



Recovery Simulator and CloneManager from Cristie Software now orderable through Passport Advantage

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At a glance

Recovery Simulator from Cristie Software V3.1.0 products:

- Provide organizations with peace of mind by giving them the ability to test that their data can be recovered reliably in the event of a potential disaster.

CloneManager from Cristie Software V2.1.0:

- Provides ability to do server migrations to and from physical, virtual and cloud environments.
- Includes the optional CloneManager Sync from Cristie Software product to synchronize source and target servers without having to do a full clone.

Overview

Recovery Simulator from Cristie Software V3.1.0 products provide an easy-to-use, automated software solution that tests whether a system can be successfully recovered from backups stored in IBM® Tivoli® Storage Manager following a drive failure, system crash, or total site loss. This allows users to automate vital disaster recovery testing throughout the year, at minimal cost, as well as providing confidence that their system backups will recover reliably.

- Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager, an automated add-on for Cristie Bare Machine Recovery for IBM Tivoli Storage Manager, tests whether a machine can be successfully recovered from the backups created by IBM Tivoli Storage Manager.
- Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments provides similar capability for backups created by Tivoli Storage Manager in virtualized environments.

These recovery simulation products allow users to automate disaster recovery testing throughout the year at minimal cost, and give them more reliable system backup recoveries.

CloneManager from Cristie Software V2.1.0 enhances the IBM portfolio in the areas of cloud and data mobility through its server migration capabilities.

- CloneManager enables the migration of servers in real-time (live) environments to physical, virtual, or cloud platforms with either similar or dissimilar physical hardware.
- CloneManager can help cloud and managed service providers migrate their customer's machines from their existing data centers.

- CloneManager is also well suited for enterprise customers who require server refreshes, migrations, data center moves, and data center consolidation.
- CloneManager Sync from Cristie Software is an optional component, which can periodically synchronize both target and source machine to create a standby at another location.

Recovery Simulator from Cristie Software and CloneManager from Cristie Software can now be ordered through Passport Advantage®.

Key prerequisites

Bare Machine Recovery for Tivoli Storage Manager is a prerequisite for Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager.

IBM Tivoli Storage Manager for Virtual Environments is a prerequisite for Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments.

Planned availability date

October 10, 2014: General availability

Description

Recovery Simulator from Cristie Software V3.1.0 products test whether a system can be successfully recovered from backups stored in IBM Tivoli Storage Manager after a drive failure, system crash, or total site loss.

Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager:

- Provides demonstrable evidence of data and application recoverability for recovery compliance purposes.

Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments enables users to perform a variety of testing, mining, and analytics actions on their data, virtual machines, and applications.

Recovery Simulator from Cristie Software V3.1.0 products also provide:

- An easy-to-use and automated add-on to Tivoli Storage Manager and Cristie Bare Machine Recovery for Tivoli Storage Manager products.
- Ability to test whether a machine can be successfully recovered from Tivoli Storage Manager and Cristie Bare Machine Recovery for Tivoli Storage Manager backups.
- Automatic creation of a virtual machine to test the recovery process.
- Success and failure reporting that is automatically emailed to nominated personnel.
- Confirmation that your system backups will recover reliably.
- Simulations on multiple servers.
- Token-based usage pricing metric (one-time use per token)

CloneManager from Cristie Software V2.1.0, which includes the optional CloneManager Sync from Cristie Software, enhances your portfolio in the areas of cloud and data mobility through its server migration capabilities.

