



Solution-Soft

# NEWSLETTER

QUARTER 1 2021

## NEW RELEASE

TIME MACHINE SIDECAR CONTAINER FOR KUBERNETES &amp; OPENSIFT CONTAINER

**kubernetes OPENSIFT**

## **Solution-Soft Announces Availability of Time Machine® Sidecar Container for Kubernetes and Red Hat Openshift**

**Press Release: Monday, February 8, 2021**

SolutionSoft Systems Inc, the Leader in Virtual Clock and Time Shift Testing today announced that Time Machine Sidecar Container is now available. A pod level virtual clock and non-root sidecar approach makes enterprise level Kubernetes and Red Hat Openshift time travel and deployment a breeze. Time Machine for Kubernetes and Red Hat Openshift is implemented as a non-root sidecar container to be placed inside a pod to provide the pod with virtual clocks to time travel all the containers within the pod as a whole.

[Learn More](#)

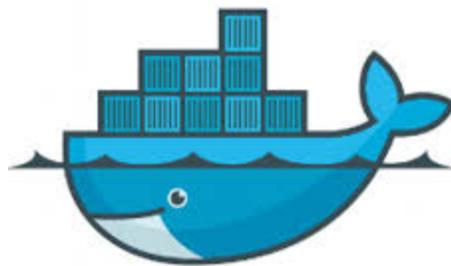
Random Acts of Kindness Day is celebrated on February 17th. The creation of this day is to make the world a better place by spreading little light around. It's a day to engage in acts of kindness just because.

UNEXPECTED  
KINDNESS IS THE  
MOST POWERFUL,  
LEAST COSTLY, AND  
MOST UNDERRATED  
AGENT OF HUMAN  
CHANGE.

BOB KERREY

## WHITE PAPER

USING TIME MACHINE® SIDECAR CONTAINER TO TIME TRAVEL AN OPEN SHIFT POD



## Using Time Machine Sidecar Container to Time Travel an Openshift Pod

**White Paper: Friday, January 22, 2021**

Time Machine Sidecar enables time travel of containers running in Kubernetes/OpenShift pods. To time travel a pod where your application is, it is required to add a Time Machine sidecar container to that pod, without the need of changing the container image of the application you're using. Time travelling is done on the pod level (regardless of the number of containers running in the pod), where all the containers see the same virtual time (only one virtual clock can exist per pod at the same time).

[Learn More](#)

## BLOG POST

TIME MACHINE AND AWS MARKETPLACE



## Time Machine Management Node is Available on AWS Marketplace

**Blog Post: Wednesday, March 3, 2021**

The latest image has been published by AWS in its marketplace for easy access to manage your Time Machine for enterprise environment or Time Machine sidecar container for Kubernetes/OpenShift environment.

[Learn More](#)

# HISTORY MONTH

*Honoring the contributions of women*

**Women's History Month is a celebration of women's contributions to history, culture and society and has been observed annually in the month of *March* in the United States since 1987.**

