Networking & Infrastructure

Program Brochure · 2026

# SASE & SSE ARCHITECTURE

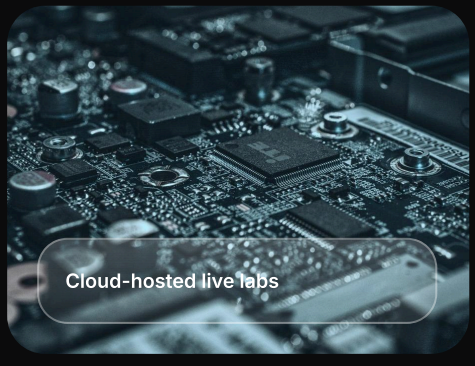
Security delivered from the cloud.

Expert ↗ 40 Hours ↗ SAM-SASE ↗

Networking & Infrastructure

## Connect. Secure. Scale.

10 programs in this track



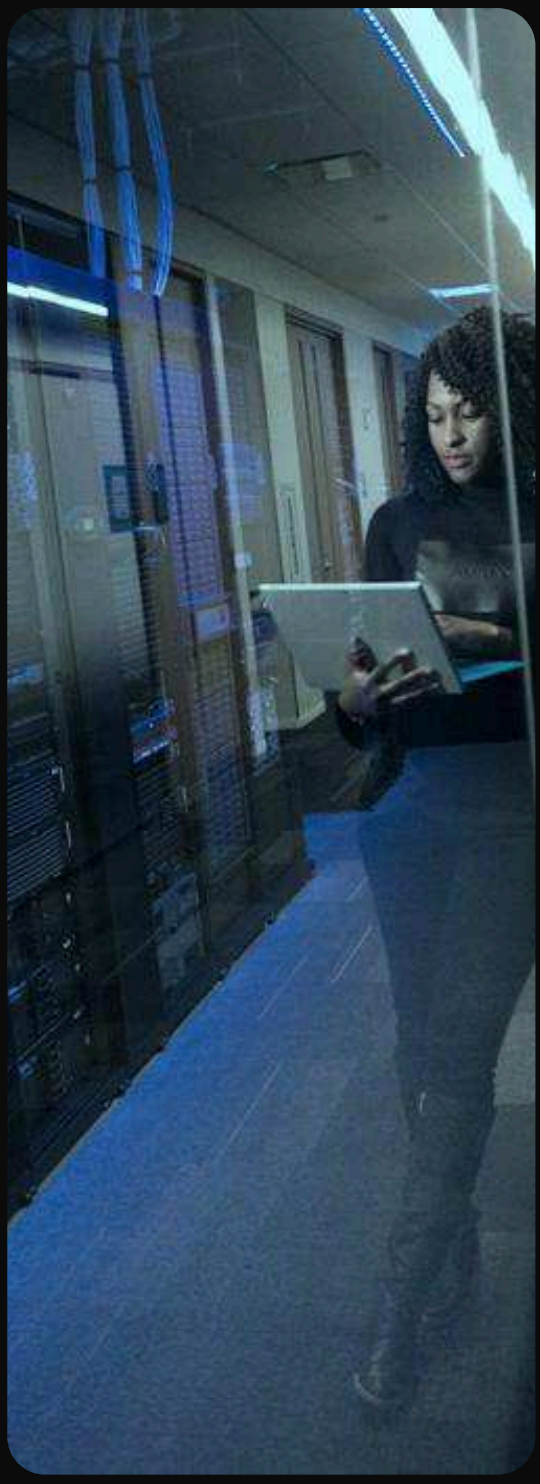

7

modules · hands-on labs · capstone project

Inside this brochure

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AT A GLANCE

| | |
|---|---|
| Level | **Expert** |
| Duration | **40 Hours** |
| Modules | **7** |
| Certificate | **SAM-SASE** |

Program overview

# Security delivered from the cloud.

**Converged networking and security — SASE, SSE, SWG, CASB and ZTNA.**

As applications move to the cloud and users work from anywhere, organisations are converging networking and security into cloud-delivered services. This expert program explains SASE and SSE architecture, including SWG, CASB, ZTNA, FWaaS, DLP and SD-WAN integration, and helps architects evaluate platforms, design secure access and plan a practical migration from legacy network security stacks.

