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HEWLETT PACKARD TA806A

HP P2000 Snapshot 512 Software License to Use Manual

Model: TA806A

INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of the HP P2000 Snapshot 512 Software License to Use (Ltu). The HP P2000 Snapshot software enables the creation of point-in-time copies of data volumes, facilitating data protection and recovery operations for your HP P2000 storage array. This document is intended for system administrators and IT professionals responsible for managing HP P2000 storage systems.

SETUP AND INSTALLATION

The HP P2000 Snapshot 512 Software Ltu is a license key that activates the Snapshot functionality on your HP P2000 storage array. It is not a standalone software application that requires traditional installation files.

Prerequisites

- An operational HP P2000 G3 MSA System.
- Access to the HP P2000 Storage Management Utility (SMU) via a web browser.
- The license key provided with your purchase (e.g., on a physical card or via email).
- Network connectivity to the HP P2000 array.

License Activation Steps

1. Open a web browser and navigate to the IP address of your HP P2000 G3 MSA controller.
2. Log in to the Storage Management Utility (SMU) using your administrator credentials.
3. In the SMU interface, locate the "Configuration" or "System" section.
4. Navigate to "Licenses" or "Feature Licenses."
5. Enter the provided HP P2000 Snapshot 512 license key into the designated field.
6. Confirm the activation. The system may require a brief restart of services or a controller reboot for the license to take full effect. Consult the on-screen prompts or the HP P2000 G3 MSA System documentation for specific

instructions.

7. Verify that the Snapshot feature is now enabled and available for use within the SMU.

For detailed visual guidance, refer to the official HP P2000 G3 MSA System documentation available on the Hewlett Packard Enterprise support website.

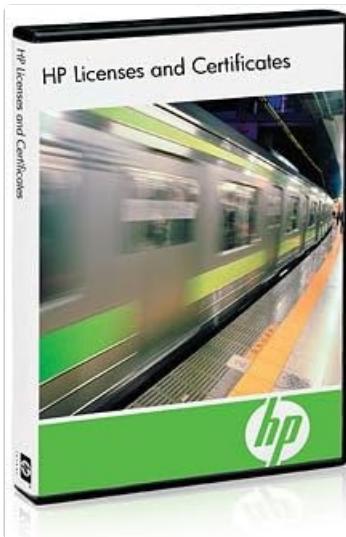


Image: HP Licenses and Certificates software box. This image represents the packaging for HP software licenses, which typically contain the license key required for activation.

OPERATING THE SNAPSHOT FEATURE

Once activated, the Snapshot feature allows you to create and manage point-in-time copies of your data volumes. These snapshots can be used for various purposes, including data backup, recovery, and testing.

Creating a Snapshot

1. Log in to the HP P2000 SMU.
2. Navigate to the "Volumes" or "Data Protection" section.
3. Select the volume for which you want to create a snapshot.
4. Choose the "Create Snapshot" or "Snapshot" option.
5. Provide a descriptive name for the snapshot.
6. Confirm the creation. The system will create a read-only, point-in-time copy of the selected volume.

Restoring from a Snapshot

1. Log in to the HP P2000 SMU.
2. Navigate to the "Snapshots" section.
3. Select the snapshot you wish to restore from.
4. Choose the "Restore" or "Rollback" option.
5. Carefully review the warning messages, as restoring will revert the original volume to the state captured by the snapshot, potentially overwriting newer data.
6. Confirm the restore operation.

Deleting a Snapshot

1. Log in to the HP P2000 SMU.
2. Navigate to the "Snapshots" section.

3. Select the snapshot you wish to delete.
4. Choose the "Delete" option.
5. Confirm the deletion. Deleting a snapshot frees up storage space.

For advanced snapshot management, including scheduling and replication, refer to the comprehensive HP P2000 G3 MSA System documentation.

MAINTENANCE

Regular maintenance ensures optimal performance and reliability of your HP P2000 Snapshot environment.

- **Monitor Snapshot Usage:** Regularly check the storage space consumed by snapshots. Excessive snapshots can impact performance and consume valuable storage.
- **Delete Obsolete Snapshots:** Periodically review and delete snapshots that are no longer needed to reclaim storage space.
- **Firmware Updates:** Ensure your HP P2000 G3 MSA system firmware is up-to-date. Firmware updates often include performance enhancements, bug fixes, and new features related to data services like snapshots.
- **Documentation Review:** Regularly consult the latest HP P2000 G3 MSA System documentation for best practices and updated maintenance procedures.

TROUBLESHOOTING

This section addresses common issues you might encounter with the HP P2000 Snapshot feature.

Common Issues and Solutions

- **Issue:** Snapshot feature is not available after license activation.
Solution: Verify that the license key was entered correctly. Ensure that the controller services were restarted or the array was rebooted if prompted during activation. Check the license status in the SMU.
- **Issue:** Cannot create new snapshots.
Solution: Check available storage space. Snapshots consume space on the storage array. If the array is near capacity, new snapshots may fail. Delete old, unnecessary snapshots.
- **Issue:** Snapshot creation or deletion takes a long time.
Solution: This can be normal for large volumes or during periods of high I/O activity. Monitor the array's performance metrics. Ensure the array firmware is current.
- **Issue:** Data inconsistency after restoring from a snapshot.
Solution: Ensure that applications accessing the volume were properly quiesced (stopped or paused) before the snapshot was taken. Restoring a snapshot without quiescing applications can lead to data corruption.

For more complex issues, consult the HP P2000 G3 MSA System Event Log and the official HP P2000 G3 MSA System Troubleshooting Guide.

SPECIFICATIONS

Feature	Detail
Product Name	HP P2000 Snapshot 512 Software Ltu
Model Number	TA806A

Manufacturer	HP (Hewlett Packard)
ASIN	B0038T2P26
Product Type	Software License to Use (Ltu)
Supported System	HP P2000 G3 MSA Systems
Snapshot Capacity	Enables up to 512 snapshots
First Available Date	February 18, 2010

WARRANTY INFORMATION

This HP P2000 Snapshot 512 Software Ltu is subject to the standard Hewlett Packard Enterprise (HPE) software license agreement and warranty terms. Specific warranty details, including duration and coverage, are typically outlined in the license agreement accompanying the product or available on the official HPE website. Please refer to your purchase documentation or the HPE support portal for the most accurate and up-to-date warranty information.

SUPPORT AND CONTACT

For technical assistance, product documentation, or further support regarding your HP P2000 Snapshot 512 Software Ltu, please contact Hewlett Packard Enterprise (HPE) support through the following channels:

- **HPE Support Website:** Visit www.hpe.com/support for drivers, documentation, and knowledge base articles.
- **Technical Support:** Refer to your service agreement for regional contact numbers or open a support case online via the HPE Support Portal.
- **Documentation:** Comprehensive manuals for the HP P2000 G3 MSA System are available on the HPE support website.

When contacting support, please have your product model number (TA806A) and any relevant license information readily available.