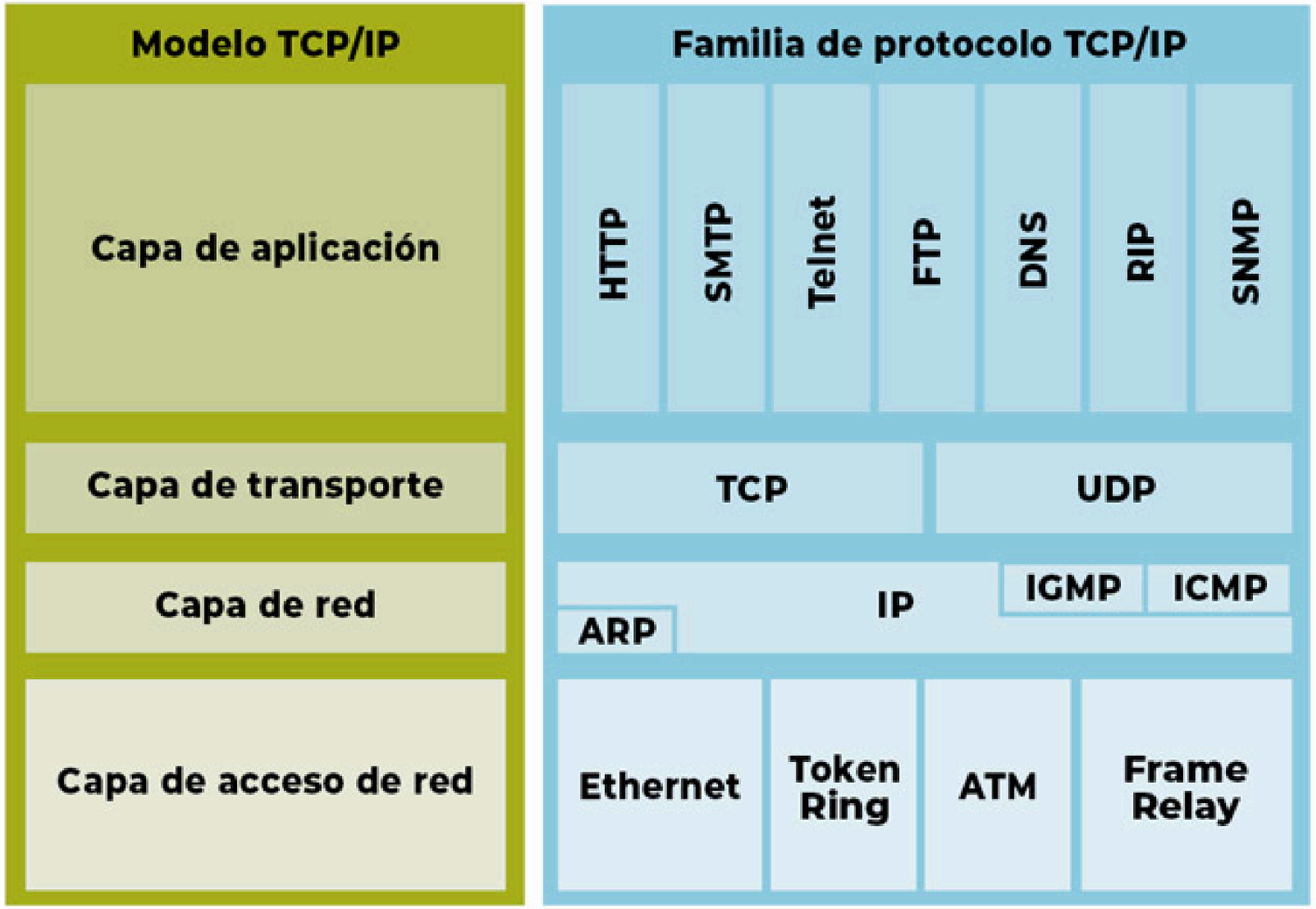
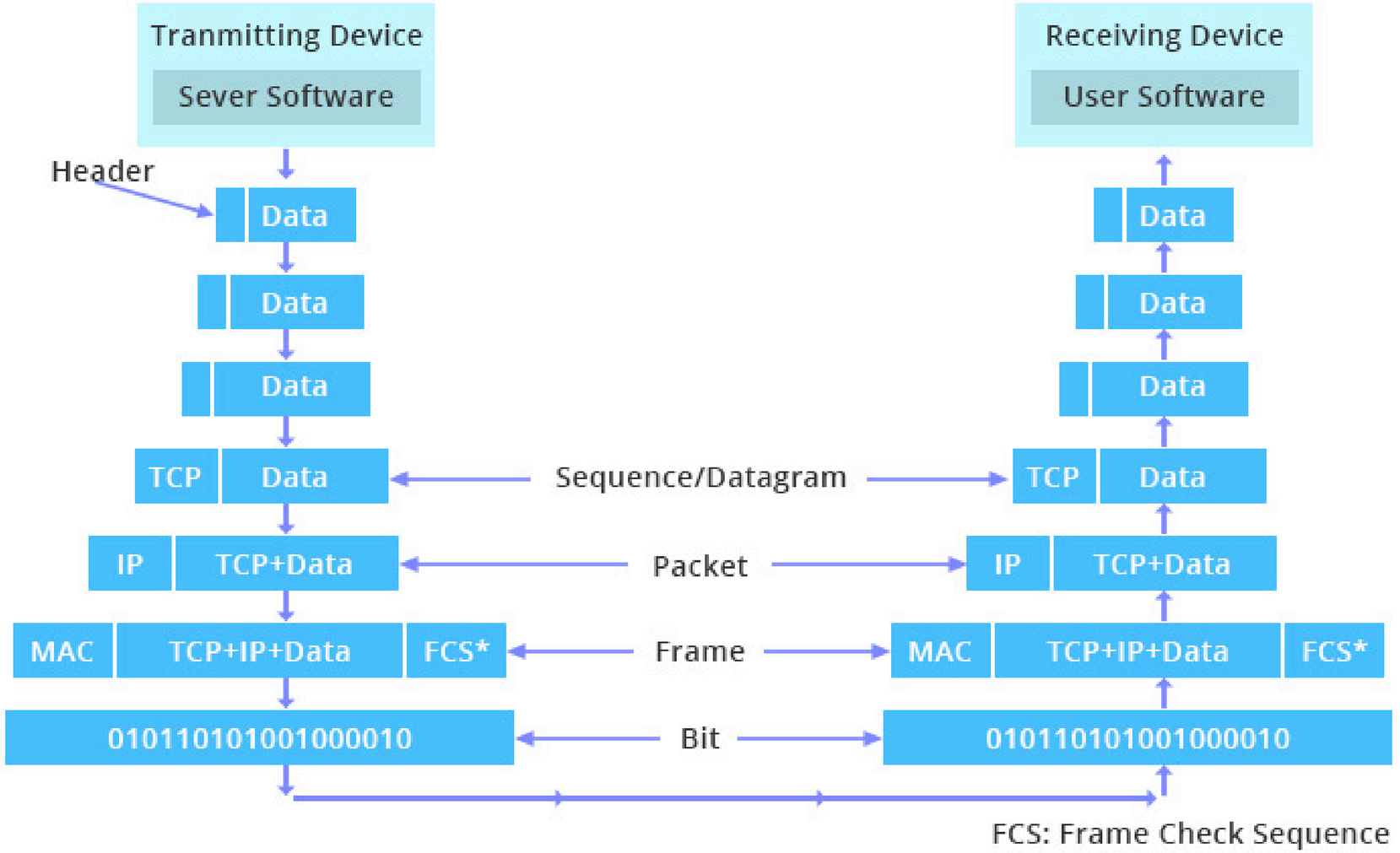