## PRESS RELEASE

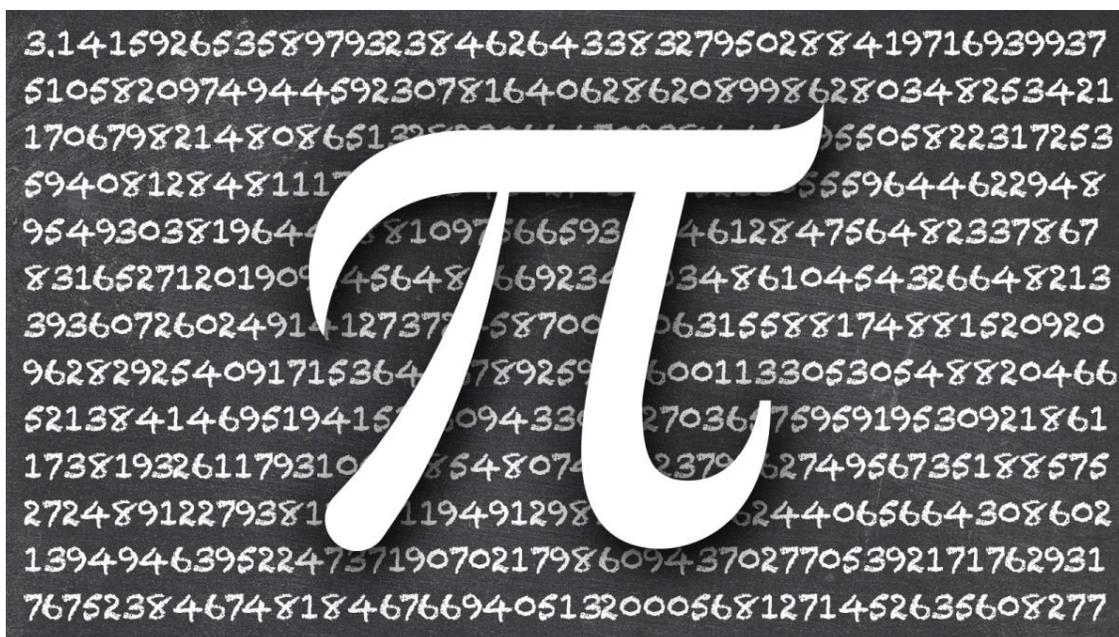
NEW CONNECT REPORT ENHANCEMENT FOR TIME MACHINE ENTERPRISE MANAGEMENT CONSOLE

## Solution-Soft Announced New Connect Report Enhancement for Time Machine Enterprise Management Console

**Press Release: Friday, March 26, 2021**

The new enhancement release of connection report capability enables TMEMC to manage hundreds of Time Machine instances with ease. The administrator and tester now can manage a large volume of Time Machine instances at his fingertips efficiently and accurately and can be freed up to take care of other pressing tasks.

Suite of Products installed on systems across the enterprise, on premises, or in the Cloud. It comes with the same ease-of-use GUI. It also provides enterprise security and audit trail to authenticate user identity and to record virtual clock actions for auditing or troubleshooting which is vital for the enterprise.

[Learn More](#)

Pi Day is an annual celebration of the mathematical constant  $\pi$ . Pi Day is observed on March 14 since 3, 1, and 4 are the first three significant digits of  $\pi$ .

## BLOG POST

HOW TO TIME TRAVEL IN A RED HAT OPENSIFT AND KUBERNETES CONTAINER ENVIRONMENT

# How to Time Travel in a Red Hat Openshift and Kubernetes Container Environment

**Blog Post: Thursday, February 11, 2021**

It is a big trend to migrate application architecture and workloads into Red Hat® OpenShift® and Kubernetes container environments to take advantage of its light-weight footprint, flexibility, scalability, and reliability.

When it comes to testing within Red Hat Openshift and Kubernetes environment, how to time travel is an even bigger challenge than traditional environments as there could be hundreds of containers running dynamically within a cluster.

Date and time sensitive logic, such as month-end, quarter-end, year-end processing, expiration/deadline dates, and new regulations date, still require time travel to such time trigger dates to test among the containers.

How to do it at all and be able to automate is a hard nut to crack. Read our blog to learn about the new Time Machine Sidecar Container.

[Learn More](#)



## At Solution-Soft, customer projects delivered on-time is our #1 priority!

**We pride ourselves on providing outstanding Customer Service and Support and are thrilled with all of the positive feedback we get from our customers.**

**Scroll down to read some recent Customer Testimonials below.**

"We went with Time Machine [to solve issue with time shift testing scripts] and it has been working very well for us. We have the ability to change the date/time across all the components specific to an environment. Executing time/shifts, troubleshooting issues, deployments etc. has been very smooth. We are currently using Time Machine in three Test Environments and One Development Environment, and are very happy with the current setup."

*- Project Manager, Largest North Carolina Government Agency*

"Thank you Time Machine for solving the glitch in a new implementation. For all new projects moving forward, Time Machine will be used as a standard (versus manually setting the clock) for our testing requirements, ultimately this will satisfy our clients' needs" \*

*- Platforms & Infrastructure Service Delivery Lead, Accenture UK / Largest UK Government*

"Thanks again for everyone's help, Solution-Soft team! We are making good progress and, as always, you are providing great and timely support."

*- Application Architect, Medavie*

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**Keep up to date on all your Time Shift Testing needs for a chance at a shout out!**



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marketing@solution-soft.com

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Solution-Soft · 2350 Mission College Blvd Ste 777 · Santa Clara, CA 95054-1561 · USA

