# Total BGP for engineers Training

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Duration: **5 Day**

A detailed study of BGP, from the basics of how it works through to advanced issues such as route reflectors, policy, filtering, route selection and routing registries. The course culminates with a study of an industrial strength BGP template illustrating important issues such as bogon filtering. Practical hands on with routers follow the major sessions to reinforce the theory.

## Prerequisites

There are no formal prerequisite courses, just a solid knowledge of how IP works.

Delegates should be familiar with the knowledge in TCP/IP foundation for engineers and Definitive IP Routing for Engineers .

## What You Will Learn

By the end of the course delegates will be able to:

- Connect enterprises to the Internet, and ISPs to each other.
- Describe how BGP works.
- List, describe and configure the main BGP attributes.
- Implement and troubleshoot BGP.
- Work with route aggregation and calculate CIDR prefixes in seconds.
- Influence traffic paths with BGP.
- Implement and troubleshoot MPLS.