

Overview

This roadmap is designed for a focused 4-week sprint. Adjust daily hours to your schedule (recommended minimum: 1.5–2 hours/day on weekdays, 3–4 hours on weekends). Track every milestone. Consistency beats cramming.

Week 1 – Foundations & Objectives

- Read official exam objectives end-to-end; highlight weak domains
- Set up lab (VirtualBox/VMware + 2–3 VMs: Win10/11, Linux, optional server)
- Core networking: OSI/TCP-IP, IP addressing, subnetting practice (daily drills)
- Ports & protocols table – memorize top 15–20
- Windows & Linux command basics (ipconfig, ip, ping, traceroute, etc.)

Milestone check-in: Score $\geq 70\%$ on a basic networking practice quiz. Subnetting worksheet completed with $<10\%$ errors.

Week 2 – Core Domains Deep Dive

- Network implementations: switches, routers, VLANs, wireless standards
- IP services: DHCP, DNS, NAT, NTP
- Security fundamentals: ACLs, firewalls, secure protocols (SSH, HTTPS, TLS)
- Troubleshooting methodology – practice the 6 steps on scenarios
- Hands-on: configure DHCP reservation, basic firewall rules, Wi-Fi security

Milestone check-in: Complete 40–50 practice questions (mixed domains). Lab notes for at least 3 configurations.

Week 3 – Advanced Topics & PBQs

- WAN technologies, remote access, cloud concepts
- Network monitoring, documentation, change management
- Performance-Based Questions (PBQs): simulate 4–5 full scenarios
- Timed practice exams (full length) – review every miss in detail
- Build personal “weak topic” flashcards / cheat sheets

Milestone check-in: Two full practice exams $\geq 75\%$. PBQ walk-throughs written out for top 3 scenarios.

Week 4 – Polish & Exam Readiness

- Daily mixed-question drills (focus on previous weak areas)
- One final full-length timed exam mid-week
- Light review of ports, commands, troubleshooting steps only
- Prepare exam-day logistics (ID, route, arrival time, allowed items)
- Rest the day before – no heavy new material

Final strategy: Trust your preparation. On exam day: flag hard questions, manage PBQ time, breathe.

Weekly Rhythm Suggestion

Day	Focus	Approx. Time
Mon–Thu	Objective reading + lab + 15–20 practice Qs	1.5–2 h
Friday	Review misses + flashcards + light lab	1–1.5 h
Saturday	Deeper lab / PBQ practice or practice exam	3–4 h
Sunday	Light review + rest or catch-up only	0–2 h