CompTIA Security+ (SY0-601) Ports Sheet

High-yield ports and protocols for review. SY0-601 is retired, but this remains useful for legacy study notes.

Best for Fast port memorization	Focus Port / protocol / service / use case	Use with Use with commands sheet and quick summary

Port	Protocol	Name	Use case
20/21	TCP	FTP	Legacy file transfer; insecure without added protection
22	TCP	SSH / SFTP	Secure remote access and file transfer
23	TCP	Telnet	Plaintext admin access
25	TCP	SMTP	Mail transfer
49	TCP	TACACS+	AAA for device administration
53	TCP/UDP	DNS	Name resolution
67/68	UDP	DHCP	Address assignment
69	UDP	TFTP	Simple file transfer
80	TCP	HTTP	Plain web
88	TCP/UDP	Kerberos	Authentication
110	TCP	POP3	Receive mail
123	UDP	NTP	Time synchronization
137-139	TCP/UDP	NetBIOS	Legacy Windows name/session services
143	TCP	IMAP	Mail access
161/162	UDP	SNMP	Monitoring and traps
389	TCP/UDP	LDAP	Directory service
443	TCP	HTTPS	Encrypted web
445	TCP	SMB	Windows sharing
514	UDP	Syslog	Log forwarding
587	TCP	SMTP TLS	Mail submission
636	TCP	LDAPS	Secure LDAP
989/990	TCP	FTPS	FTP with TLS
1812/1813	UDP	RADIUS	AAA for network access
3389	TCP	RDP	Remote desktop

Exam traps

53 TCP/UDP	DNS can use both. Do not assume UDP only.
80 vs 443	HTTP is cleartext; HTTPS adds TLS.

161 vs 162	SNMP queries typically use 161; traps/notifications use 162.
22 vs 23	SSH is secure; Telnet is plaintext and usually the wrong choice.