

Make your business 'nonstop'

HPE Shadowbase Solution for HPE NonStop and other servers

Be ready when bad things happen

Life is full of unavoidable—and unexpected—events that can take your IT services offline. And the consequences to your business can be dire. Be prepared for serious IT outage with HPE Shadowbase.

Continuous availability of services, in one solution

As the CEO or CIO of your enterprise, you are responsible for delivering continuous business services as well as maintaining audit compliance. The speed of today's processing systems has moved classical data integration into the realm of real time. Business transactions and events need to be propagated across your enterprise as they occur, driving action, enabling new business services, and giving you competitive advantage.

And when changes are made to your IT environment—whether they affect hardware, software, data, networks, or operating procedures—there must be a process in place to maintain user access to business services. That makes “zero downtime migration” (ZDM) a key requirement for mission-critical services.

Of course, audit compliance has become an increasingly important part of most businesses as well. Failure to meet compliance requirements can result in heavy fines, or even suspension of operations. Fraudulent activity can result in significant costs if left unchecked. It is imperative that you know what data is being changed, when, how, and by whom.

Because of these various requirements, you may be looking for a flexible solution that can provide continuous availability of application services and data with no downtime, no lost transactions, no lost revenue, and no lost customers.

Today, HPE offers the Shadowbase solution running on HPE Integrity NonStop and other server platforms. The Shadowbase solution comprises several products addressing data replication and integration, ZDM, and other utilities to deliver a true 24x7 “nonstop” enterprise.

HPE Shadowbase solution for NonStop and other servers

HPE Shadowbase Data Replication software enables rapid recovery from unplanned outages in times ranging from minutes (high availability, disaster recovery) to immediate (continuous availability, disaster tolerance), with data loss measured in sub-seconds. HPE Shadowbase Data Replication software supports active/passive, sizzling-hot-takeover (SZT), and fully active/active business continuity architectures, between homogeneous and heterogeneous platforms and databases.

HPE Shadowbase Data and Application Integration software enables low-latency, real-time data replication and distribution between heterogeneous systems, databases, and applications. Changes made in any database are quickly and easily integrated in real time to target data environments to keep all environments synchronized. Critical data generated by one application is distributed to other applications, where it can be analyzed and acted upon immediately.

HPE Shadowbase ZDM software provides the means to achieve ZDM and eliminate planned and unplanned downtime. By using HPE Shadowbase ZDM software to keep backup systems current with data updates performed by production systems, backup systems can quickly be brought online when performing routine system maintenance. This allows you to continue providing business services while maintenance is being performed.

HPE Shadowbase Data Management Utilities software provides the tools to manage data replication and synchronization across heterogeneous platforms. For example, using the Shadowbase Undo utility, users can follow the “Undo Queue” in reverse time order to the initial point of corruption and reverse any corrupting changes. This can be accomplished while the application continues its processing functions, avoiding the need for an application outage while the database is restored.

HPE Shadowbase Compare software provides the ability to compare and validate that the target database matches the source database, and to provide insight into specific differences.

HPE Shadowbase software products are available for multiple platforms, including HPE NonStop servers, HP-UX, Microsoft® Windows®, Red Hat Linux distributions, Oracle Sun Solaris, and more, and support the most popular databases, including HPE Enscribe and HPE NonStop SQL, Oracle, Microsoft SQL Server, SAP® Sybase, IBM DB2, and others. So, no matter what your availability challenges are, there is an HPE Shadowbase solution available to meet them, helping to ensure your business is not the one hitting the headlines for all the wrong reasons.

High-performance, real-time operations, and zero downtime

HPE Shadowbase is a real-time data replication and integration solution that delivers the performance and reliability you need to manage your complex IT landscape. HPE Shadowbase was originally architected and built for HPE NonStop, which offers high availability, massive linear scalability, and the ability to keep pace with growth and complexity.

Delivering both performance and reliability, HPE Shadowbase achieves very low latencies under extreme workload volumes. With its modular architecture, it provides solutions to a wide range of customer challenges like continuous availability, including active/active asynchronous and synchronous (available in a future release) deployments, instant data distribution, and zero downtime migrations and upgrades.

HPE Shadowbase has proven to be successful in the most demanding industries, such as finance, communications, manufacturing, and healthcare for mission-critical use cases.

Find out how HPE Shadowbase Suite can help you be ready for anything.

Learn more at hpe.com/info/nonstop-continuity



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