

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	...	Flag	Window-size	Check-sum	Urgent-pointer	Options					
...															
...															

<== SYN, ACK <==

IP-Paket															
IP-Header	TCP-Segment														
...	Quell-port	Ziel-port	Sequenznummer	ACK-Nummer	...	Flag	Window-size	Check-sum	Urgent-pointer	Options					
...															
...															

==> ACK ==>

IP-Paket															
IP-Header	TCP-Segment														
...	Quell-port	Ziel-port	Sequenznummer	ACK-Nummer	...	Flag	Window-size	Check-sum	Urgent-pointer	Options					
...															
...															