容易にエントリーレベルのクラウド環境を構築できるIBM SmarterCloud Entry V3.2の発表

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一覧

IBM SmarterCloud Entry V3.2の主な機能:

- プロビジョニングや仮想化アプリケーションの管理が行えるセルフサービス・ポータル
- クラウド管理者が、ワークロードの一時停止や再開が可能
- 一つのイメージから複数のインスタンスとして同時にデプロイ（展開）が可能。複数のプロジェクトを跨いだ仮想イメージの構成の作成、管理が可能
- IBM PowerVM, Linux Kernel-based Virtual Machine (KVM), Microsoft Hyper-V, VMware vSphereの仮想化環境に対するヘテロジニアスなサポート
- Microsoft Hyper-Vのサポート：Live migration、フレーバー管理、Secure shell（SSH）キーの管理、IPv4/IPv6のネットワーク管理機能を含みます。
- SmarterCloud Entryに含まれているOpenstackをOpenstack APIを通じて使用可能

概要

IBM SmarterCloud Entryは、基本的なインフラストラクチャー・アス・ア・サービス（IaaS）クラウド環境をマルチプラットフォームによる仮想化環境上に構築し、容易にデプロイ（展開）が行え、また簡単に使えるよう設計された、軽快なクラウド製品です。IBM SmarterCloud Entryはワークロードのプロビジョニングや仮想化イメージの管理、監視、セキュリティ、自動化、基本的な計測、統合化されたプラットフォーム管理に対して、セルフ・サービス・ポータルを提供します。クラウドの管理を単純化する、直感的に操作できるインターフェースは、オープンで拡張性があり、特別なビジネス環境への対応を容易にすると共に、仮想サーバーや仮想イメージの標準化は管理コストの削減やビジネス要件の変化への対応速度を高めます。

IBM SmarterCloud Entry製品のオーダー方法や処理については、既存の製品と同様であり、この発表に伴う変更はありません。

海外では、IBM SmartCloud Entryの名称を使用しています。

Key prerequisites

Refer to the Reference Information section.

Planned availability date

December 13, 2013

Description
IBM SmartCloud Entry is a multiplatform private cloud solution that is designed to be simple to deploy and easy to use. It enables data center managers to quickly deploy web-based self-service provisioning of virtualized workloads with basic metering/billing. Its simple interface eliminates provisioning request backlogs, increasing IT efficiency and lowering administration costs. IT teams can quickly and easily start the transition to a cloud-based infrastructure and leverage the benefits of a cloud delivery model.

IBM SmartCloud Entry V3.2 is available in all IBM SmartCloud Entry offerings, including:

- IBM SmartCloud Entry for IBM Flex Systems
- IBM SmartCloud Entry for System x
- IBM SmartCloud Entry for System x bundle (includes Systems Director Standard Edition, IBM Systems Director Storage Control)

New capabilities provided by SmartCloud Entry V3.2 include:

- Ability to use the Openstack that is included in SmartCloud Entry through the Openstack API and CLIs. The complete list can be found in the SmartCloud Entry Administrator’s Guide.
- Ability to initiate Live Migration of workloads from one host to another for OpenStack Cloud type

SmartCloud Entry V3.2 enhancements also include:

- Additional hypervisor support:
  - Support for Linux Kernel-based Virtual Machine (KVM) virtualization through OpenStack technologies.
  - Support for PowerVM virtualization via Power Virtualization Center (PowerVC).
  - Additional details are available in the SmartCloud Entry Administrator’s Guide.
- SmartCloud Entry V3.2 supports the following features with all hypervisors
  - Deploy, resize and capture, backup and restore
  - Support for SmartCloud Entry projects, approvals, expirations, billing and metering
- SmartCloud Entry V3.2 supports the following features with KVM
  - Flavor management
  - Secure shell (SSH) key management
  - IPv4 / IPv6 network management
- SmartCloud Entry V3.2 supports the deployment of Windows and Linux images with KVM
- The SmartCloud Entry management software can be installed on AIX, Linux or Windows operating systems, and can also be deployed as a pre-built virtual appliance for IBM PowerVM, Linux KVM, Microsoft Hyper-V and VMware environments.
- SmartCloud Entry V3.2 continues to provide all SmartCloud Entry V3.1 capabilities, including:
  - From a single user interface, SmartCloud Entry can manage cloud workloads on IBM Power System servers, System x servers, as well as Power or x86 compute nodes in an IBM PureFlex System or IBM Flex System.
  - Ability to create unique cloud settings for each cloud instance
  - Ability for the cloud administrator to generate custom expiration policies for each cloud instance determining unique deployment expiration behavior for each cloud type
  - Ability to author approval policies, requiring the cloud administrator approvals unique to each cloud instance
  - Ability for the cloud administrator to establish custom expiration policies at the project level, overriding the cloud instance default for unique settings such as enablement, maximum expiration date, grace period, and whether to stop or delete the workload upon expiration
Accessibility by people with disabilities

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


Reference information

This RFA provides updated information to already announced programs which may be referenced below.

- For information about IBM SmartCloud Entry for System x, V3.1, refer to Hardware Announcement xxx-xxx (RFA 58029) dated 05/14/2013
- For information about IBM SmartCloud Entry for System x bundle, v3.1, refer to Hardware Announcement xxx-xxx (RFA 58025) dated 05/14/2013
- For information about IBM SmartCloud Entry for System x Flex, v3.1, refer to Hardware Announcement xxx-xxx (RFA 58027) dated 05/14/2013
- For information about IBM SmartCloud Entry for System x, V3.1, refer to Software Announcement xxx-xxx (RFA 58028) dated 05/14/2013
- For information about IBM SmartCloud Entry for System x bundle, v3.1, refer to Software Announcement xxx-xxx (RFA 58024) dated 05/14/2013
- For information about IBM SmartCloud Entry for System x Flex, v3.1, refer to Software Announcement xxx-xxx (RFA 58026) dated 05/14/2013

Order Handling

To allow for ease of order submission, the offerings in this announcement can be configured in conjunction with IBM System x hardware.

Orders placed for the eligible offerings in this announcement will be routed and fulfilled through Passport Advantage Express. Invoicing for the initial license orders will occur through the System x order management systems. Subscription and Support renewals will be managed through Passport Advantage.

Passport Advantage allows you to have a common anniversary date for Software Subscription and Support renewals. The anniversary date, established at the order ship date for the initial product acquisition, will remain unchanged while your Passport Advantage Agreement remains in effect. New software purchases initially include 12 or 36 full months of Subscription and Support coverage. Subscription and Support in the first year of renewal can be prorated to be coterminous with your common anniversary date but managed and invoiced through Passport Advantage. Thereafter, all Software Subscription and Support will renew at the common anniversary date and include 12 full months of Subscription and Support.

AP distribution

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