Cisco Solution Center for SAP Applications

Specification Sheet
January 2016

Cisco and SAP Support Joint Engineering and Customer Proof-of-Concept Testing

Highlights

Powerful Alliance

- Cisco and SAP have been working together for years to deliver scalable, high-performance platforms for all SAP solutions.

Powered by Cisco UCS and ACI

- Cisco Unified Computing System™ (Cisco UCS®) and Cisco® Application Centric Infrastructure (Cisco ACI™) provide industry-leading infrastructure platform to accelerate your enterprise application deployments.

Cisco Solution Center for SAP Applications

- Cisco and SAP have created a solution center with more than 100 servers with highly scalable Cisco ACI that can support thousands of servers.
- The facility showcases performance scaling and infrastructure automation for leading SAP applications/
- You can use the facility to test and validate Cisco policy-based reference architectures and your own SAP applications with large amounts of real-world data.

SAP Application Support

- The facility is equipped to test and validate SAP applications, including SAP HANA, SAP Business Suite 4 SAP HANA (SAP S/4HANA), SAP Business Warehouse powered by SAP HANA (SAP BW on HANA), and SAP HANA Vora.

A comprehensive set of infrastructure is essential for developing enterprise-class architectures that reduce cost and risk. Our joint facility is equipped to test, validate, and size various SAP applications.

The Data Deluge

Your IT organization is deluged with data. To be successful you need to transform your business into a truly digital enterprise by enabling new business models. Cisco and SAP have developed a big data architecture using policy-based automation for testing SAP HANA and the new SAP HANA Vora. The Cisco® Solution Center for SAP Applications tests the entire end-to-end data lifecycle, from the ingestion of data into a big data platform to the creation of actionable intelligence through applications including SAP business applications, SAP Business Suite 4 SAP HANA (S/4HANA), and SAP HANA.

An All-Cisco Platform for SAP Applications

Cisco and SAP have created a facility for joint engineering efforts and for customers to test, validate, size, and govern all of their SAP applications. Based on the Cisco Unified Computing System™ (Cisco UCS®) and interconnected with Cisco Application Centric Infrastructure (Cisco ACI™), the facility adapts quickly to accommodate new applications and configurations with programmable, policy-based infrastructure. The center's big data portion is simple to purchase and deploy using Cisco UCS Integrated Infrastructure for Big Data. Using the solution center facility, Cisco and SAP engineers were able to deploy an entire SAP application—a process that often takes months—in just 10 hours. The reference architectures built using this facility offer jointly certified, tested, and supported Cisco integrated infrastructure solutions for on-premises or cloud deployment of SAP applications.

Ready for Customers

Typical use cases that can be tested on this reference architecture include predictive maintenance of high-value production assets such as wells in upstream oil and gas enterprises; compliance and analytics in the pharmaceutical industry; safety, security, and efficiency for smart cities and smart transportation; and retail and consumer packaged goods (CPG), manufacturing, and supply-chain automation.

And the center welcomes you to test and evaluate potential SAP applications with real-world data in our lab, helping give you confidence in the sizing of your solutions and in your choice of Cisco, SAP, and our industry-leading storage partners.

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The solution center's reference architecture, illustrated in Figure 1, includes a 100-node big data environment, a 4-node configuration for SAP HANA, and a 4-node configuration to support SAP landscape applications. The servers in the facility have been deployed to allow additional scaling up to SAP's maximum certification.

Conclusion

When you need to deploy SAP landscape environments, SAP HANA, S/4HANA, and big data applications, you need to look no further than Cisco Solutions for SAP. With the new Cisco Solution Center for SAP Applications you can test, validate, and size your environments with your own data. With the backing of Cisco and SAP, your time in the solution center will help you understand exactly what to expect when you deploy Cisco solutions in your own data center.

Our solutions help improve access to all your data to accelerate business decision making with policy-based, simplified management; lower deployment risk; and reduce total cost of ownership (TCO). Our innovations give you the key to unlock the intelligence in your data and interpret it with a new dimension of context and insight to help you create a sustainable, competitive business advantage.

For More Information

- For more information about Cisco Solutions for SAP, visit http://www.cisco.com/go/sap.
- For more information about the Cisco Solution Center for SAP Applications, email aci-governance@cisco.com.
- For more information about SAP HANA Vora, visit http://go.sap.com/product/data-mgmt/hana-vora-hadoop.html.

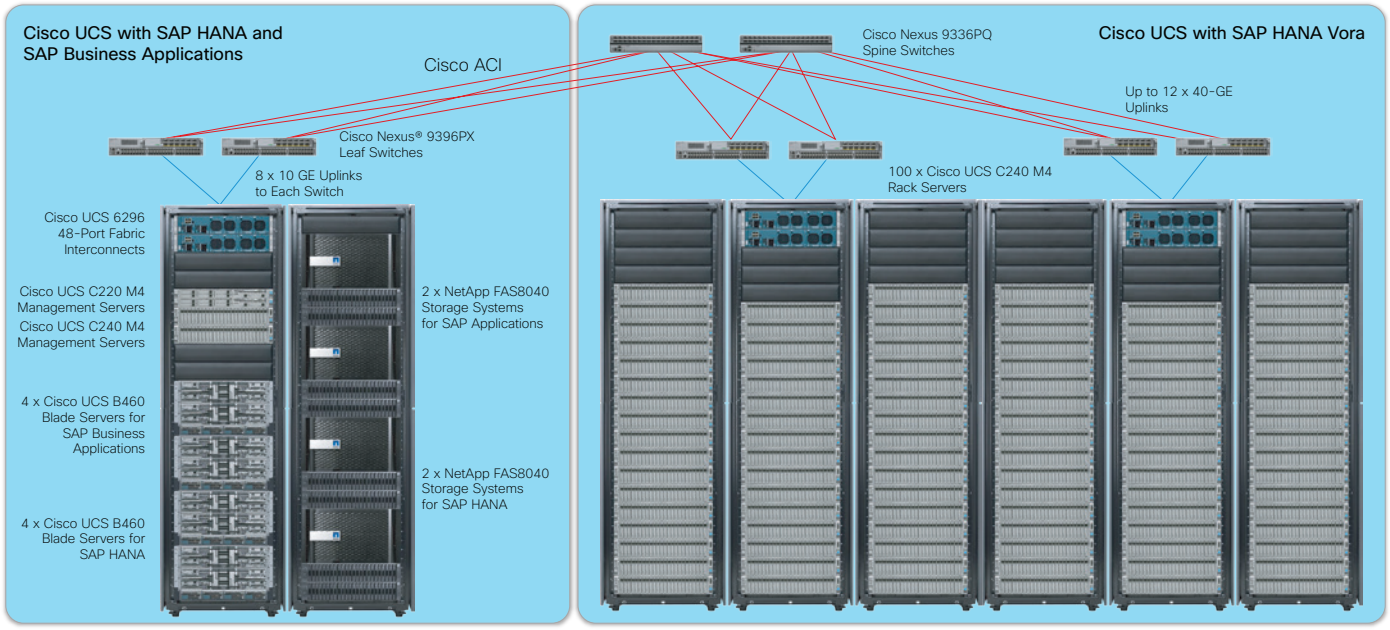

Figure 1. Cisco Solution Center for SAP Applications

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
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