

# IPv6 Architecture and Address Planning Tutorial

**Dates:** 1st February 2022

**Location:** Tutorial

**Venue:** Online

## Synopsis

This workshop, will cover the IPv6 Protocol and Architecture as well as planning out your address space.

## Target Audience

Technical folks who are building or operating a service provider or enterprise network, and considering deploying IPv6 in their network.

## Pre-requisites

- It is assumed that the workshop participants have a working knowledge of IP Routing, are comfortable with IPv6 fundamentals (protocol basics), basic linux commands and how to use a router command line interface.
- This workshop is not an introduction. The lab exercises use Cisco CLI and Ubuntu VMs.

We recommend the following Academy courses be completed before the start of the tutorial:

- IPv6 Fundamentals (theory) - <https://academy.apnic.net/en/course/ipv6-fundamentals/>
- Routing Basics: <https://academy.apnic.net/en/course/routing-fundamentals-course/>

## Workshop Topics

- IPv6 address planning
- IPv6 protocol, addressing and architecture

## Requirements

- Nil

## Workshop Items

- [Agenda](#) (includes links to presentations and schedule)
- Instructors: Md Abdul Awal (APNIC), Azhar Khuwaja (APNIC Community Trainer)

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