DELIVERY

**Instructor-led · Live virtual · Blended**



WHAT YOU'LL PRACTISE

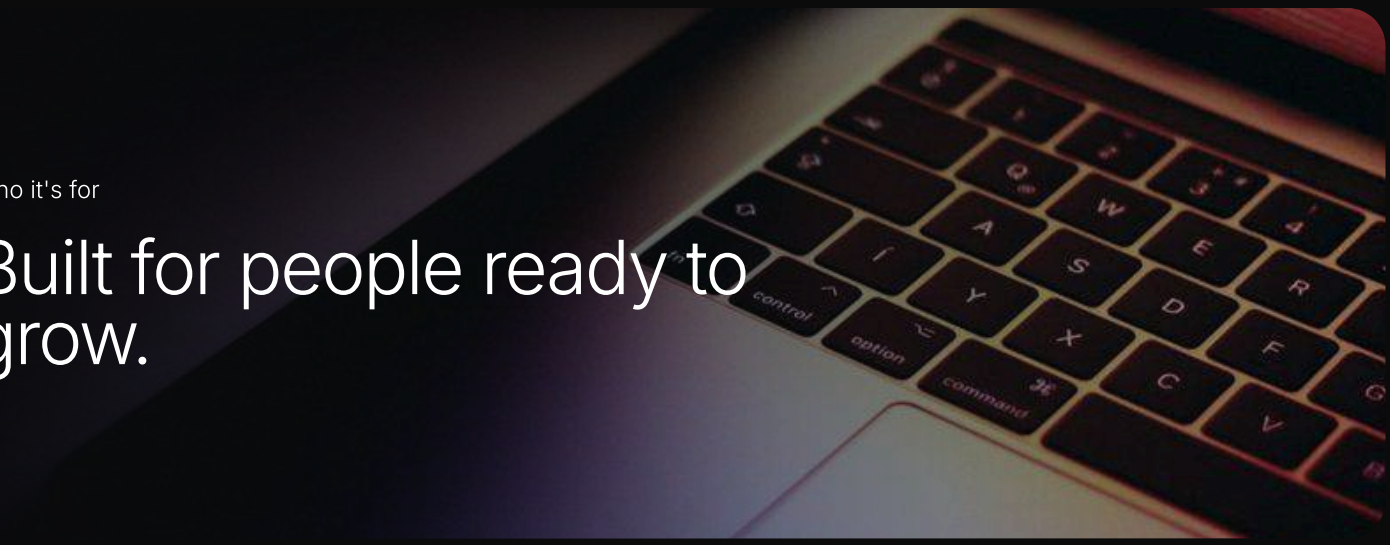
- Understand SASE and SSE
- Design secure remote access
- Use SWG, CASB and ZTNA
- Plan SASE adoption

LEVEL
**Expert**

DURATION
**40 Hours**

CERTIFICATION
**SAM-SASE**

TRACK
**Networking & Infrastructure**



Who it's for

# Built for people ready to grow.

01

**Beginners**

Network+ and CCNA foundations

02

**Network engineers**

CCNP Enterprise, SD-WAN, automation

03

**Security engineers**

Palo Alto, Fortinet, network security

04

**Architects**

CCIE prep, Zero Trust, SASE / SSE

## PREREQUISITES

- Experience with enterprise networking and security 01
- Understanding of firewalls, proxies and VPNs 02
- Familiarity with cloud services and identity 03

## ROLES THIS PREPARES YOU FOR

- Security Architect ↗
- Network Architect ↗
- Cloud Security Engineer ↗
- SASE Solutions Consultant ↗
- Infrastructure Security Manager ↗

Learning outcomes

# What you'll be able to do.



| | |
|---|---|
| 01 | Distinguish SASE, SSE and their core service components |
| 02 | Design secure web and cloud application access with SWG and CASB |
| 03 | Plan ZTNA deployments to replace legacy remote-access VPNs |
| 04 | Integrate SD-WAN with cloud-delivered security services |
| 05 | Apply DLP and data protection across web and SaaS |
| 06 | Evaluate SASE vendors and build a phased adoption plan |