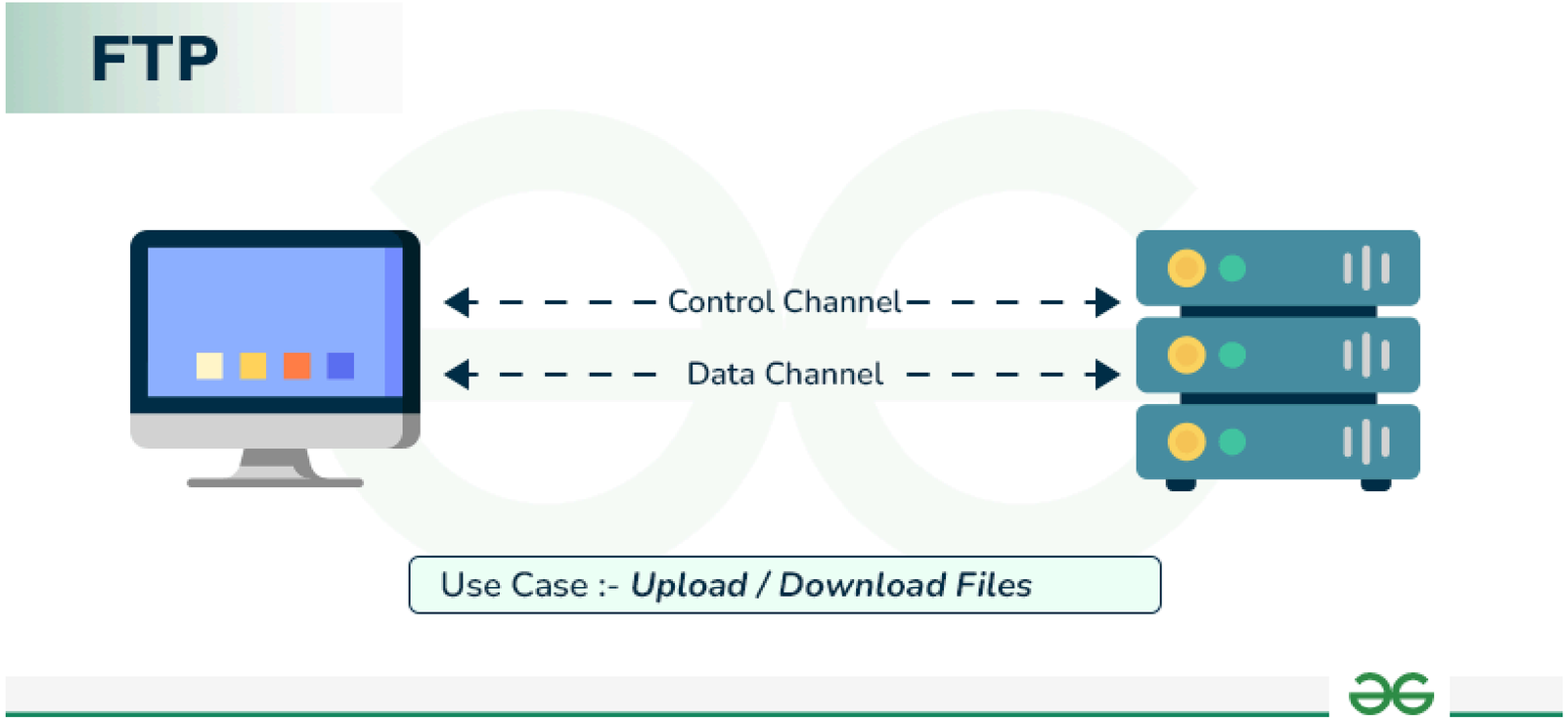
Reconocimiento


