

# HPE XP Storage Replication Management HK906S

<b>HPE course number</b>	HK906S
<b>Course length</b>	3 Days
<b>Delivery mode</b>	ILT, VILT
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This course introduces students to the HPE XP7 and P9500 disk array replication solutions. The course will cover Business Copy Full Copy, Business Copy Fast Snap Snapshots, Continuous Access Synchronous, Continuous Access Journal, and XP7 High Availability replication. Students will learn to use Remote Web Console, RAID Manager and Command View XP Advanced Edition Replication Manager to manage and monitor replication pairs. Hands-on labs will re-enforce the lectures.

## Audience

Storage administrators

## Prerequisites

HPE XP Storage Administration and Configuration (HK905S)

## Course objectives

At the conclusion of this course you should be able to:

- Understand HPE disk array replication solutions
- Understand the functionality of Business Copy and Business Copy Fast Snap Snapshots

- Configure Continuous Access Synchronous and Continuous Access Journal
- Describe and list the configuration steps for XP7 High Availability
- Understand the configuration and use of RAID Manager for managing Business Copy and Continuous Access
- Describe the use of Command View Advanced Edition Replication Manager in conjunction with Business Copy, Continuous Access, and XP7 High Availability

## Detailed Course Outline

<b>Module 1: Replication Solutions for the XP</b>	<ul style="list-style-type: none"> <li>• Business Copy</li> <li>• Business Copy Fast Snap</li> <li>• Continuous Access Synchronous</li> <li>• Continuous Access Journal</li> <li>• XP7 High Availability</li> </ul>	<ul style="list-style-type: none"> <li>• Command View Advanced Edition Replication Manager</li> <li>• Cluster solutions</li> <li>• Solutions and integrations</li> </ul>
<b>Module 2: Business Copy</b>	<ul style="list-style-type: none"> <li>• Overview</li> <li>• State and state transitions</li> <li>• Commands</li> <li>• Mirror unit tables</li> <li>• Managing cascades</li> </ul>	<ul style="list-style-type: none"> <li>• Swap and freeze</li> <li>• Host performance</li> <li>• At-time split function</li> <li>• GUI review</li> </ul>
<b>Module 3: RAID Manager for Business Copy</b>	<ul style="list-style-type: none"> <li>• Overview</li> <li>• Function</li> <li>• RAID Manager instance</li> <li>• Installation</li> </ul>	<ul style="list-style-type: none"> <li>• Configuration</li> <li>• Hitachi Online Remote Configuration Manager (HORCM)</li> <li>• RAID Manager configuration file</li> <li>• Business Copy pairs</li> </ul>
<b>Module 4: Snapshot and Fast Snap</b>	<ul style="list-style-type: none"> <li>• Overview</li> <li>• Architecture</li> </ul>	<ul style="list-style-type: none"> <li>• Installation</li> <li>• Configuration</li> </ul>
<b>Module 5: Continuous Access (CA) Synchronous and Journal</b>	<ul style="list-style-type: none"> <li>• CA concepts</li> <li>• CA synchronous operations</li> <li>• CA synchronous configuration</li> </ul>	<ul style="list-style-type: none"> <li>• CA Journal operations</li> <li>• CA Journal configuration</li> </ul>
<b>Module 6: RAID Manager for Continuous Access</b>	<ul style="list-style-type: none"> <li>• Overview</li> <li>• Configuration</li> </ul>	<ul style="list-style-type: none"> <li>• Pair commands</li> </ul>
<b>Module 7: XP7 High Availability (HA)</b>	<ul style="list-style-type: none"> <li>• Solution Topologies</li> <li>• HA Requirements</li> </ul>	<ul style="list-style-type: none"> <li>• XP7 HA setup walkthrough</li> </ul>
<b>Module 8: Replication Manager (RM)</b>	<ul style="list-style-type: none"> <li>• Features</li> <li>• Architecture</li> <li>• RM monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated pair management</li> <li>• Replication Manager Alerts</li> </ul>

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