Program runway

# Module by module.

7
modules · 40 hours

| | | |
|---|---|---|
| 01 | **SASE and SSE Foundations**<br>Drivers for converged networking and security, SASE vs SSE definitions, Cloud-native PoP architecture | 6 hrs |
| 02 | **Secure Web Gateway and FWaaS**<br>SWG traffic forwarding methods, TLS inspection considerations, URL and threat filtering | 6 hrs |
| 03 | **CASB and SaaS Security**<br>Inline vs API-based CASB, Shadow IT discovery, SaaS security posture management | 6 hrs |
| 04 | **ZTNA and Private Access**<br>ZTNA architecture and connectors, Application segmentation, Device posture integration | 6 hrs |
| 05 | **Data Protection and DLP**<br>Data classification and labelling, DLP policies across web and SaaS, Exact data match and fingerprinting | 6 hrs |
| 06 | **SD-WAN Integration and Operations**<br>SD-WAN to SSE connectivity, Branch and remote user onboarding, Performance and digital experience monitoring | 4 hrs |
| 07 | **Vendor Evaluation and Migration**<br>SASE capability evaluation criteria, Proof-of-concept planning, Phased migration approach | 6 hrs |
| ★ | **Capstone · SASE Transformation Blueprint**<br>Assessment, capstone review and certification | |

# The syllabus.

Modules 01–03

Module 01

## SASE and SSE Foundations

6 hours

**Hands-on lab**
Map a legacy hub-and-spoke security stack to SASE components.

TOPICS COVERED

- Drivers for converged networking and security
- SASE vs SSE definitions
- Cloud-native PoP architecture
- Single-vendor vs multi-vendor SASE
- Identity and context as foundation

Module 02

## Secure Web Gateway and FWaaS

6 hours

**Hands-on lab**
Design SWG forwarding and TLS inspection policies for a hybrid workforce.

TOPICS COVERED

- SWG traffic forwarding methods
- TLS inspection considerations
- URL and threat filtering
- Firewall as a Service policies
- Remote browser isolation

Module 03

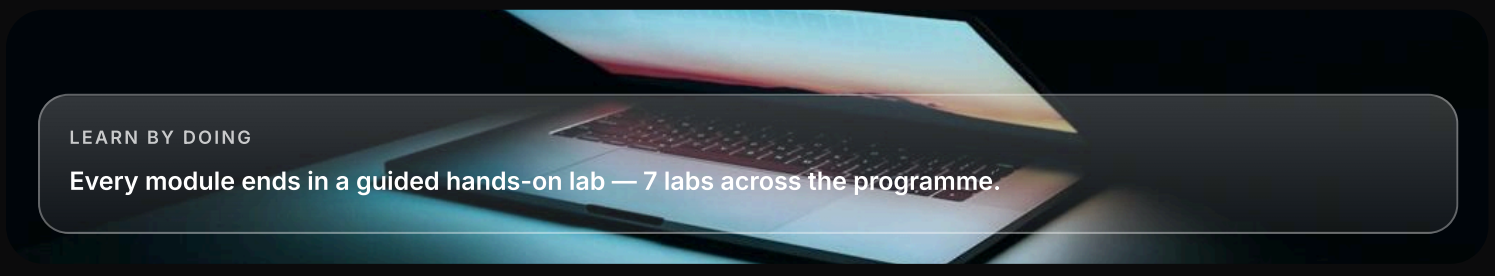
## CASB and SaaS Security

6 hours

**Hands-on lab**
Analyse sample SaaS usage logs and define CASB control policies.

TOPICS COVERED

- Inline vs API-based CASB
- Shadow IT discovery
- SaaS security posture management
- Tenant restrictions and controls
- OAuth app governance



LEARN BY DOING

**Every module ends in a guided hands-on lab — 7 labs across the programme.**

# Syllabus, continued.

Modules 04–05

Module 04

## ZTNA and Private Access

6 hours

**Hands-on lab**
Plan ZTNA access for private applications replacing a legacy VPN.

TOPICS COVERED

- ZTNA architecture and connectors
- Application segmentation
- Device posture integration
- VPN replacement strategy
- Third-party and contractor access

