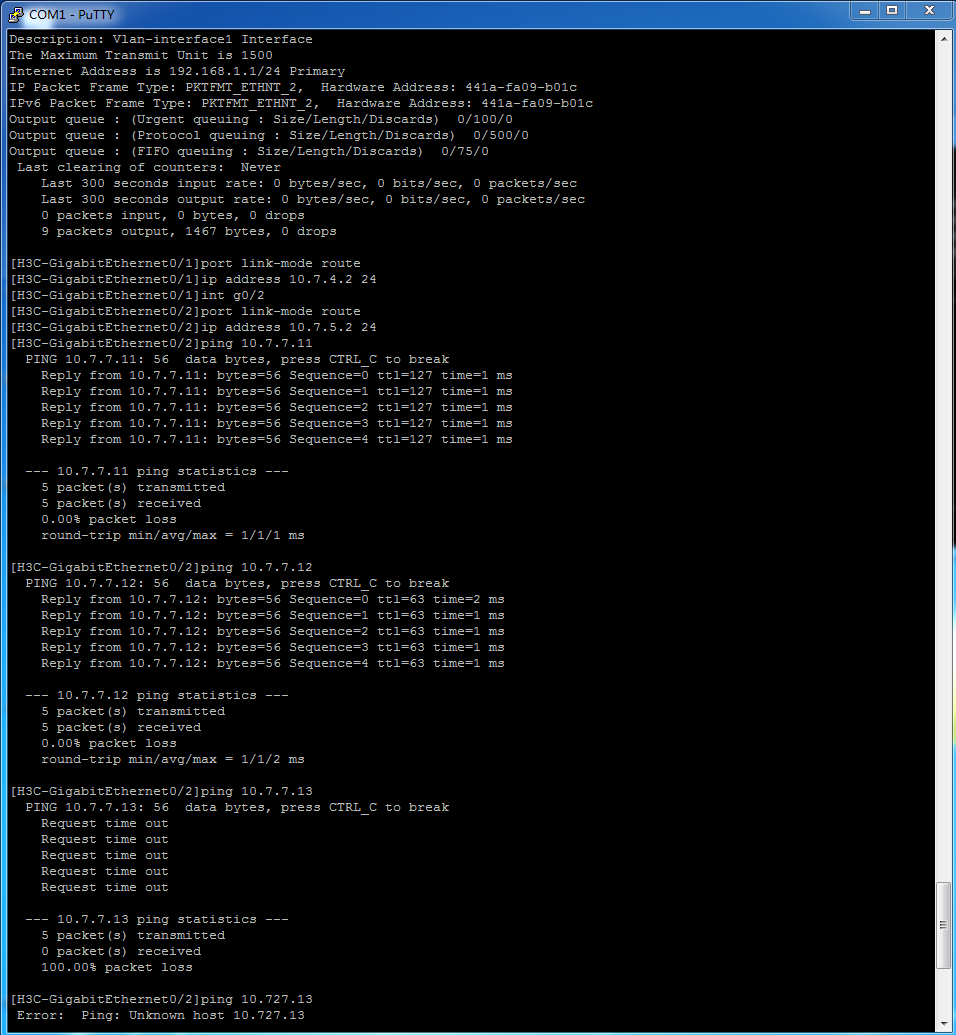
路由器路由表如图



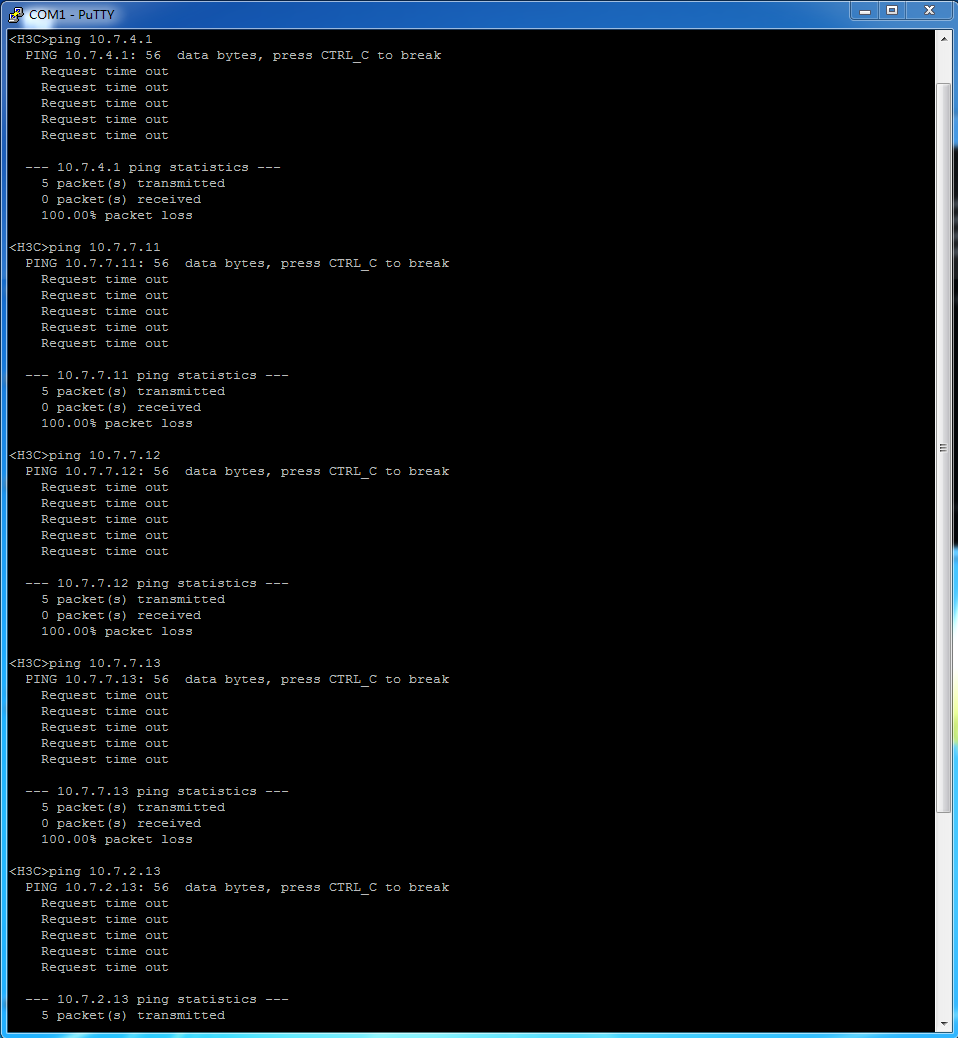
更新后rip表项出现在路由表中



路由不能ping通，符合题意

