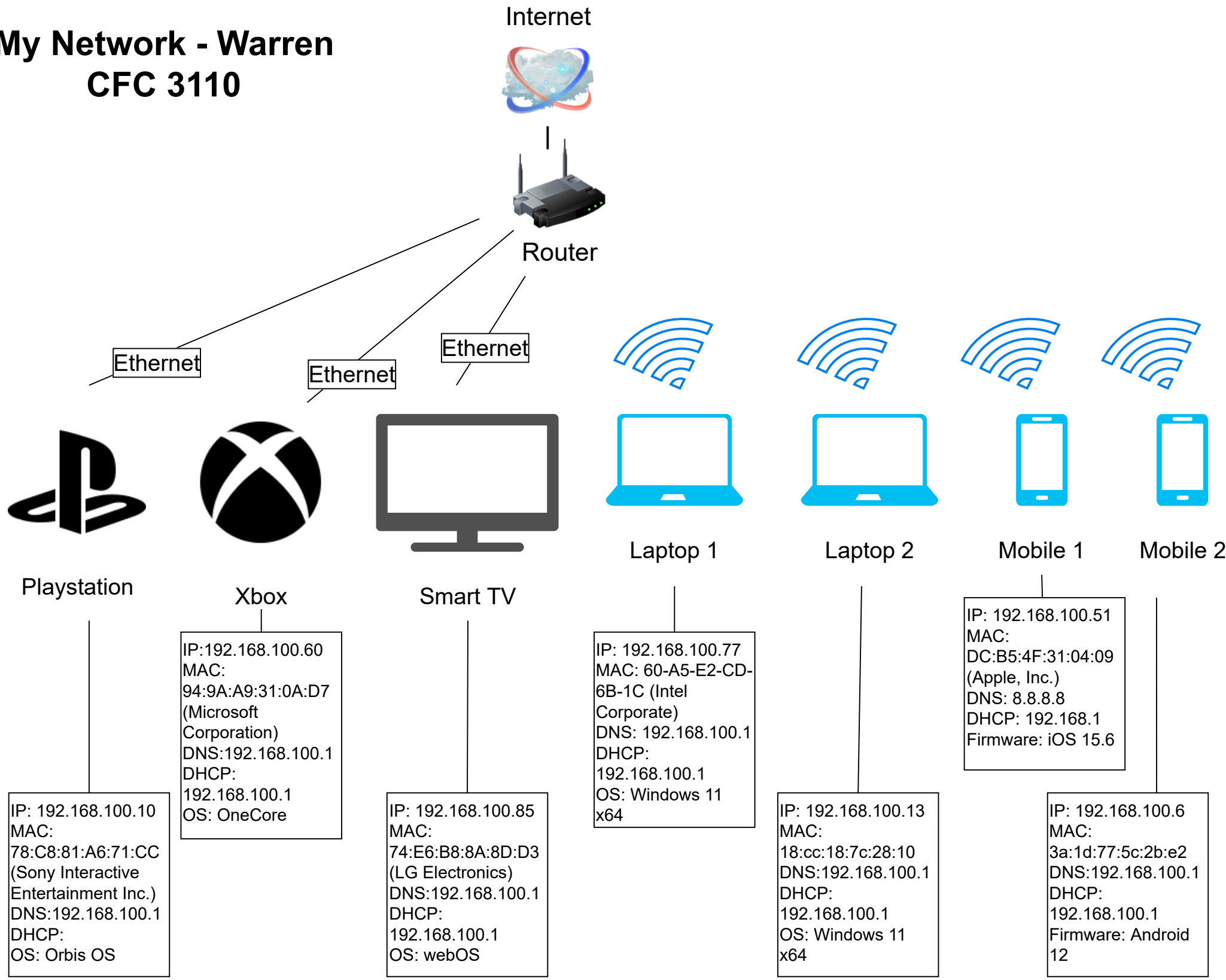


My Network - Warren

CFC 3110



Ping cnn.com

```
Administrator: Command Prompt

C:\Windows\System32>ping cnn.com -4

Pinging cnn.com [151.101.195.5] with 32 bytes of data:
Reply from 151.101.195.5: bytes=32 time=4ms TTL=58
Reply from 151.101.195.5: bytes=32 time=5ms TTL=58
Reply from 151.101.195.5: bytes=32 time=4ms TTL=58
Reply from 151.101.195.5: bytes=32 time=16ms TTL=58

Ping statistics for 151.101.195.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 16ms, Average = 7ms

C:\Windows\System32>ping 151.101.195.5

Pinging 151.101.195.5 with 32 bytes of data:
Reply from 151.101.195.5: bytes=32 time=20ms TTL=58
Reply from 151.101.195.5: bytes=32 time=4ms TTL=58
Reply from 151.101.195.5: bytes=32 time=6ms TTL=58
Reply from 151.101.195.5: bytes=32 time=4ms TTL=58

Ping statistics for 151.101.195.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 20ms, Average = 8ms

C:\Windows\System32>
```

i. ICMP Ping

Wireshark packet capture showing ICMP ping requests and replies to 151.101.195.5. The capture is on interface 'Device\NPF_{704FE8BF-C5-80-11-80-00-00-00-00-00-00-00-00-00-00-00-00-00} on Ethernet II, Src: IntelCor_cdi6b1c (68:a5:e2:cd:6b:1c), Dst: HuaweiTe_f013fc (e8:4b:a6:f0:13:fc). The packet list shows 10 packets, including 4 ping requests and 6 replies. The packet details pane shows the ICMP Echo (ping) request and reply fields.

No.	Time	Source	Destination	Protocol	Length	Info