Module 05

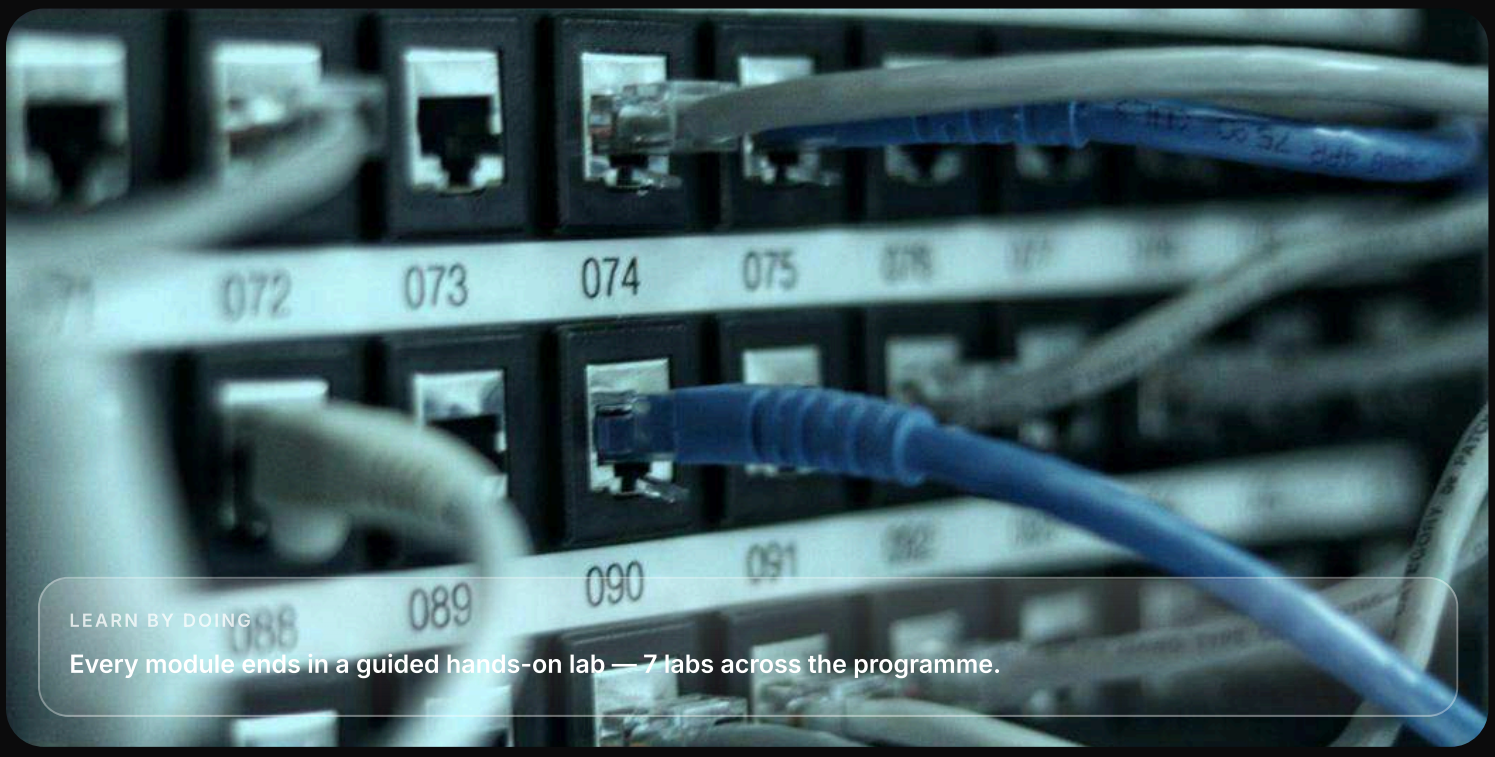
## Data Protection and DLP

6 hours

**Hands-on lab**
Write DLP policies protecting customer data across web and SaaS.

TOPICS COVERED

- Data classification and labelling
- DLP policies across web and SaaS
- Exact data match and fingerprinting
- Insider risk considerations
- DLP incident workflows




LEARN BY DOING

Every module ends in a guided hands-on lab — 7 labs across the programme.