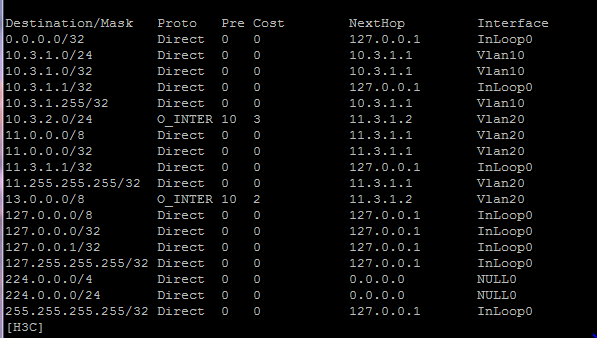


更新后配置如图



检查与各个主机联通状态

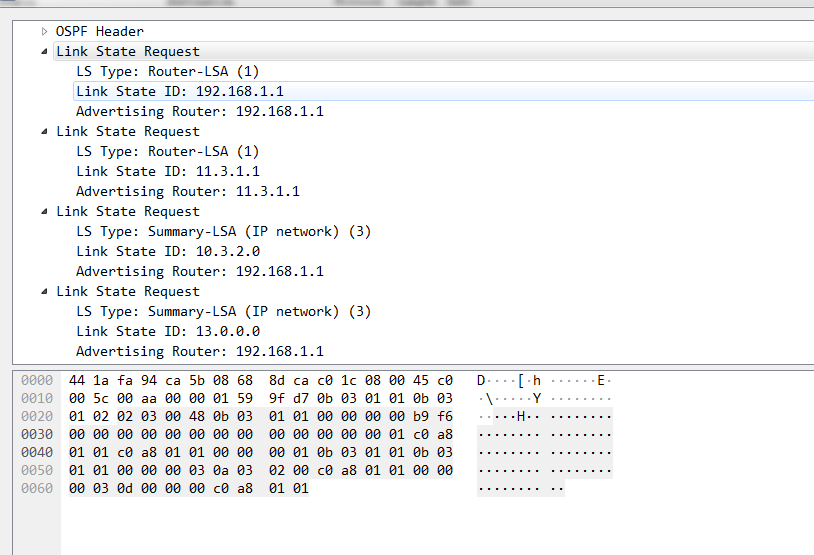
# 第六次实验



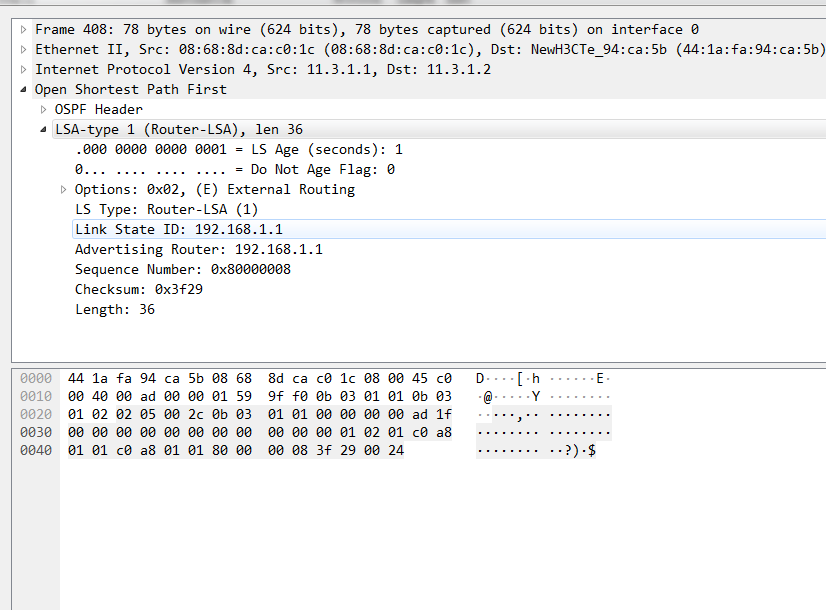
