



Taking up the Challenge on IPv6 or Get challenged by IPv6



(Course Code: IPv6-CE-S)

IPv6 Forum Certified Engineer (Silver)



Accreditation Body:



DESCRIPTION

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. The IPv6 Forum Certified Engineer (Silver) touches on the general IPv6 concepts and IPv6 transition mechanisms. They are suitable for the general IT professionals who wish to have more understanding on IPv6.

WHO SHOULD ATTEND

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

OBJECTIVES

To help network designers and engineers gain basic understanding and hands-on practice on the IPv6 protocol in order to be able to implement, configure, transition and maintain IPv6 networks.

COURSE OUTLINE

Module 1: The Internet Protocol (IP) Version 6

Module 2: IPv6 Addressing Architecture

Module 3: IPv6 Internet Control Message Protocol (ICMPv6) & Neighbor Discovery Protocol

Module 4: Host Support for IPv6

Module 5: IPv6 Transition Mechanisms

Module 6: Introduction to IPv6 Routing

PRE-REQUISITE

A good knowledge of general networking concepts is assumed. IPv4 is reviewed as it is compared and contrasted with IPv6, but experience on IPv6 is not critical. Knowledge on the level of Cisco Certified Network Associate (CCNA) would be an added advantage.

COURSE FEE

Course Fee: \$1,400

Exam Fee: \$300

Duration : 2.5 + 0.5 Days

* All prices stated are in Singapore Dollars (SGD).

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