3679	98.736595	192.168.100.77	151.101.195.5	ICMP	74	Echo (ping) request Id=0x0001, seq=275/4865, ttl=128 (reply in 3680)
3680	98.736840	151.101.195.5	192.168.100.77	ICMP	74	Echo (ping) reply Id=0x0001, seq=275/4865, ttl=58 (request in 3679)
3690	99.745252	192.168.100.77	151.101.195.5	ICMP	74	Echo (ping) request Id=0x0001, seq=276/5121, ttl=128 (reply in 3691)
3691	99.745909	151.101.195.5	192.168.100.77	ICMP	74	Echo (ping) reply Id=0x0001, seq=276/5121, ttl=58 (request in 3690)
3699	100.755340	192.168.100.77	151.101.195.5	ICMP	74	Echo (ping) request Id=0x0001, seq=277/5377, ttl=128 (reply in 3700)
3700	100.761400	151.101.195.5	192.168.100.77	ICMP	74	Echo (ping) reply Id=0x0001, seq=277/5377, ttl=58 (request in 3699)
3734	101.702151	192.168.100.77	151.101.195.5	ICMP	74	Echo (ping) request Id=0x0001, seq=278/5633, ttl=128 (reply in 3735)
3735	101.772789	151.101.195.5	192.168.100.77	ICMP	74	Echo (ping) reply Id=0x0001, seq=278/5633, ttl=58 (request in 3734)

ii. DNS Response for cnn.com

Wireshark packet capture showing DNS query and response for cnn.com. The capture is on interface 'Device\NPF_{704FE8BF-C5-80-11-80-00-00-00-00-00-00-00-00-00-00-00-00-00} on Ethernet II, Src: IntelCor_cdi6b1c (68:a5:e2:cd:6b:1c), Dst: HuaweiTe_f013fc (e8:4b:a6:f0:13:fc). The packet list shows 10 packets, including 1 DNS query and 9 DNS responses. The packet details pane shows the DNS Standard query response fields.