Modelo TCP/IP
Capa de aplicación
Capa de transporte
Capa de red
Capa de acceso de red
Familia de protocolo TCP/IP
HTTP
SMTP
Telnet
FTP
DNS
RIP
SNMP
TCP
UDP
IP
IGMP
ICMP
ARP
Ethernet
Token Ring
ATM
Frame Relay

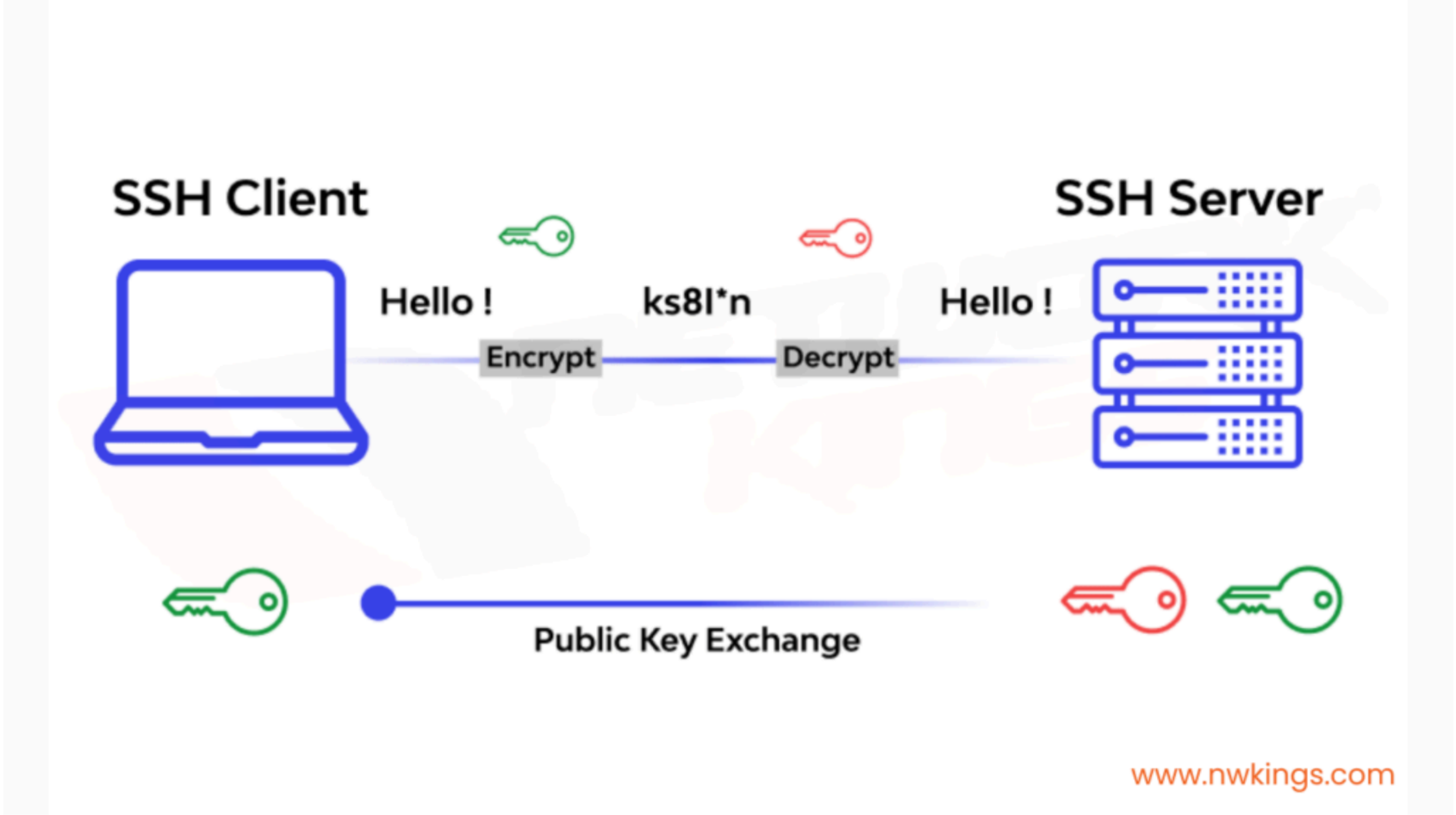

Tranmitting Device
Sever Software
Receiving Device
User Software
Header
Data
Data
Data
TCP
Data
Sequence/Datagram
TCP
Data
IP
TCP+Data
Packet
IP
TCP+Data
MAC
TCP+IP+Data
FCS*
Frame
MAC
TCP+IP+Data
FCS*
0101101010010000 10
Bit
0101101010010000 10
FCS: Frame Check Sequence

Servicio	Puerto	Descripción