- CloneManager from Cristie Software live environment allows users to remotely create and mount identical snapshots of live systems to be recreated on target machines.
- CloneManager console's interface with drag and drop functionality helps provide a streamlined and user-friendly way to clone or migrate businesses servers.
- CloneManager creates copies of running machines.
- CloneManager source and target machines can be physical, virtual, or cloud; cloud platforms currently supported include VMware vSphere, VMware vCLOUD, and Microsoft™ Hyper-V.
- CloneManager is an optimized transport mechanism for copying machines.
- CloneManager features:
 - Agentless option so that no software needs to be installed on the source machine.
 - CloneManager Sync from Cristie Software feature allows for live periodic synchronizations between the target and source machines without having to repeat a full migration process. Only data that has changed since the original cloning process is copied.
 - Quicker transfers of data from source to target machines, even for those with large amounts of data or a low bandwidth connection.
 - Scheduling automates how frequently machines are cloned.
 - Real-time clones are created from live running machines.
 - Disk selection users select only the relevant disks and volumes to be cloned.
 - The configurations include-a range of options, such as the host name and IP address, that can be specified or changed on the target machine during the migration process.
 - Discovery and tailoring helps correctly size the target machine based on an analysis of the source machine.
 - Reporting and migration auditing event notifications are emailed to the user.
 - Batch clones multiple concurrent migrations can be managed simultaneously.

CloneManager Sync from Cristie Software is an optional component of CloneManager, which can periodically synchronize both target and source machine to create a backup at another location and without having to repeat a full clone process. CloneManager Sync is for CloneManager users and has a unique part number and price from CloneManager from Cristie Software.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Program number

Program number	VRM	Program name
5725-s25	3.1.0	Recovery Simulator from Cristie Software
5725-s26	2.1.0	CloneManager from Cristie Software

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage website

<http://www.ibm.com/software/passportadvantage>

Publications

No publications are shipped with these programs.

For **Recovery Simulator from Cristie Software**, refer to

<http://www.cristie.com/products/recovery-simulator/>

For **CloneManager from Cristie Software**, refer to

<http://www.cristie.com/products/clonemanagertm/>

Technical information

Specified operating environment

Hardware requirements

For **Recovery Simulator from Cristie Software**, refer to

<http://www.cristie.com/products/recovery-simulator/>

For **CloneManager from Cristie Software**, refer to

<http://www.cristie.com/products/clonemanagertm/>

Software requirements

Cristie Bare Machine Recovery for Tivoli Storage Manager is a prerequisite for Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager.

IBM Tivoli Storage Manager for Virtual Environments is a prerequisite for Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments.

For other requirements for the Recovery Simulator products from Cristie Software, refer to

<http://www.cristie.com/products/recovery-simulator/>

For requirements for CloneManager from Cristie Software, refer to

<http://www.cristie.com/products/clonemanagertm/>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging

These offerings are delivered through the Internet. There is no physical media. This program, when downloaded from a website, contains the applicable Cristie Software license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

http://www.ibm.com/partnerworld/page/svp_authorized_portfolio

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

<http://www.ibm.com/partnerworld/wps/bplocator/>

Product group: IBM Storage Management

Product category: Bare Machine Recovery

Product Identifier	Description	PID number
Recovery Simulator from	Cristie Software	5725-S25
CloneManager from	Cristie Software	5725-S26

Passport Advantage

Program name/Description	Part number
Recovery Simulator from Cristie Software (5725-S25)	
Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager per token (50 pack) 3rd party offering	D1A96LL
Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments per token (100 pack) 3rd party offering	D1A97LL
CloneManager from Cristie Software (5725-S26)	
CloneManager from Cristie Software per token (10 pack) 3rd party offering	D1A98LL
CloneManager Sync from Cristie Software per token (100 pack) 3rd party offering	D1A99LL

Charge metric

Program name	Part number or PID number	Charge metric
Recovery Simulator from Cristie Software	5725-S25	Tokens (sold in packs)
CloneManager from Cristie Software	5725-S26	Tokens (sold in packs)

Pricing definitions

- **Token** means the electronic signature collected from the Token Manager, which provides authorization for a single Recovery Simulator, CloneManager, or CloneManager Sync operation to run.
- **Token Manager** means the service that is installed on a machine to which Software License Keys are applied to increase the number of available tokens and from which Recovery Simulator, CloneManager, and CloneManager Sync tokens are consumed by source machines.
- **Software License Key** means the mechanism that enables the customer to install and use the software subject to the restrictions set out in the Cristie End User License Agreement and may be a digital key, a file or any other mechanism used by Cristie for license activation purposes. The Software License Key specifies the number of Recovery Simulator, CloneManager, and CloneManager Sync tokens purchased.
- **Clone** means to move or copy an operating system from one machine to another.
- **CloneSync** means to update a previously cloned target machine to a more recent image of the source machine.
- **Source Machine** means the machine that contains the operating system and applications that the customer desires to move or copy onto another machine.
- **Target Machine** means the machine that receives the operating system and applications, whether in the form of a physical machine without an operating system or a physical machine, which is running a virtual operating environment.

