



# HPE XP FOR COMPATIBLE PARALLEL ACCESS VOLUMES SOFTWARE

## Storage Device Management Software



### WHAT'S NEW

- HPE XP for Compatible Hyper PAV Software is now available for the HPE XP24000, XP20000, XP12000, XP10000 Disk Arrays.

### OVERVIEW

HPE XP for Compatible Parallel Access Volumes Software (PAV) and HPE XP for Compatible Hyper PAV Software enable high performance concurrent access of mainframe volumes by permitting a mainframe host system to issue multiple I/O requests in parallel to individual logical devices within the HPE XP Disk Array. Without PAV, mainframe systems can initiate only one I/O request per device at a time, and must wait for the I/O to complete before starting another I/O request to the same device. By utilizing alias addresses that all point to the same device as the base address, PAV enables

the host system to start several I/O requests simultaneously to the same device, thus greatly improving performance.

The XP Disk Array supports static PAV, dynamic PAV, and Hyper PAV. With static PAV, the number of aliases assigned to each base device does not change. With dynamic PAV, high workload base devices can borrow idle PAV aliases from other base devices, increasing their I/O capability.

## FEATURES

### Featured Characteristics

By permitting multiple paths to the same logical device, HPE XP for Compatible Parallel Access Volumes Software greatly enhances the performance of data accesses to the HPE XP Disk Array by mainframe hosts.

XP for Compatible Hyper PAV enhances the efficiency of PAV by selecting the alias IDs from a pool and binding them to base IDs only for the duration of the I/O operation. Since the pool allows fewer aliases than are required for conventional PAV, more addresses are available for use as base devices.

## Technical specifications

## HPE XP for Compatible Parallel Access Volumes Software

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**Supported hardware environment**

HPE XP Disk Arrays

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**Warranty**

HPE warrants only that the Software media will be free of physical defects for a period of ninety (90) days from delivery

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For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE POINTNEXT SERVICES

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- Operate and improve
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- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product  
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