

TCP 3-way-handshake

Client

4	TCP	Port:
3	IP	IP:
2	Ethernet	MAC:
1		

Server

Port:	TCP	4
IP:	IP	3
MAC:	Ethernet	2
		1

==> SYN ==>

IP-Paket																
IP-Header		TCP-Segment														
...	Quell-port	Ziel-port	Sequenznummer				ACK-Nummer				...	Flags	Window-size		...	
...																...
...																...

<== SYN, ACK <==

IP-Paket																
IP-Header		TCP-Segment														
...	Quell-port	Ziel-port	Sequenznummer				ACK-Nummer				...	Flags	Window-size		...	
...																...
...																...

==> ACK ==>

IP-Paket																
IP-Header		TCP-Segment														
...	Quell-port	Ziel-port	Sequenznummer				ACK-Nummer				...	Flags	Window-size		...	
...																...
...																...