Pricing examples

Scenario 1

A customer wishes to acquire Recovery Simulator from Cristie Software for Bare Machine Recovery for IBM Tivoli Storage Manager for their environment, which has 14 physical source machines. The customer wants Cristie Recovery Simulator for semi-annual tests of their disaster recovery solution and must purchase 1 pack of 50 one-time use tokens to cover their estimated annual usage of 28 tokens (14 machines x 2 semi-annual tests) = 28 tokens with 50 per pack = 0.56 packs, rounds up to 1 pack of 50).

Note: Tokens never expire, so in this scenario, the remaining tokens could be used in the subsequent year.

Scenario 2

A customer wishes to acquire Recovery Simulator from Cristie Software for IBM Tivoli Storage Manager for Virtualized Environments for their environment, which has 25 virtual machines. The customer wants Cristie Recovery Simulator for semi-monthly tests of their disaster recovery solution. The customer must purchase 1 pack of 100 one-time use tokens to cover their estimated annual usage of 50 tokens (25 machines x 2 semi-annual tests = 50 tokens with 100 tokens per pack = .5 packs, rounds up to 1 pack of 100).

Note: Tokens never expire, so in this scenario, the remaining tokens could be used in the subsequent year.

Scenario 3

A customer wishes to acquire CloneManager from Cristie Software for their move to a new data center, which involves 10 physical machines and 20 virtual machines. The customer must purchase 3 packs of 10 one-time use tokens (10 physical machines + 20 virtual machines = 30 total machines with 10 tokens per pack = 3 packs of 10).

Scenario 4

A current CloneManager from Cristie Software customer wishes to acquire CloneManager Sync feature for CloneManager from Cristie Software to do monthly

live synchronizations of their 15 servers that have been migrated through CloneManager from Cristie Software. The customer must purchase 8 packs of 100 one-time use tokens (15 cloud servers x 52 weeks = 780 tokens with 100 tokens per pack = 7.8 packs, rounds up to 8 packs of 100).

Note: Tokens never expire, so in this scenario, the remaining tokens could be used in the subsequent year.

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

This product is only available via Passport Advantage.

Licensing

Supplier's license terms apply.

Limited warranty

Not warranted by IBM. Warranty, if any, provided by supplier.

Volume orders

Not applicable

Educational allowance

No. Special education prices are available through Passport Advantage.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

IBM Electronic Services

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support, all at no additional cost to you.

Now integrated into the base operating system of AIX® V5.3, AIX V6.1, and AIX V7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type `smitty esa_main`, and select Configure Electronic Service Agent. In addition, ESA now includes a powerful web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

<http://www.ibm.com/support/electronic>

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the symptoms, diagnosing the error, and manually calling IBM Support to open a problem record. Its 24x7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely transmits via either the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide you a single point of exit from your site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into your system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by you and IBM. Your business applications or business data is never transmitted to IBM.

More accurate reporting: Because system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, you are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

Customized support: Using the IBM ID entered during activation, you can view system and support information in the My Systems and Premium Search sections of the Electronic Support website at

<http://www.ibm.com/support/electronic>

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with your IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, you are able to see search results that apply specifically to your systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

Prices

For Passport Advantage information, visit

<http://www-01.ibm.com/software/howtobuy/passportadvantage/>

For all local charges, contact your IBM representative.

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available at

<http://www.ibm.com/software/passportadvantage>

AP distribution

Country/Region	Announced
AP IOT	
ASEAN*	Yes
India/South Asia**	Yes
Australia	Yes
People's Republic of China	Yes
Hong Kong S.A.R of the PRC	Yes
Macao S.A.R of the PRC	Yes
Taiwan	Yes
South Korea	Yes
New Zealand	Yes
Japan IOT	
Japan	Yes

* Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam

**Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and Afghanistan

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