



Taking up the Challenge on IPv6 or Get challenged by IPv6



(Course Code: CRS-Q-0025738-IT)

NICF - IPv6 Forum Certified Engineer (Silver)

Duration: 5 Days

Accreditation Body:



Aligned to:



OBJECTIVE

With the exponential growth of the Internet, the IPv4 addresses are being consumed rapidly and all available IPv4 addresses are expected to be exhausted by the middle of 2011. This will significantly hinder and limit the growth of the Internet and its associated economic benefits. IPv6 is the long-term solution to the issue of IPv4 exhaustion. With its 128-bit addressing capability, it will be able to offer a theoretical maximum of about 340 trillion, trillion, trillion addresses.

WHO SHOULD ATTEND

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

LEARNING POINTS

- Gain basic understanding and hands-on practice on the IPv6 protocol in order to be able to implement, configure, transition and maintain IPv6 networks.
- Install and Configure a network (Competency Unit: IT-NMM-312S-1)
- Install and Configure a router (Competency Unit: IT-NMM-313S-1)
- Install and Configure network protocols (Competency Unit: IT-NMM-315S-1)

COURSE OUTLINE

Module 1: IPv6 Overview

Module 2: IPv6 Address Structure

Module 3: ICMPV6 and the Neighbour Discovery Protocol

Module 4: Host Support for IPv6

Module 5: IPv6 Transition Mechanisms

Module 6: IPv6 Routing Fundamentals

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	Preferably with Cisco Networking Academy CCNA Discovery or Exploration

COURSE FEE

Course Fee: \$2,500 (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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