路由表如图



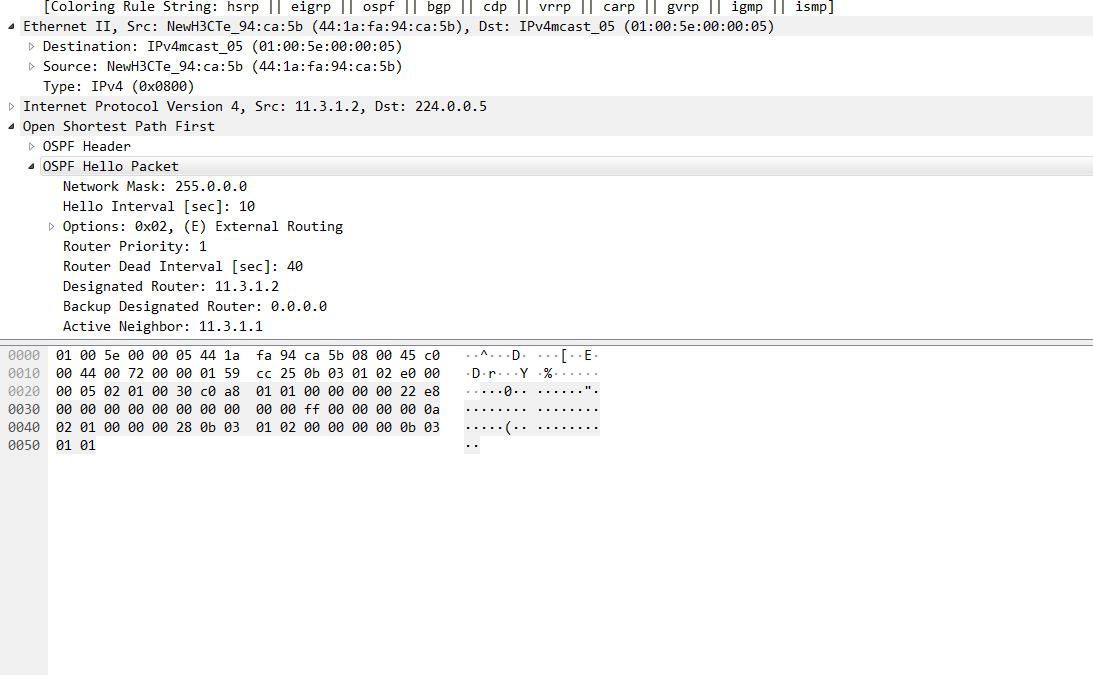
OSFP协议



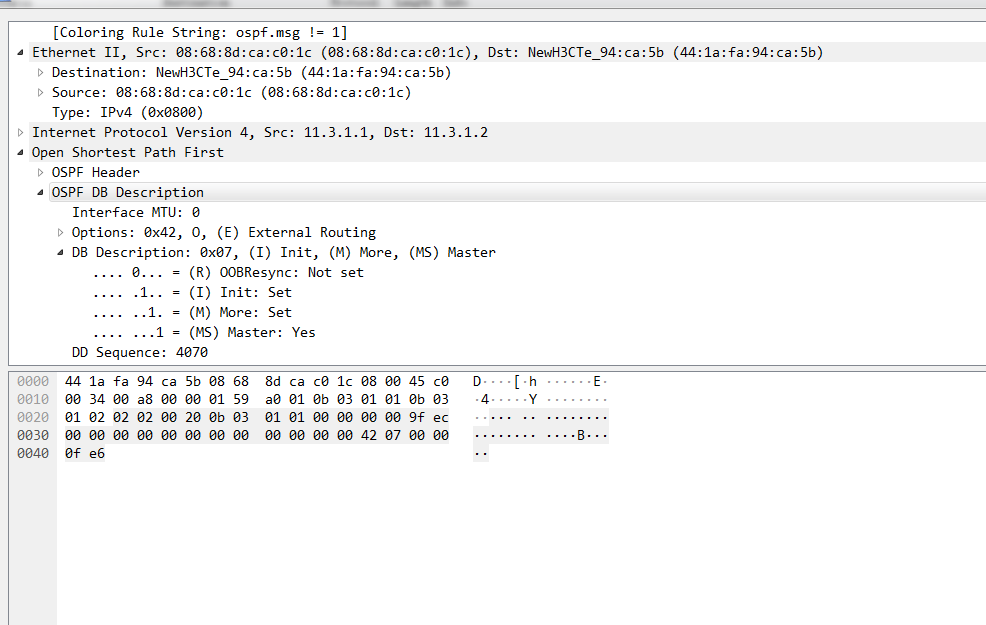
LSR协议