# Syllabus, continued.

Modules 06–07

Module 06

## SD-WAN Integration and Operations

4 hours

**Hands-on lab**
Design branch connectivity from SD-WAN edges to SSE points of presence.

TOPICS COVERED

- SD-WAN to SSE connectivity
- Branch and remote user onboarding
- Performance and digital experience monitoring
- Logging and SOC integration
- Policy management and change control

Module 07

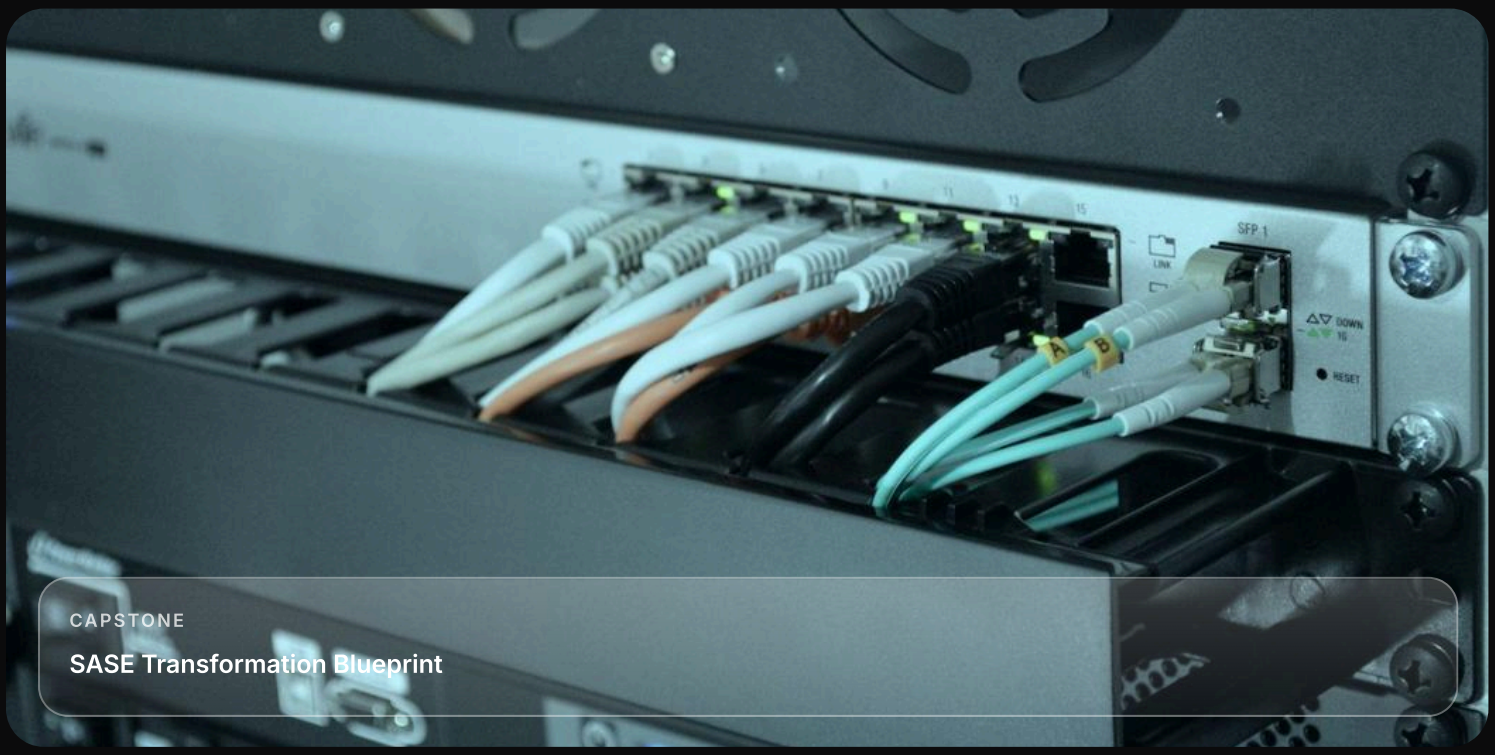
## Vendor Evaluation and Migration

6 hours

**Hands-on lab**
Build a weighted evaluation scorecard and proof-of-concept test plan.

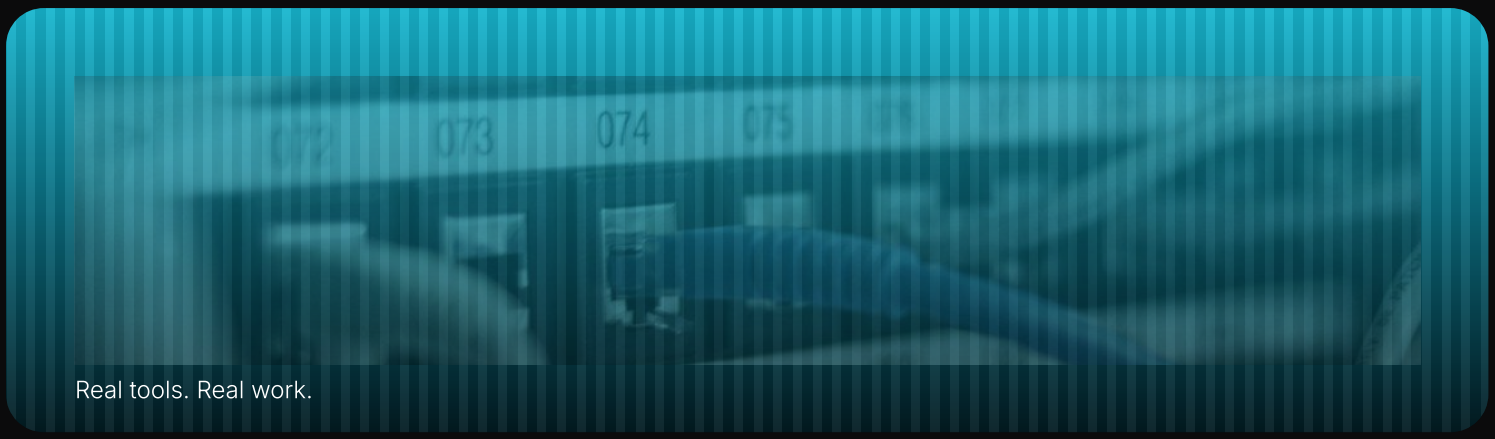
TOPICS COVERED

- SASE capability evaluation criteria
- Proof-of-concept planning
- Phased migration approach
- Operating model and skills
- Success metrics and governance



