SUSE Design Services for Cloud Optimized SAP Environments
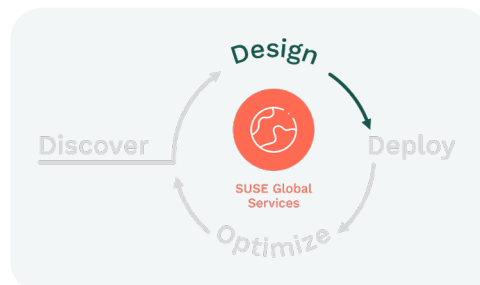
Successful implementations begin with a well thought out design. Develop that design with a SUSE Design Service session.

At a Glance:

By using a trusted, preferred Linux platform from SUSE, you will quickly deliver innovative services that attract new customers and retain current customers ahead of competitors. Engaging in a Design Services session results in the creation of a high-level design will lead to a successfully implemented solution. During the working session, SUSE Consultants will work with you and your team to:

• Provide best practice guidance
• Get everyone aligned
• Create a high-level design document

• Product:
+ SUSE Linux Enterprise Server for SAP Applications
+ SUSE Manager
+ SUSE Linux Enterprise Live Patching
+ SUSE Linux Enterprise High Availability

Design Services for Cloud-Optimized SAP Environments are part of the SUSE Assist offerings and is the second step in the SUSE Customer Journey. This working session provides you with the opportunity to engage with SUSE technical and business professionals who can help design your deployment customized to your specific business and IT objectives. Simplify and accelerate your implementation with Design Services.

This working session with an SAP for cloud solution expert is intended to result in a high-level design document for specific use cases. Outputs of the Design Service include:

• Roadmap to avoid unnecessary pitfalls during deployment
• Validation that the chosen solutions will meet the desired business outcomes
• Analysis of design choices and best-practice recommendations
• Development of a high-level design document that includes your specific use case architectural requirements

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ENGAGEMENT OVERVIEW

By using a trusted, preferred Linux platform from SUSE, you will quickly deliver innovative services that attract new customers and retain current customers ahead of competitors. During the Design Services session, you will work through design specifics for SUSE Linux Enterprise Server for SAP Applications (SLES for SAP Applications) deployment engagement, including:

- Size and scope of a cloud, applications, and services environment for the SAP landscape.
- Requirements for:
  - Security
  - Networking
  - High availability
- Best practices documentation for successful deployment
- Considerations for operations that include:
  - Lifecycle management
  - Monitoring
  - Log management

Starting with an analysis of your requirements, current environment, applications and services and your organization, SUSE Consultants will help you define, by steps, the suggested deployment architecture for your SLES for SAP Applications. The consultant will also recommend any additional open source solutions that will help you meet your business objectives. This will afford a smooth and successful implementation.

Who should be involved?

The SUSE Assist: Design Service offering is recommended for IT professionals, solution architects and their managers who have the task to design, build and operate enterprise applications and services.

Estimated Duration:
5 days

Delivery Method:
- 1 hour preparatory call
- 3 days remote/on-site visit
- 2 days remote documentation
- 1 hour follow-up call

What is the output?

At the end of your engagement, you will receive a detailed design document, including a short management summary, technical details based on SUSE best practices and recommendations. This output will include a detailed architecture design document and next steps specific to your environment.

Sample Design Service Agenda

Review...	... Business objectives and requirements:
(While not imperative, SUSE recommends that a Discovery Services session has been completed)	• Key business objectives for a cloud-optimized SAP environments • High-level solution requirements • Review existing SAP infrastructure • Integration architecture and application dependencies • SAP system: Current Test/Dev/QA/Prod design • Security constraints required • Business Continuity (backup and disaster recovery objectives) • Availability requirements (SLA, High Availability) • Performance requirements/issues • Discuss current IT operation processes • Review current SUSE subscription status

Discuss and Whiteboard... **... Solution, benefits and outcomes**

- Targeted use cases and success criteria for your SAP cloud initiative
- Identify the appropriate SUSE components for your cloud solution
- Comparisons of "pay as you go" and "bring your own subscription" models
- Introducing best pratices for SAP public cloud deployments against your use cases
- Migration strategy
- Definition and provision of cloud instances running SLES for SAP
- Installation and configuration of SAP software (such as, SAP S/4HANA / deployment automation)
- Patching and lifecycle managemet
- High availability

Address... **... Planning and design with SUSE Consultants and your team**

- Big picture - solution overview
- Architecture design for SAP landscapes, locations and services
- Recommendation for Dev/QA/Production environments:
  - CPU, RAM and storage
  - Bandwidth and latency
  - Networking design
- High Availability:
  - Cluster size
  - Tuning for cloud
  - Geo redundancy
- Deployment methodology, Life Mangement and Automation
  - Release strategy
  - Testing strategy
  - Promoting strategy
- Security design
- Monitoring, log management and disaster recovery solution design

Handover... **... Documentation to your team**

- Define criteria to validate the design
- Provide handover to customer stakeholders
- Incorporate feedback and refine the design

Take... **... The next steps**

- SUSE Assist: Deployment Services
- Custom deployment projects

You already know that SLES for SAP Applications is the Linux distribution that SAP itself uses; ensure that your Design is validated by SUSE experts. Accelerate your journey to a cloud-optimized SAP environment.

For detailed services offerings and premium support services information, visit:
www.suse.com/services