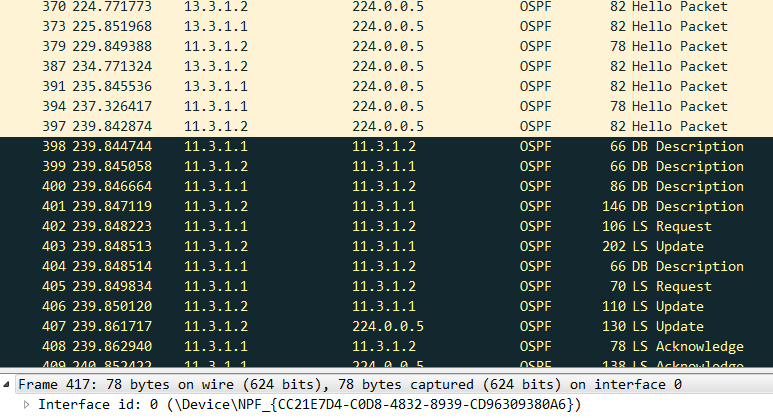
Router-rsa协议



Ospf包格式

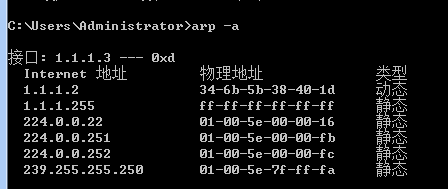


Ospf db描述



Ospf报文分析

# 第七次实验



路由表如图所示

# 第八次实验