CAPSTONE

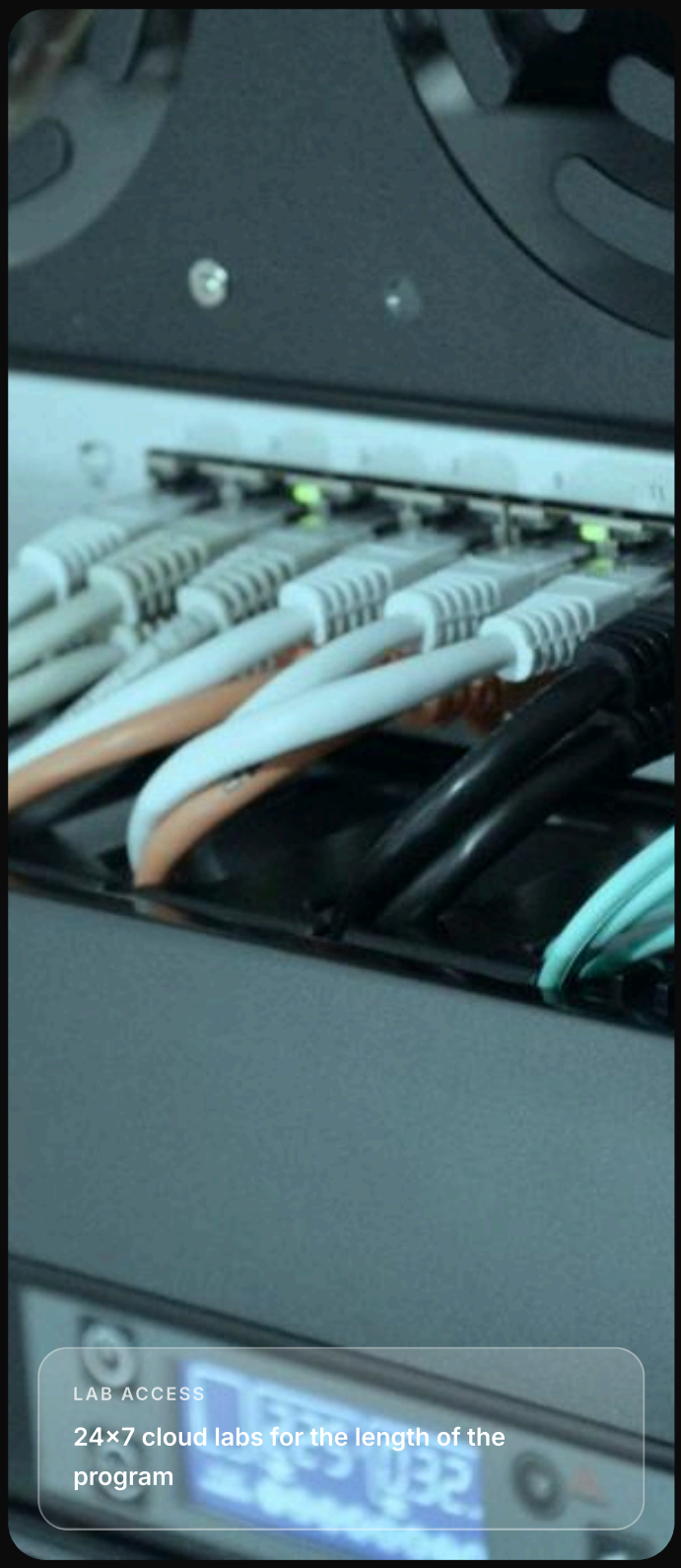
SASE Transformation Blueprint



Real tools. Real work.

What you will build

| | |
|---|---|
| Understand SASE and SSE | 01 |
| Design secure remote access | 02 |
| Use SWG, CASB and ZTNA | 03 |
| Plan SASE adoption | 04 |



LAB ACCESS

24×7 cloud labs for the length of the program

01

### Legacy Stack Assessment

Assess a case-study network security stack and map each component to equivalent SASE or SSE services.

02

### Secure Access Policy Design

Design SWG, CASB, ZTNA and DLP policies for a distributed workforce with clear business justification.

03

### SASE Evaluation Scorecard

Create a vendor-neutral evaluation scorecard and proof-of-concept test plan for selecting a SASE platform against weighted business and technical criteria.



Capstone project

# SASE Transformation Blueprint

Design a complete SASE target architecture and phased migration plan for a multi-branch enterprise, covering SD-WAN, SSE services, identity integration, data protection, operations and success metrics, presented to a review panel.

Real-world scenario ↗ Mentor review ↗ Portfolio ready ↗

Certification

# SAM-SASE

Awarded on successful completion of the program assessments.

- MCQ assessments
- Practical lab evaluation
- Project & capstone review
- Final presentation



## The SAM Learning Framework™

Scenario · Apply · Master · Mentor

**Phase 01**

### Scenario

Real-world attack and use-case scenarios open every module.

**Phase 02**

### Apply

Hands-on lab work, CTF challenges and live projects.

**Phase 03**

### Master

Assessment, peer review and certification prep.

**Phase 04**

### Mentor

Post-program career guidance and support.

DELIVERY MODELS

- Instructor-Led (ILT)
- Virtual Instructor-Led
- Self-Paced Online
- E-Learning Licensing
- Blended Learning
- Corporate Onsite
- Bootcamp Intensive

