

## COURSE DETAILS

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<b>Course Code:</b>	<b>HCDP FT</b>
<b>Current Version:</b>	<b>1.0</b>
<b>Delivery Type:</b>	Instructor-led
<b>Duration:</b>	5 days
<b>Maximum Class Size:</b>	14
<b>Associated Certification(s):</b>	HCDP

## PREREQUISITES

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- Familiar with the basic knowledge of IPv4
- Familiar with router, switch and firewall
- Familiar with the working principle and configuration of routers and routing protocols
- Familiar with IGMP and PIM
- Familiar with VLAN, STP, RSTP and MSTP
- Familiar with Classification, Policing, Shaping, Congestion management and avoidance
- With the same or high level technique capability

## COURSE OBJECTIVES

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On completion of this program, the participants will be able to:

- Understand the principle of OSPF and BGP, and master the way to set up large network with OSPF and BGP based on the VRP
- Understand the principle of IGMP and PIM-SM/DM, and master the way to set up multicast network with these multicast protocols
- Master how to avoid loop in switching networks applied with STP, RSTP and MSTP
- Master how to provide transparent and isolate switching networks applied with VLAN, Mux, Super Vlan and QinQ
- Know the basic knowledge of network security
- Know function of Eudemon Series Firewall Product
- Master how to implement QoS on Huawei VRP system
- Upgrade skills such as comprehensive planning, configuring, maintaining and troubleshooting under the environment of large network

## WHO SHOULD ATTEND

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- High-standard Internet specialists such as business managerial and technical personnel of ICT
- Those who are going to learn and master how to operate Huawei routers with which to set up complex IP routing network

# Huawei Certified Datacom Professional FAST TRACK (HCDP FT) V1.0

## COURSE OUTLINE

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- Route and Switch Principle and Configuration
- MPLS Principle and Configuration
- QoS and Firewall Principle and Configuration
- Case study