IBM Flex System V7000 新規 SSD およびインディケーター・フィチャーの発表

レターの一部は、英語で記載されています。

ハイライト

IBM Flex System™ V7000 Storage Node は、パワフルなブロック・ストレージ・システムであり、IBM® PureFlex™ System と IBM Flex System インフラストラクチャーを統合して、非常に迅速なストレージ導入と画期的な管理の容易性を実現するように設計されています。Flex System V7000 の特長は次のとおりです。

- IBM® Storwize® V7000 の業界屈指のストレージ仮想化機能および効率性を土台に構築されています。
- 高度なストレージ・テクノロジー (シンプロビジョニング、自動階層化、外部ストレージ仮想化、リアルタイム圧縮、クラスター化、レプリケーション、および次世代 GUI を含む) を特色とします。
- 8 Gb ファイバー・チャネル (FC) 、10 Gb イーサネットをサポートして、Fibre Channel over Ethernet (FCoE) および iSCSI ホスト接続をサポートします。
- 筐体当たり最大 24 個の 2.5 インチ SAS ドライブ、ニアライン・ドライブ、および SSD の任意の組み合わせをサポートします。
- 860 個のドライブおよびクラスター化システム当たり 960 個のドライブまで拡張可能です

製品の概要

IBM Flex System V7000 Storage Node は、IBM PureFlex System および IBM Flex System 用の統合ストレージ・システムであり、高性能、高機能、高可用性、およびモジュラー式で拡張が容易なストレージ容量を実現するように設計されています。IBM PureFlex System および IBM Flex System は、複数のサーバー・アーキテクチャー、ネットワーキング、ストレージ、およびシステム管理機能を、デプロイおよび管理しやすい単一のシステムに統合します。

IBM PureFlex System および IBM Flex System には、プロビジョニングを迅速化して回復力を強化するために、サーバー、ストレージ、ネットワーキングの仮想化サポートが組み込まれています。さらに、これらの製品は、複数のオープン・インダストリー・スタンダード、オープン・システム・管理プロトコルをサポートして、既存のデータ・センター環境にも将来のデータ・センター環境に拡張しやすくなります。IBM PureFlex System および Flex System は、拡張性に優れ、複数世代のアップグレードによって IT 投資を保護し、投資の価値を最大限に高めます。
800 GB 2.5 インチ SSD が Flex System V7000 用に提供されるようになっています。この新しい SSD により、Flex System V7000 で以前に提供されていた最大規模の SSD の容量が倍増します。
主要前提条件

Flex System V7000 Storage Node には、以下が必要です。

- Flex System V7000 基本筐体（オプションで Flex System V7000 または Storwize V7000 拡張筐体を接続可能）
- Flex System V7000 ソフトウェア・バージョン 6.4 以降。このソフトウェアは、Flex System V7000 ソフトウェア・ライセンスの取得によって使用を許諾されます。
- Flex System Enterprise Chassis（Flex System V7000 をノードとしてサポートするために必要なすべてのコンポーネントを含む）、および Flex System V7000 と共に構成される接続オプションをサポートするスイッチ・モジュール。

Planned availability date

December 6, 2013

Description

The IBM Flex System V7000 Storage Node is a powerful block storage system designed to integrate into the IBM PureFlex System or IBM Flex System infrastructure for extremely rapid storage deployment and breakthrough management simplicity. By enabling virtualization, consolidation, and tiering in businesses of all sizes, it is designed to improve application availability and resource utilization. Flex System V7000 offers easy-to-use, efficient, and cost-effective management capabilities for both new and existing storage resources in the IT infrastructure. This storage system combines no-compromise design along with virtualization, efficiency, and performance capabilities.

IBM Flex System V7000 Storage Node is built on the industry-leading storage virtualization and efficiency capabilities of IBM Storwize V7000, including:

- IBM System Storage® Easy Tier® for automated SSD optimization
- IBM Real-time Compression™ for data footprint reduction with physical and logical integration into IBM PureFlex System or IBM Flex System

IBM Flex System V7000 helps simplify and speed deployment of IBM PureFlex System and IBM Flex System, providing superior integration of server and storage management to automate and streamline provisioning for greater responsiveness to business needs and lower overall cost. Speed time to value with:

- Integration by design: Automates deployment with integration into IBM PureFlex System or IBM Flex System infrastructure for deployment in minutes, not weeks.
- Simplified experience: Simplifies management with an integrated, intuitive user interface for ease of use and faster system accessibility to increase administrative efficiency and simplicity.
- Built-in expertise:
  - Virtualized storage: Virtualizes third-party storage for investment protection and nondisruptive migration of the current storage infrastructure.
  - Optimized performance and costs for mixed workloads: Optimizes SSD usage with Easy Tier for increased performance of up to 3 times more throughput with only 5% flash storage in the configuration as compared with an all-disk configuration.
Accessibility by people with disabilities

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


Product number

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<th>Description</th>
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Publications

No publications are shipped with the announced products.

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Select your country, and then select the product as the category.

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No cables required.

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This product uses the security and auditability features of host hardware.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

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® 5.3, AIX 6.1, and AIX 7.1, 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 24 x 7 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 either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer’s system. System inventory information is
stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer’s business applications or business data is never transmitted to IBM.

More accurate reporting: Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers 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.

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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 the customer’s IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledge base. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

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

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・オプション・フィーチャー: 3 年間（特に指定のない限り）

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AP distribution

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Japan IOT
Japan
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* 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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