No.	Time	Source	Destination	Protocol	Length	Info
477	4.783578	fe80::1	fe80::5cb6:627b:e74a::	DNS	212	Standard query response 0x4629 AAAA as-sec.casalemedia.com CNAME as-sec.casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
481	4.791857	fe80::1	fe80::5cb6:627b:e74a::	DNS	189	Standard query response 0xf821 A as-sec.casalemedia.com CNAME as-sec.casalemedia.com.cdn.cloudflare.net A 104.18.18.126
482	4.792181	fe80::1	fe80::5cb6:627b:e74a::	DNS	98	Standard query response 0x740a A as-casalemedia.com CNAME as-sec.casalemedia.com.cdn.cloudflare.net A 104.18.18.126
483	4.792253	fe80::1	fe80::5cb6:627b:e74a::	DNS	98	Standard query response 0xc847 AAAA as-casalemedia.com CNAME as-sec.casalemedia.com.cdn.cloudflare.net A 104.18.18.126
484	4.794280	fe80::1	fe80::5cb6:627b:e74a::	DNS	219	Standard query response 0xfalc A and.cdn.turner.com CNAME standard-tls.warnermediacdn.akamaized.net CNAME a1944.dscw16.a.com
485	4.794991	fe80::1	fe80::5cb6:627b:e74a::	DNS	101	Standard query response 0x35f9 A c.amazon-adsystem.com CNAME diykf07e75w7ss.cloudfront.net A 99.86.169.63
486	4.795047	fe80::1	fe80::5cb6:627b:e74a::	DNS	181	Standard query response 0xc644 AAAA c.amazon-adsystem.com CNAME diykf07e75w7ss.cloudfront.net A 99.86.169.63
487	4.807980	fe80::1	fe80::5cb6:627b:e74a::	DNS	181	Standard query response 0x74ba A as-casalemedia.com CNAME as-casalemedia.com.cdn.cloudflare.net A 104.18.18.126 A 104.18.18.126
488	4.811199	fe80::1	fe80::5cb6:627b:e74a::	DNS	160	Standard query response 0x35f9 A c.amazon-adsystem.com CNAME diykf07e75w7ss.cloudfront.net A 99.86.169.63
489	4.814508	fe80::1	fe80::5cb6:627b:e74a::	DNS	222	Standard query response 0xc644 AAAA c.amazon-adsystem.com CNAME diykf07e75w7ss.cloudfront.net A 99.86.169.63
490	4.815364	fe80::1	fe80::5cb6:627b:e74a::	DNS	91	Standard query response 0x03fd A cdn.cnn.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
491	4.815423	fe80::1	fe80::5cb6:627b:e74a::	DNS	91	Standard query response 0xfad0 AAAA cdn.cnn.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
492	4.822823	192.168.100.77	192.168.100.1	DNS	78	Standard query response 0xc847 AAAA as-casalemedia.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
494	4.892601	192.168.100.1	192.168.100.77	DNS	184	Standard query response 0xc847 AAAA as-casalemedia.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
496	4.892601	fe80::1	fe80::5cb6:627b:e74a::	DNS	187	Standard query response 0x03fd A cdn.cnn.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
497	4.892621	fe80::1	fe80::5cb6:627b:e74a::	DNS	204	Standard query response 0xc847 AAAA as-casalemedia.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
498	4.892621	fe80::1	fe80::5cb6:627b:e74a::	DNS	227	Standard query response 0xfad0 AAAA cdn.cnn.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
503	4.892705	fe80::1	fe80::5cb6:627b:e74a::	DNS	92	Standard query response 0xc847 AAAA as-casalemedia.com CNAME as-casalemedia.com.cdn.cloudflare.net SOA ns1.cloudflare.net 104.18.18.126
504	4.851719	fe80::1	fe80::5cb6:627b:e74a::	DNS	98	Standard query response 0xc543 A consent.truste.com CNAME ion-na.turner.com.edgekey.net CNAME e12596.dscj.akamaiedge.net A 23.1.23.23
505	4.851768	fe80::1	fe80::5cb6:627b:e74a::	DNS	98	Standard query response 0x90a5 AAAA consent.truste.com CNAME ion-na.turner.com.edgekey.net CNAME e12596.dscj.akamaiedge.net A 23.1.23.23
506	4.851771	fe80::1	fe80::5cb6:627b:e74a::	DNS	92	Standard query response 0xe585 AAAA cdn.kvrd.net CNAME sri.global.fastly.net A 146.75.26.133
509	4.866226	fe80::1	fe80::5cb6:627b:e74a::	DNS	142	Standard query response 0xc847 A cdn.kvrd.net CNAME sri.global.fastly.net A 146.75.26.133
510	4.866226	fe80::1	fe80::5cb6:627b:e74a::	DNS	182	Standard query response 0x90a5 AAAA consent.truste.com SOA ns-2013.awsdns-60.co.uk