



# Close up the Knowledge Gap Or Get Trapped in the Technology Gap



(Course Code: CRS-Q-0025737-IT)

# NICF - IPv6 Forum Certified Engineer (Gold)

Duration: 4 Days

Accreditation Body:



Aligned to:



## OBJECTIVE

With an unceasing growth of IPv6 Internet traffic, it is important to equip engineers with advanced protocols implementation knowledge. Advanced protocols to support the future of Internet (IPv6) include MP-BGP, LISP, VRRPv3, IPv6 Mobility, IPv6 Multicasting, DHCPv6 and DNSv6.

## WHO SHOULD ATTEND

Network Engineer, Technical Support Engineer, Senior Cloud Operations Engineer, Technical Support Associate and Associate Security Administrator.

## LEARNING POINTS

- Gain advanced knowledge and hands-on practice on IPv6 networking in order to be able to design, implement, and troubleshoot IPv6 deployments.
- Build an Internet infrastructure (Competency Unit: IT-NMM-307S-1)
- Build an intranet (Competency Unit: IT-NMM-308S-1)

## COURSE OUTLINE

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|---|--|
| Module 1: IPv6 Overview                           | Module 6: IPv6 Routing Architectures for the ISP |
| Module 2: IPv6 Deployment Scenarios               | Module 7: IPv6 Multicast                         |
| Module 3: IPv6 Address Configuration Using DHCPv6 | Module 8: Mobility Services in IPv6              |
| Module 4: DNSv6 Services                          | Module 9: Security in IPv6                       |
| Module 5: First-Hop Redundancy Protocol: VRRPv3   | Module 10: IPv6 Troubleshooting                  |

## PRE-REQUISITE

Work Experience	Preferably with 1 year experience in IT industry
Prior Knowledge	Understand IP networking protocols and concepts
Literacy	Work Place Learning & Numeracy Level 5
Other Requirements & Considerations	NICF-IPv6 Foundation or IPv6 Forum Certified Silver Engineer equivalent

\* Direct enrollment into the Gold series of IPv6 Forum courses is granted based on applicant's experience

## COURSE FEE

Course Fee: \$2,200 (Inclusive of Examination)  
Funding Scheme: The Singapore Workforce Skills Qualifications (WSQ)

Type: CAT B, WSQ, External, PME (CF with AP) Eligible for SME, WTS	Non-SME	SME
Course Fee Support	50% of course fee up to \$15 per training hr + \$15 per OJT hr	90% of course fee up to \$30 per training hr + \$15 per OJT hr
Absentee Payroll	80% of hourly basic salary up to \$4.50 per training hr	80% of hourly basic salary up to \$7.50 per training hr

- All prices stated above are in Singapore Dollars (SGD).
- This funding support is only applicable for Singaporean and Permanent Residents.
- Individuals who qualified for the Workfare Training Support (WTS) Scheme, please contact Progreso Training for additional funding information.

## CONTACT US



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