Learning path · Networking & Infrastructure

# Where this program fits.

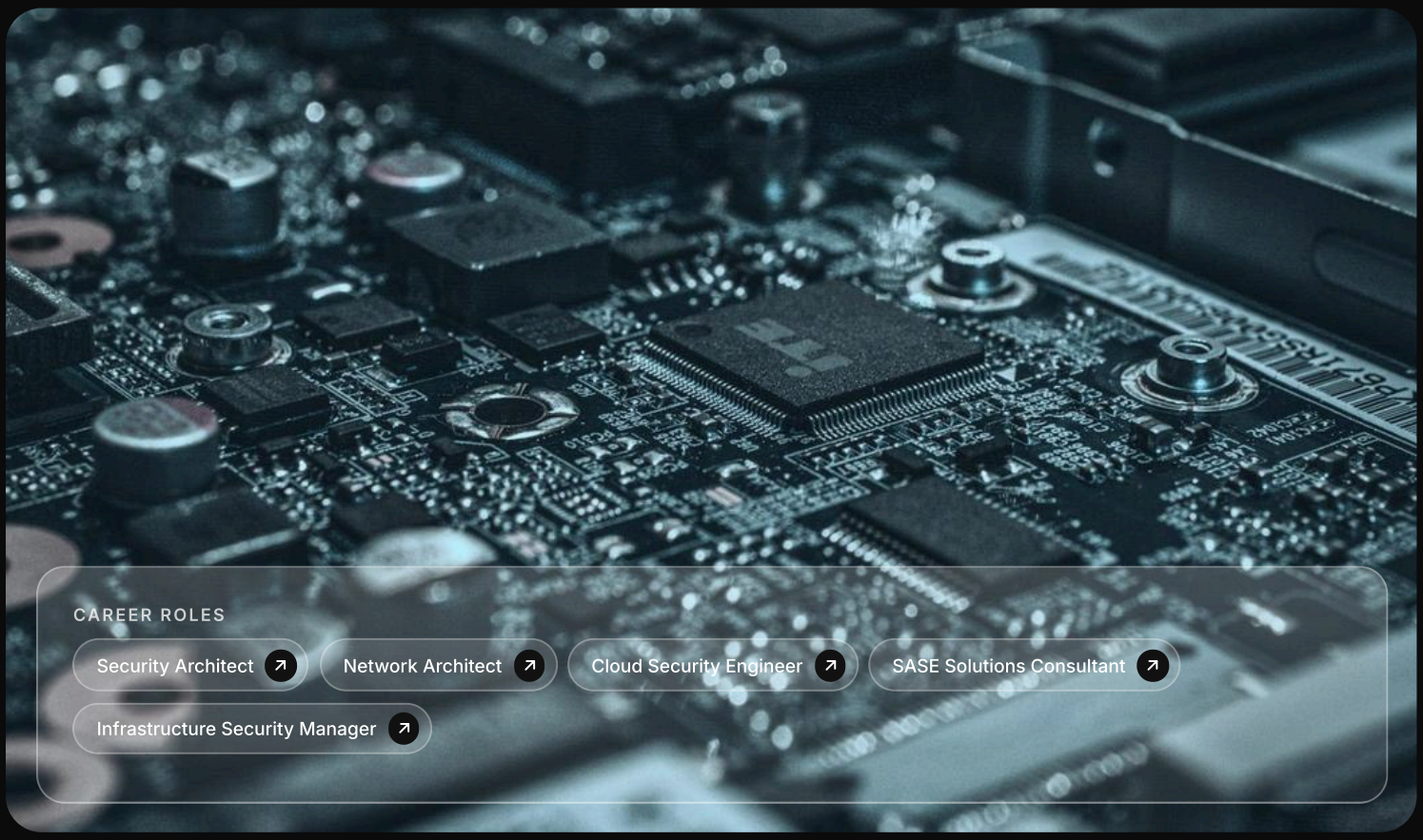
| Beginner | Intermediate | Advanced | Expert |
|---|---|---|---|
| 2 programs | 3 programs | 3 programs | You are here |

**Before this**

| | |
|---|---|
| Cisco CCIE Enterprise (Prep) | 200 Hours |
| Palo Alto PCNSE Prep | 72 Hours |
| Fortinet NSE 4–7 Track | 96 Hours |

**Up next**

The top of this pathway — explore related tracks.



CAREER ROLES

- Security Architect
- Network Architect
- Cloud Security Engineer
- SASE Solutions Consultant
- Infrastructure Security Manager

# Questions, answered.

## Q01

### Do I need prior experience to join?

Yes. This expert program assumes experience with enterprise networking, firewalls, proxies or VPNs, plus familiarity with cloud services. It focuses on architecture, design and migration planning rather than basic networking concepts.

## Q02

### How is the program delivered and scheduled?

The 40 hours program is instructor-led and delivered live virtual or blended, combining concept sessions, demonstrations and guided hands-on work. Batch timings and session frequency are confirmed with the academy team at enrollment.

## Q03

### Will I receive a certificate?

Yes. Participants who attend the required sessions and pass the program assessments, including practical tasks and a capstone review, receive the Samcommunity Academy SAM-SASE certificate for SASE & SSE Architecture.

## Q04

### What labs and tools will I have access to?

Exercises use architecture case studies, policy design workshops and vendor-neutral templates, with platform demonstrations where available. Any trial environments or templates used are shared during the program with setup guidance.

## Q05

### Is career support provided?

Yes. You receive guidance on building a portfolio from your projects, presenting skills on your resume and preparing for interviews. Career support helps you present yourself well, but job placement, interviews and salaries are not guaranteed.



Let's talk

# START SASE & SSE ARCHITECTURE.

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@samcommunity_

**Learn practical skills. Grow with mentors.**

Xylyn Samcommunity Private Limited · DPIIT-recognized startup · Surat, Gujarat, India