

ARP cache table update

ARP 캐시 테이블(Cache Table)

- IP주소와 MAC 주소의 대응 관계를 저장한 테이블
- ARP 캐시 테이블 확인 명령어 : arp -a

```
C:\>arp -a
```

```
인터페이스: 192.168.35.131 --- 0x4
```

```
인터넷 주소
```

```
물리적 주소
```

```
192.168.35.1
```

```
00-23-aa-83-11-69
```

```
192.168.35.115
```

```
38-8c-50-9a-9b-b1
```

```
192.168.35.211
```

```
04-b4-29-bf-07-09
```

```
192.168.35.255
```

```
ff-ff-ff-ff-ff-ff
```

```
224.0.0.22
```

```
01-00-5e-00-00-16
```

```
224.0.0.251
```

```
01-00-5e-00-00-fb
```

```
224.0.0.252
```

```
01-00-5e-00-00-fc
```

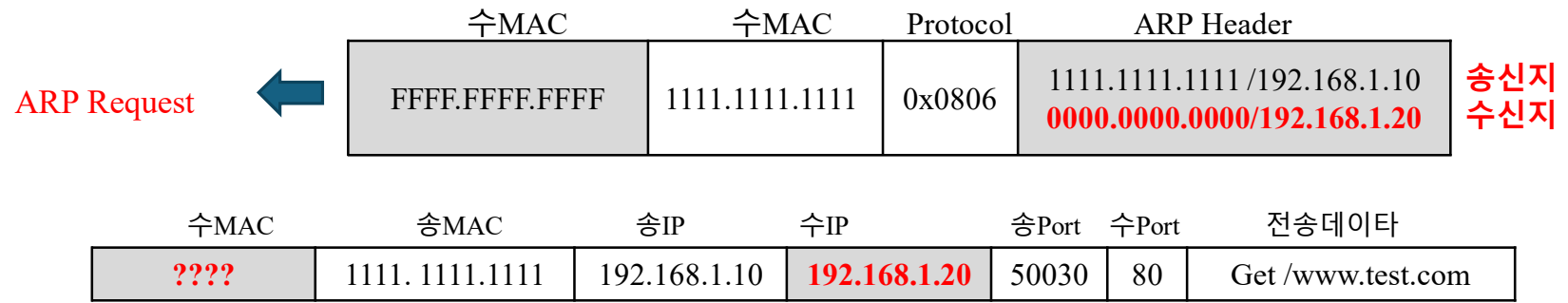
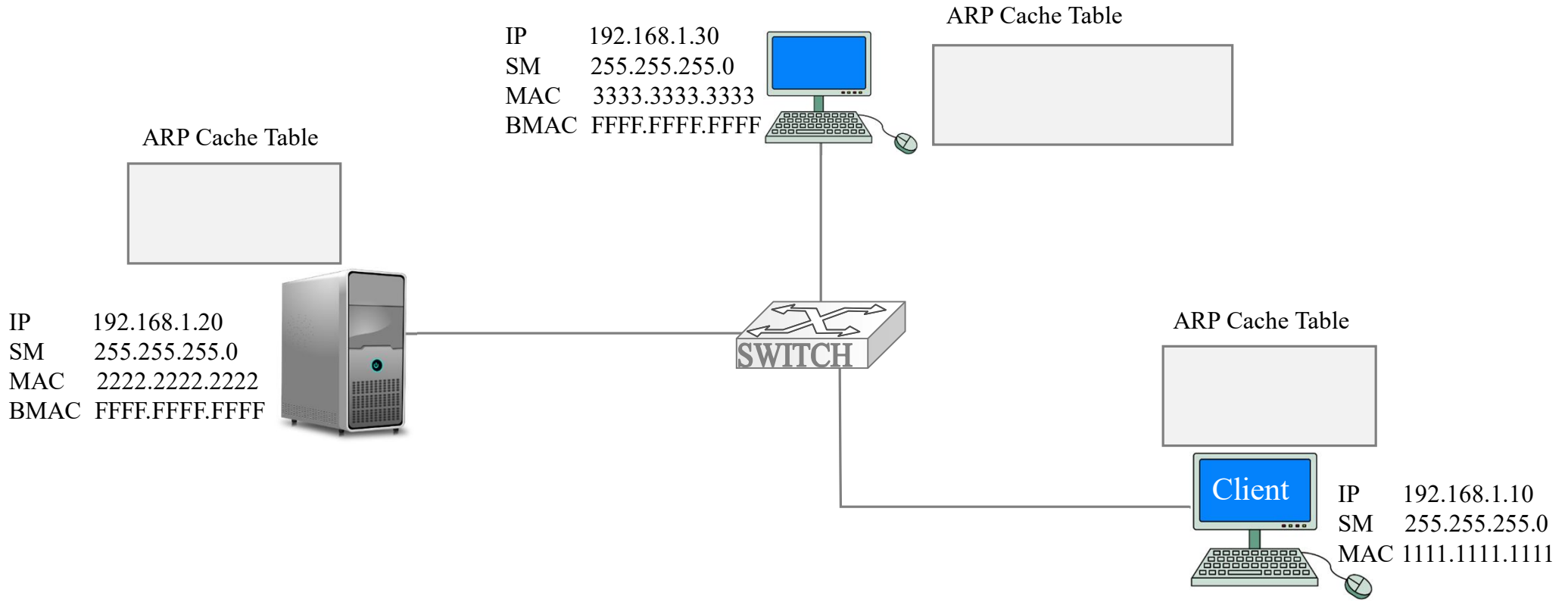
```
239.255.255.250
```

