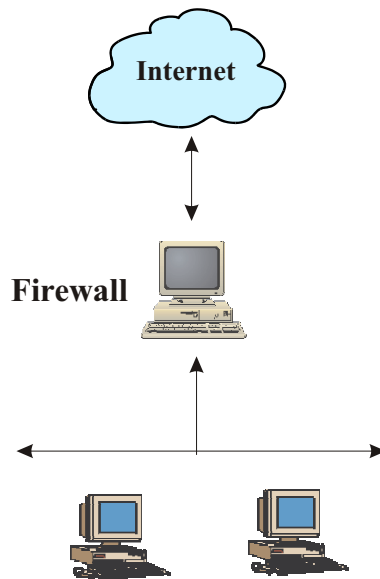


Firewall - Arten

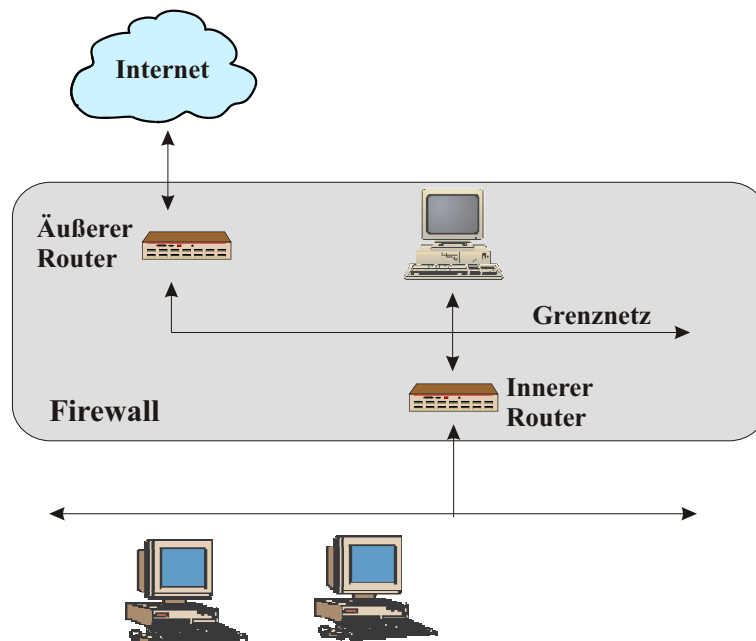
- Packet Filter Firewall
- Application Level Proxy
- Circuit Level Proxy

Architekturen

dual homed



screened subnet

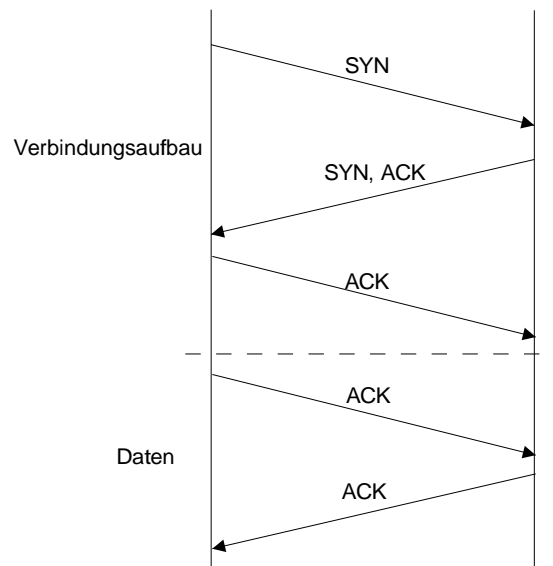


Für Filterung wichtige Felder der Internet-Protokolle

IP

4-Bit	4-Bit	8-Bit	16-Bit	
Version	Header-Länge	Service-Type	Länge des Datagramms	
Identifikationsnummer			Flags	Offset des Fragments
Time to Live	Protokoll der Transportschicht		Prüfsumme des Headers	
Internet-Adresse des Quell-Rechners				
Internet-Adresse des Ziel-Rechners				
Optionen (z.B. Source Routing)			Füllzeichen	
Header des Transportprotokolls				

TCP



UDP

16 Bit	16 Bit
Portnummer des Absenders	Portnummer des Empfängers
Datagrammlänge	Prüfsumme