

HP Education Services Course Overview

Bring Your Own Device (BYOD) Essential (H9P47ss)



This 2-day course provides a comprehensive overview about the Bring Your Own Device (BYOD) and the related technologies. High-level technology management, corporate considerations, use cases and deployment planning in applying Bring Your Own Device are introduced. Audience can learn the essential knowledge in planning corporate-wise BYOD strategies by enabling unprecedented device choices and supporting the device ownership models without compromising the security and management of the device fleet.

Why Education Services From HP?

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- Comprehensive student materials
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- State-of-the-art classroom facilities

Audience

- Decision makers, IT managers, technical managers, software developers, IT administrators who want to learn latest new technologies in planning and deploying BYOD in their workplace.

Course Title:	Bring Your Own Device (BYOD) Essential
HP Product Number:	H9P47s
Category/Subcategory:	Information Security
Course Length:	2 Days
Level:	Basic
Delivery Language:	English
To Order:	In HK, please contact HP Education Services on (852) 3070-6692 or email at hp-education.hk@hp.com or visit www.hp.com.hk/education Other countries please visit www.education.hp.com

Prerequisites

- Participants shall have basic information technology knowledge

Course Objectives

- Learn what is Bring Your Own Device?
- Explore how your organization benefit from using BYOD
- Explore the BYOD solutions in the marketplace that can work in your organization
- Discuss deployment, operations and administration models
- Discuss compliance and privacy handling
- Introduce mobile device management (MDM), application management
- Learn the BYOD technologies that address the challenges on security

Detailed Course Contents

Bring Your Own Device Fundamentals

- Defining Bring Your Devices (BYOD)
- Driving forces for BYOD
- Trends and emergence of BYOD
- Consumerization of Information Technology
- Current deployment landscape in the commercial world
- Problems addressed by BYOD technologies

Technology Overview of BYOD Solutions

- Commercial vendors integrating BYOD technologies
- Considerations on choosing BYOD solutions

Corporate Top Concerns and Management Strategies

- Compliance and regulations
- User privacy and usage history
- Data ownership and device insurance
- Securities and data breaches
- Develop and enforce Corporate policies and restrictions

Common Deployment Operation and Administration

- Unified network management and convergence
- Common deployment models and architecture
- General deployment workflow
- User profile management
- Modes of enrollment endpoint registration and tracking

BYOD Mobile Device Management (MDM)

- Automated secure device on-boarding
- Identity and user access management
- Single-Sign-On (SSO)

BYOD Application Management

- Application license management
- Application usage tracking and monitoring
- Application patch management

BYOD Security Management

- Employee privacy management
- Data security management
- Data privacy management
- Network traffic and behavior audit management
- Log management
- Data loss prevention and endpoint detection
- Virus, malware, firewall and intrusion detection
- Two factor authentication
- Encrypted communications

BYOD Remote Management

- Virtual desktop infrastructure (VDI)
- Key Players and advantages of VDI
- U3 boot device and thin client technology
- Encrypted container application on mobile device

Integrate to Your Corporate Ecosystem

- Illustration of mobile device management
- Illustration of endpoint security and data prevention

