SUSE Studio™

SUSE Studio™ is a web-based tool to build, update, configure and manage portable and cloud-enabled application images. SUSE Studio is fast and easy to use, thereby reducing the complexity, resource and support costs of deploying and migrating applications in physical, virtual, and cloud environments. Application images built with SUSE Studio are ready for deployment anywhere from the desktop to the cloud.

Product Overview

SUSE Studio allows you to build software application images in several formats, making it easy to deploy them on physical hardware, in virtualized environments, or to cloud environments. With just a couple of clicks, you decide if you would like to generate physical or virtual application images in industry standard formats. With one click you can also deploy your cloud application directly to Amazon EC2 or SUSE® Cloud.

More important, SUSE Studio stores all build-related information as well as the configuration of your application images. At any time, you can reproduce your application image or appliance. Integrated version control and change logging enable you to review or audit changes before any application image or appliance moves into production. Integrated "test drive" functionality allows the testing of the application image or appliances before download. Once approved, the application image becomes the baseline for applying further changes in future.

SUSE Gallery, a component of SUSE Studio, enables you to share, collaborate and freely exchange your applications with others.

Key Benefits

IT DEPARTMENTS

Enterprise IT departments are coming under greater pressure to reduce infrastructure costs, manage capital expenditures and consolidate operations. At the same time, they must provide higher and more sophisticated levels of service and support to the lines of business. Complexity is the biggest obstacle to meeting these requirements.

SUSE Studio offers a new opportunity for efficient and cost-effective application deployment. Application images can be deployed in a matter of minutes in physical, virtual and cloud environments. Compared to deploying traditional on-premise software, SUSE Studio provides rapid deployment, shortening the time required for technical pilots and enabling fast upgrade cycles.

OEMs AND ISVs

As an ISV or OEM, you need to master aggressive project schedules, distributed development teams and multiple deployment targets across a variety of hardware and software platforms. What's more, your success depends on your speed and flexibility in completing your solution as well as realizing that customer needs are paramount. Also, new cloud initiatives or Software-as-a-Service (SaaS) targets can require large upfront investments for re-architecting and configuration.

SUSE Studio helps you to easily adapt new technologies, shorten sales cycles and extend existing applications to the cloud while reducing support and development costs. As a result, it can help you your market expansion, business performance and differentiate from your competitors.

Key Features

- **Eliminate the complexity of software deployments:** *Automate your software deployment process and remove the cost- and labor intensive tasks of deploying and maintaining software applications. Let SUSE Studio support your initiatives in standardization, virtualization and cloud computing.*
- **Build virtual applications at the push of a button:** *Virtual applications built with SUSE Studio seamlessly integrate into industry virtualization platforms and standards.*
- **Ramp up your cloud initiative:** *Create, test, configure and showcase cloud-optimized application stacks. Deploy from SUSE Studio to SUSE Cloud, OpenStack or Amazon EC2 with one click.*

Remove labor- and cost-intensive software deployment processes. Assemble, build and maintain consistent application images in minutes and deploy wherever you want.

- **Manage with WebYaST:** *WebYaST is a web-based configuration management tool that provides easy-to-use visibility into the configuration, health and performance of any application image based on SUSE Linux Enterprise.*
- **Update with SUSE Lifecycle Management Server:** *SUSE Lifecycle Management Server gives you a single platform to manage entitlements and deliver unified updates to your deployed software applications.*
- **Publish with SUSE Gallery:** *SUSE Gallery allows you to publish, share, exchange, collaborate on, and promote software appliances. SUSE Gallery acts as a central repository for application images or appliances.*
- **Get support for KIWI:** *KIWI is an open source command line tool that builds software images from a description file. SUSE Support offers patches and updates as well as technical support assistance for using KIWI as part of SUSE Studio.*

System Requirements

Minimum requirements for SUSE Studio:

- *CPU: x86-64 only, must be enabled for virtualization*
- *Memory: at least 8 GB of RAM (the more the better)*
- *Disk: at least 100 GB of free space is recommended*
- *Supported browsers: Please refer to our browser policy at* **http://susestudio. com/help/faq/browser_policy.html**

Minimum requirements for SUSE Lifecycle Management Server:

- *SUSE Linux Enterprise Server 11 SP2*
- *Memory: 4 GB RAM, at least 1 GB per CPU*
- *4 GB hard-disk space per managed appliance*
- *Network interface (Ethernet)*
- *SUSE Studio 1.3 or SUSE Studio Online*

Minimum requirements for WebYaST:

- *Supported browsers: Please refer to our browser policy at* **http://susestudio. com/help/faq/browser_policy.html**

Minimum requirements for SUSE Gallery:

- *SUSE Gallery runs on the same machines as SUSE Studio. For hardware requirements, please refer to SUSE Studio.*

SUSE Studio builds software images in all major formats, including the following:

- *Physical: Live CD or DVD, HDD and USB stick; preload USB stick image; preload ISO (.ISO)*
- *Virtual: Xen guest, Hyper-V (.vhd), KVM, VMware/Virtual Box, KVM, and Open Virtualization Format (OVF)*
- *Cloud: Amazon EC2, OpenStack and SUSE Clouds*
- *Other: PXE/Netboot*

For detailed product specifications and system requirements, visit: **www.suse.com/ susestudio**

Contact your local SUSE Solutions Provider, or call SUSE at:

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SUSE
We adapt. You succeed.