DATA SHEET

EMC HomeBase for VMware

Truly hardware-independent server protection, migration, and recovery solution for heterogeneous environments

The Big Picture

- Dramatically reduces the cost of VMware server availability
- Ensures accurate, fast, and repeatable production-server configuration recoveries across dissimilar servers
- Integrates easily with existing backup recovery workflow, making it easy to use and deploy
- Enables you to manage server farms through unparalleled flexibility

Today's enterprises are continuously challenged with server downtime that compromises data availability and productivity. EMC HomeBase offers an industry-leading solution with a proven history of delivering planned server migration and recovery for heterogeneous platforms.

Server recovery and migration made easy

EMC® HomeBase is a proven software solution that performs truly hardware-independent server protection, migration, and recovery solution for heterogeneous environments. HomeBase works with VMware® to provide server recovery and migration for VMware servers.

HomeBase automatically captures critical point-in-time snapshots of the server-system state on a scheduled basis. Each snapshot contains detailed server-system configuration information and is stored as a server-specific, point-in-time profile. At the time of recovery, HomeBase applies a source server's profile to the new target server hardware. This process eliminates the time-consuming and costly effort of having to reconfigure systems and applications in the event of hardware migration, failure, or disaster. HomeBase automatically accounts for hardware variances between the source and new target server.

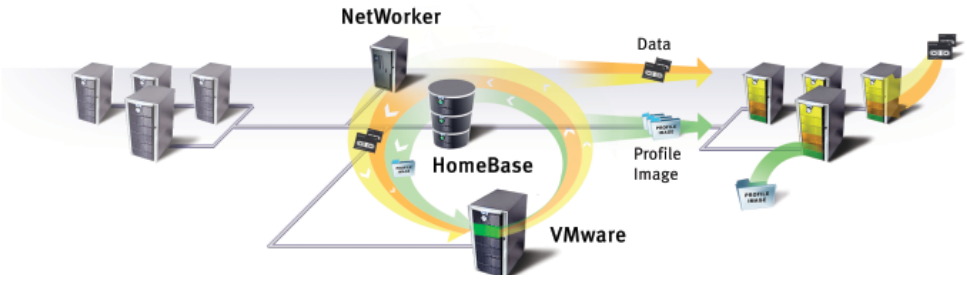
EMC HomeBase and VMware

EMC HomeBase software is complementary to VMware. HomeBase dramatically reduces the cost of server availability by redeploying amortized production servers as hot, warm, or cold recovery servers. HomeBase is designed to enable physical-to-virtual and virtual-to-physical server migrations and recoveries, in the process eliminating hardware differentiation as an issue. HomeBase and VMware work together in three easy steps:

Step 1. HomeBase captures server profiles, data, and applications.

Step 2. The physical environment is migrated by HomeBase to a virtual session.

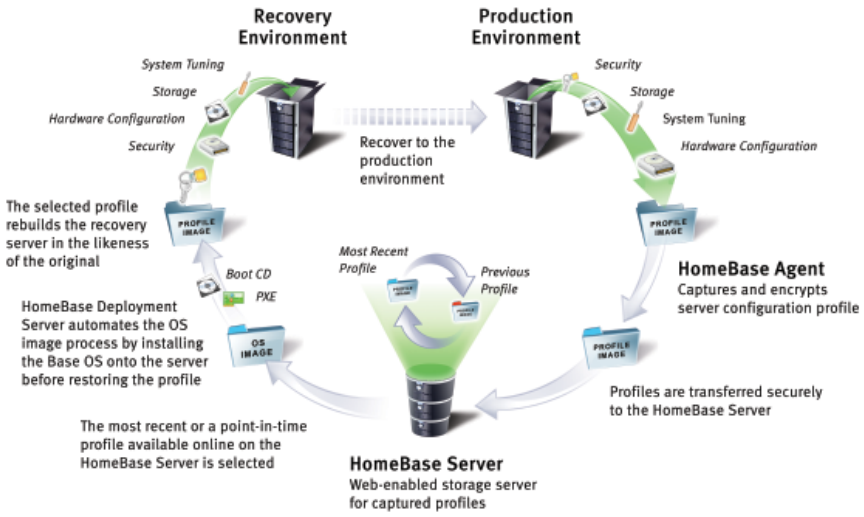
Step 3. The virtual session is recovered on to physical environment.



HomeBase and VMware work together to achieve server protection and recovery

How HomeBase works

Below are the steps that HomeBase takes to capture profiles of server-system states, store them, and then use them in a recovery or migration event.



How HomeBase works to deliver service protection and recovery

Step 1. HomeBase starts by creating production-server configuration profiles on a scheduled basis, ensuring the smallest of changes are automatically captured.

Step 2. These profiles are encrypted and automatically sent to the HomeBase server where they are securely stored.

Step 3. During a recovery, the HomeBase Differential Factoring Engine (which resides on the HomeBase Server) compares the production and recovery server profiles, and then automatically generates an optimum server configuration regardless of hardware differentiation.

HomeBase then applies the new profile to automatically configure all security, storage, networking, software, and other configuration settings on the recovery server, readying it for immediate operations. At this point, HomeBase can be used to recover many servers in parallel.

Step 4. A profile of the newly recovered system can then be taken and used for protection, completing the recovery cycle.

Why HomeBase: An innovative approach to server recovery, migration, and management

Truly hardware-independent recovery

HomeBase is a truly hardware-independent server protection, migration, and recovery solution for heterogeneous environments. It ensures fast and repeatable production-server configuration recoveries across dissimilar servers. With one command, HomeBase can recover many servers in parallel to dissimilar servers.

Non-intrusive, easy to deploy and use

HomeBase seamlessly integrates with existing backup recovery workflow, leveraging your existing backup infrastructure investment. Traditional image-based BMR solutions introduce a new workflow, requiring that a new system image be created periodically for system recovery.

Cost-effective protection

HomeBase profiles only system state–related data allowing more frequent capture and ensuring even the smallest changes are obtained for reliable recoveries. Image-based BMR product-profile images are usually very large, making it cost-prohibitive to create them every day for a large number of servers. However, not creating them every day reduces protection. With smaller profiles, HomeBase can protect hundreds of servers at a fraction of the typical cost.

Remote server recovery

HomeBase facilitates repeatable and faster disaster recovery testing by providing server-recovery automation. Replication can be used to create another copy on the remote side for automating server recovery in a disaster-recovery situation.

Asset reporting

HomeBase offers unparalleled flexibility to manage server farms. With just a few clicks, detailed and component-level reports can be generated throughout the lifecycle of servers and imported into CSV, RTF, PDF, and XLS formats for business reporting.

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Take the next step

With EMC HomeBase for VMware you'll rest assured knowing that your servers are fully protected. To find out more, visit us online at **www.EMC.com** or call **800.607.9546** (outside the U.S.: +1.925.600.5802).