

SUSE® Start for Cloud Service Providers

SUSE® Start for Cloud Service Providers offers a great opportunity to make sure your organization is getting the most value from your SUSE Enterprise Linux deployments. A well-designed, configured, patched and tuned cloud infrastructure delivers better instance performance and is less vulnerable, easier to maintain and less expensive to operate.



SUSE Start at a Glance:

■ Duration—10 days:

- 8 days on-site delivery
- 2 days remote for documentation

■ Deliverables:

- Kick-off
- Define use cases and test scenarios
- Check SUSE images and document recommendations
- Short management summary
- Report/documentation

■ Products:

- SUSE Linux Enterprise Server
- SMT for the update framework
- SMT or SUSE Manager for patching
- KIWI, AutoYaST, SUSE Studio (on-site or remote) or SUSE Manager for deployments

Introduction

The SUSE Public Cloud Program enables Cloud Service Providers (CSPs) to offer SUSE products in the cloud with pay-as-you-go pricing. As a Cloud Service Provider, it entitles you to offer a wide range of SUSE products as hosted services in your clouds. Maintenance and updates for SUSE images are provided through a proxy server, the Subscription Management Tool (SMT), hosted in your cloud infrastructure. SUSE offers several support options that allow you to provide technical support to end customers. In most cases, you will offer preconfigured SUSE images. The image creation process is dependent on your requirements because an image may include additional components as defined by the cloud infrastructure, such as metering, billing, management and other capabilities.

SUSE Certified Public Cloud

SUSE Start for Cloud Service Providers is a SUSE Consulting services offering to build a SUSE Certified Cloud Provider. It is a requirement for SUSE customers to use the Bring Your Own Subscription extension of the SUSE Certified Cloud Provider Program. By certifying your public cloud, you realize the following benefits:

1. Gain cost-effective access to software updates
2. Eliminate network cost
3. Validate infrastructure based on SUSE technology
4. Benefit from design by SUSE cloud architects
5. Maintain corporate firewall policy or regulatory compliance requirements
6. Have the ability to integrate with SUSE Customer Center
7. Get secure, centralized deployment
8. Fulfill the requirement for Bring Your Own Subscription for your customers

Description of the Service

You need to complete two key technical items to get a SUSE image running in your infrastructure: the implementation of the update framework and the creation of the SUSE image.

SUSE Consulting helps you with its experience and best practices. We first discuss two typical use cases with you. Based on these use cases, we then discuss an architecture concept and check the readiness of your current environment. The next step is checking if your SUSE images are patchable and can be turned into a SUSE supported solution. At this point, we make recommendations and document issues (e.g., tainted kernel). However, providing a fix for those issues is not within the scope of this offering

The next stage is to set up an update framework using the SMTs, taking existing solutions like SUSE Manager into consideration. We also help you to integrate your clients (virtual machines) into that framework.

We then discuss existing SUSE solutions for image creation such as SUSE Manager, SUSE Studio™, AutoYaST and KIWI and deploy the best solution for your use case. Integration of third-party or home-grown deployment solutions is not within the scope of this offer.

Target Audience

The SUSE Start for Cloud Service Providers is aimed at SUSE administrators, their managers and co-coordinators who operate and maintain SUSE products' update infrastructure inside a cloud environment.

How Much Time Does SUSE Need?

This is a ten-day offering and will be delivered on-site except for the initial telephone call and creation of documentation, which will be delivered remotely.

Agenda

1. Initial telephone call to agree to the delivery and next steps
2. Kick-off meeting
3. Definition of two use cases
4. Definition of appropriate test scenarios
5. Setup of use cases
6. Depending on the selected method—installation, setup and configuration of SMT, SUSE Manager, SUSE Studio, AutoYaST or KIWI for the update framework
7. Image creation
8. Testing
9. Brief technical documentation including findings and recommendations
10. Management summary
11. Presentation to management of findings and results

Note: *the setup or optimization of SUSE OpenStack Cloud or similar solutions is not within the scope of this offering. SUSE Consulting offers separate engagements for SUSE OpenStack Cloud.*

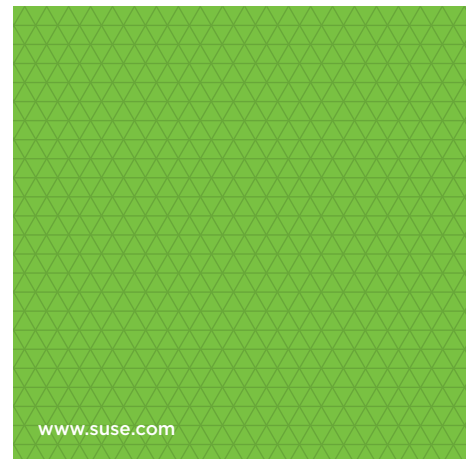
Where to Order

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SUSE Services

Information about SUSE Services, including Consulting, Training and Support can be found at:

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