

# Network+ Port Numbers Cheat Sheet

N10-009 Exam Essential

## ■ MUST MEMORIZE - Frequently Tested

Port	Protocol	Description	TCP/UDP
20, 21	FTP	File Transfer (Data, Control)	TCP
22	SSH	Secure Shell	TCP
23	Telnet	Insecure Remote Access	TCP
25	SMTP	Send Email	TCP
53	DNS	Domain Name System	TCP/UDP
67, 68	DHCP	Dynamic IP Assignment	UDP
80	HTTP	Web Traffic (Insecure)	TCP
110	POP3	Receive Email	TCP
143	IMAP	Receive Email (Better)	TCP
443	HTTPS	Secure Web Traffic	TCP
3389	RDP	Remote Desktop	TCP

## ■ Network Management & Services

Port	Protocol	Description	TCP/UDP
69	TFTP	Trivial FTP (No Auth)	UDP
123	NTP	Network Time Protocol	UDP
161, 162	SNMP	Network Monitoring	UDP
389	LDAP	Directory Access	TCP
636	LDAPS	Secure LDAP	TCP
445	SMB	Windows File Sharing	TCP
137-139	NetBIOS	Legacy Windows	TCP/UDP

## ■ VoIP & Collaboration

Port	Protocol	Description	TCP/UDP
5060, 5061	SIP	VoIP Signaling	TCP/UDP

5004, 5005	RTP	VoIP Media Streams	UDP
1720	H.323	Video Conferencing	TCP

## ■ Exam Tips

- Know whether each protocol uses TCP, UDP, or both
- Secure protocols usually use higher port numbers (443 vs 80)
- FTP uses TWO ports (20 for data, 21 for control)
- DHCP uses TWO ports (67 server, 68 client)
- DNS uses BOTH TCP and UDP on port 53
- Memorize the 'Big 15' ports - they appear on EVERY exam