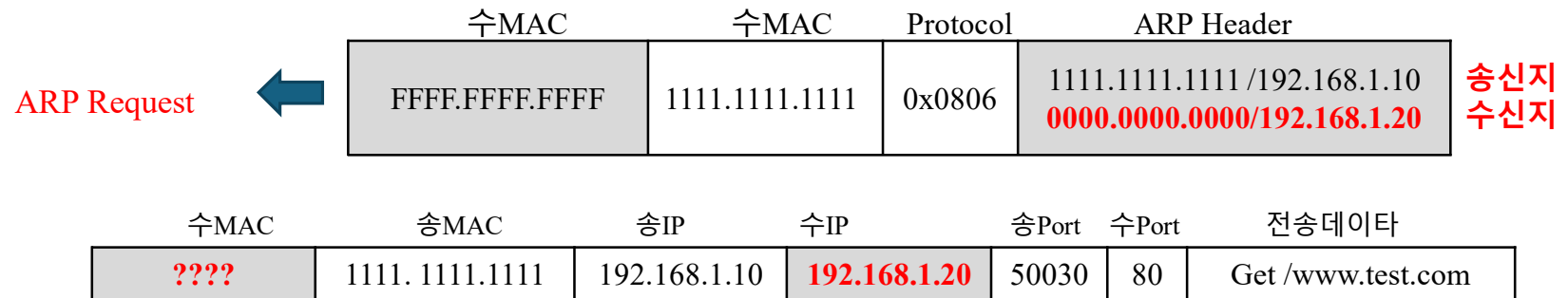
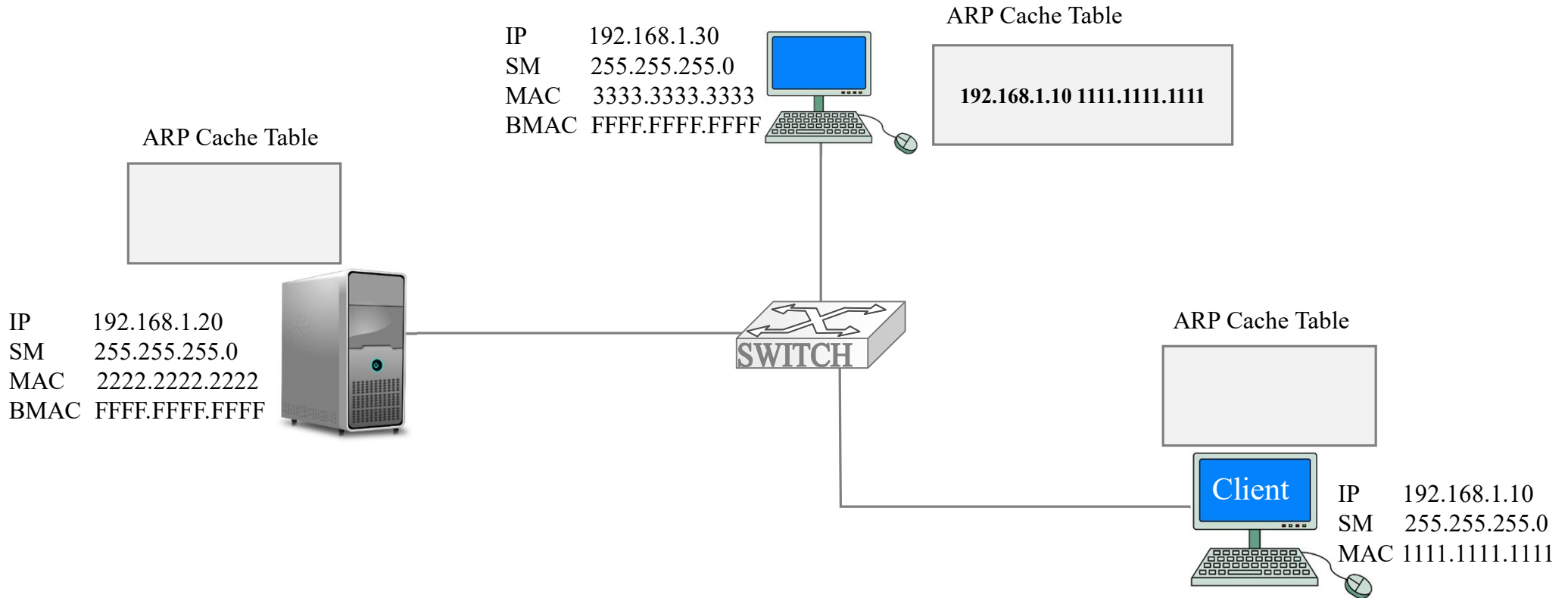
```
01-00-5e-7f-ff-fa
```

```
255.255.255.255
```

```
ff-ff-ff-ff-ff-ff
```

```
유형  
동적  
동적  
동적  
정적  
정적  
정적  
정적  
정적
```





송신지 수신지	ARP Header	Protocol	송MAC	수MAC
	2222.2222.2222 / 192.168.1.20 1111.1111.1111 / 192.168.1.10	0x0806	2222.2222.2222	1111.1111.1111

ARP Cache Table

192.168.1.10	1111.1111.1111
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IP 192.168.1.20
SM 255.255.255.0
MAC 2222.2222.2222
BMAC FFFF.FFFF.FFFF



ARP Cache Table

192.168.1.20	2222.2222.2222
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IP 192.168.1.10
SM 255.255.255.0
MAC 1111.1111.1111

수MAC	송MAC	송IP	수IP	송Port	수Port	전송데이터
222.2222.2222	1111. 1111.1111	192.168.1.10	192.168.1.20	50030	80	Get /www.test.com