HP and Solution-Soft

Time Machine

Mitigate risk and speed up application roll-out and platform migrations
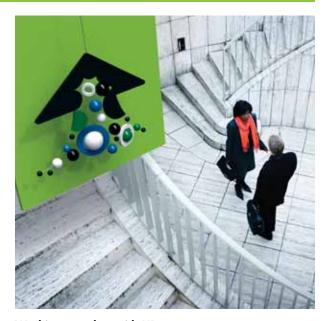
Managing date and time testing

Financial organizations deploying, upgrading or modifying their applications all perform critical date-based testing. Without comprehensive testing they have no guarantee their system will operate as expected when date-triggered events occur, which could have grave financial consequences.

Time Machine – a system-date virtualization tool

Time Machine facilitates testing and simulation of specified system dates and times without modifying or resetting the system clock. This allows applications and users to run under any defined future date, past date or time zone desired while the underlying system time remains unchanged. Time Machine proves itself as a powerful tool for performing "what-if" testing for HP-UX, Linux and Microsoft® Windows® environments. It can simultaneously provide multiple virtual clocks for both group and user level time offsets. It is also a must solution for Active Directory and Kerberos environments. The software has been widely adapted by global financial organizations including 40 of the Fortune 100 companies.

Solution benefits

- Facilitates faster application roll-outs and system migrations
- Mitigate risks for mission-critical application failures
- Boosts Quality Assurance team productivity
- Only solution for Active Directory or Kerberos date-based testing
- Accurate, effective date testing

Working together with HP

With a rich heritage in the financial services industry that spans more than three decades, HP holds a significant presence in the top 200 banks, the top 50 brokerages, over 130 of the world's major stock and commodity exchanges, and the top 25 insurers. Renowned for leadership and innovation, HP has an excellent track record of designing, implementing and supporting technology environments that enable financial institutions to optimize their business outcomes. With unique standing in today's marketplace, the HP Business Technology solutions portfolio of products, software and services enables financial institutions to prepare for the future by accelerating business growth, increasing operational efficiency and reducing risks.

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Effective date testing

Using Time Machine saves valuable time and resources for especially complex enterprise resource planning (ERP) or customer relationship management (CRM) application deployments such as SAP R/3, Oracle® Financials, Siebel or any other application. Time Machine's ability to set any application to run under its own virtual clock provides an exceptionally powerful capability for development, testing and training. One developer can be developing and testing on leap-year rollover issues, while another works on month-end processing spanning five years, and another works on current-time development. Resetting a system clock is not possible in a secure environment such as Microsoft's Active Directory and UNIX® Kerberos. With Kerberos, there is a requirement that any machine connected to the network must have its system clock synchronized to within five minutes of the Domain Controller's clock. Systems with the wrong time cannot login to the network to perform date testing. Time Machine overcomes this issue by allowing the user logins to see the current time while their test applications can run any desired virtual time.

HP products supported

Our solutions are supported on a broad range of HP servers across both RISC and/or Intel® architectures. From blades and clustered servers to high-powered, 64-bit, multi-processor super-computing, HP servers set the standard for performance, scalability, availability and manageability. With their industry-leading innovation and value, HP servers are the ideal choice to meet your most demanding business needs.

HP software

Our solutions leverage the HP software portfolio of management solutions, providing the intelligent tools you need to ensure that business-critical data and services are delivered on time, all the time. With HP solutions, you gain a new level of insight and control to increase the performance of your infrastructure, anticipate and correct problems before they become critical, automate and manage change in real time, and keep your data secure.

Operating systems supported

Our solutions are optimized for Microsoft Windows environments. By working with HP, we can leverage its experience with more than 11 million deployments of Microsoft Windows 2000/2003/XP seats, and over 1400 Microsoft .NET projects, to deliver a complete Microsoft Windows-based solution. With this extensive Microsoft Windows expertise, you can be sure our solutions will be implemented with the highest quality, in less time and at the best cost.

Service and support

Working with HP Services, we provide you with a complete portfolio of services tailored to your unique business and IT needs. We leverage the proven methodologies and expertise of over 65,000 HP Services professionals around the world to help your company design, build, integrate, manage and evolve an infrastructure that lets you respond to business changes easily and cost-effectively.

Building on the value of strong relationships

By working with HP, we have the resources, experience and knowledge of an industry leader to ensure our solution delivers the business results and value your company requires. HP is a company that thrives on innovation, with a proven track record of success in virtually every market, customer segment and region worldwide. Together, we have the technology and services to meet your most demanding needs.

Solution-Soft, the leading provider of Intelligent Data Optimization (IDO) solutions, develops highly-reliable storage and system management solutions for corporate data centers and infrastructure solution providers. Solution-Soft boasts more than 2000 domestic and international customers including 40 of the Fortune 100 companies.

Working together to drive success

By combining standards-based and modular technologies with our leading-edge applications and a full portfolio of services, you gain a powerful, flexible solution that meets your business needs today—and adapts dynamically as those needs change. That's the foundation for building an agile, responsive enterprise to drive better business outcomes for your long term success.

Technology for better business outcomes

To learn more, visit www.hp.com
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