ftp	21/tcp	#File Transfer [Control]
ftp	21/udp	#File Transfer [Control]
ssh	22/tcp	#Secure Shell Login
ssh	22/udp	#Secure Shell Login
telnet	23/tcp	
telnet	23/udp	
smtp	25/tcp	#Simple Mail Transfer
smtp	25/udp	#Simple Mail Transfer
domain	53/tcp	#Domain Name Server
domain	53/udp	#Domain Name Server
Pop3	110/tcp	#Post Office Protocol – Ver 3
pop3	110/udp	#Post Office Protocol – Ver 3

FTP (File Transfer Protocol)

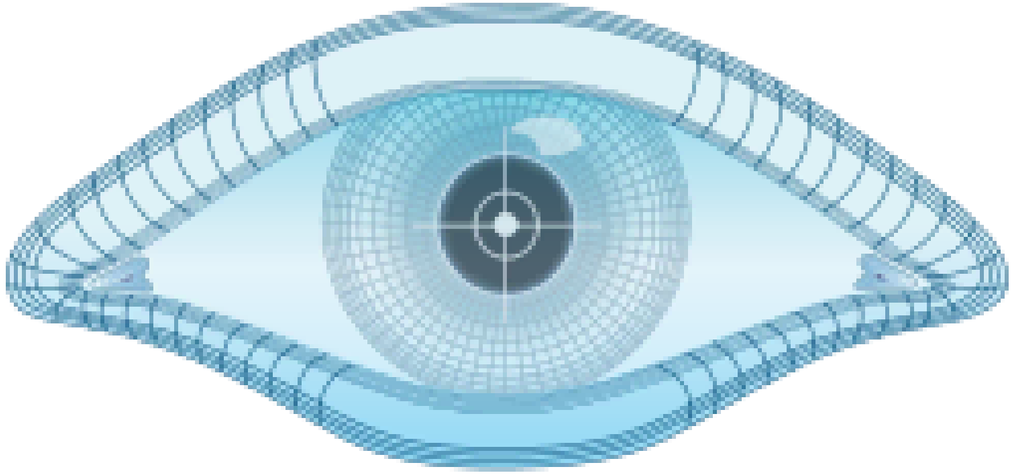


SSH (Secure Shell)



Banner grabbing

Port enumeration



NMAP

netcat

Directory and file enumeration