ACCELERATING ENTERPRISE CLOUD INFRASTRUCTURE DEPLOYMENTS

The Oracle Optimized Solution for Enterprise Cloud Infrastructure provides a complete, fully documented, pretested, and tuned architecture built on proven best practices which can dramatically reduce the time required to architect, deploy, and manage Infrastructure-as-a-Service clouds - and ultimately lower TCO and improve agility for enterprises and cloud service providers.

A Better Way to Deploy Private Infrastructure Clouds

Despite the widespread adoption of virtualization to increase IT performance and flexibility, it remains a time-consuming and perplexing effort. The traditional method of building a virtualized infrastructure requires the integration of many components such as servers, storage, network, virtualization tools, and operating systems from a broad range of vendors.

The Oracle Optimized Solution for Enterprise Cloud Infrastructure allows you to build a customized private cloud infrastructure that enables faster time to service, reducing deployment time from weeks to days. The solution provides tested and proven guidelines to help you architect and deploy a cloud infrastructure that is optimized for your data center needs. Only Oracle delivers a complete, virtualized infrastructure that is certified and fully supported with Oracle applications and databases, avoiding the complexity of dealing with multiple vendors for support.

Consolidate and Virtualize to Enable Cloud Agility and Efficiency

Oracle’s highly scalable systems include application aware virtualization built-in at no additional cost which enables you to safely consolidate applications onto fewer, more powerful systems. Designed for efficiency and optimized for performance, Oracle’s server virtualization products support x86 and SPARC architectures and include hypervisors and virtualization built into the operating system and hardware to provide varying degrees of isolation, resource granularity, and flexibility.

Oracle Enterprise Manager Ops Center 12c is also included as part of the system support contract to provide advanced cloud capabilities that further help reduce costs, improve efficiencies, and accelerate the delivery of services to meet changing business needs.

Delivering Real Business Value with Cloud Infrastructure

For customers looking to consolidate existing SPARC Solaris based applications and take advantage of the benefits of moving to a cloud based infrastructure, the technologies and best practices offered with the Oracle Optimized Solution for Enterprise Cloud Infrastructure can deliver more than 500% ROI with a payback in as little as seven months. Oracle’s SPARC T-Series servers include built-in wire-speed encryption to protect critical data without a performance penalty, and with integrated, low overhead virtualization, Oracle Solaris improves system utilization and allows enterprises to run on fewer servers with maximum application isolation and security. For existing SPARC Solaris customers, Oracle provides unmatched flexibility and investment protection by supporting legacy and new applications within the same system, without the need to rewrite or recompile code.
Oracle Optimized Solution for Enterprise Cloud Infrastructure also leverages Oracle’s Sun x86 servers which come complete with choice of OS, virtualization software, and cloud management tools. This solution supports Oracle Linux and Oracle Solaris as well as other Linux distributions and the Microsoft Windows operating system, and can accelerate virtual machine deployment times by up to 5x compared to HP and VMware based alternatives.

Oracle’s Sun ZFS Storage Appliance seamlessly interoperates with Oracle virtualization to provide better operational efficiencies while maintaining business critical application availability.

**Faster Time to Service and Reduced Risk**

The Oracle Optimized Solution for Enterprise Cloud Infrastructure leverages real customer experiences and has gone through extensive testing within the Oracle engineering labs resulting in a pre-tested, optimized, and validated configuration that can significantly reduce the initial design and architecture phases as well as the time-consuming effort of integrating and testing a stable production-ready configuration.

Oracle VM Templates can be used to provision pretested, preconfigured installations of Oracle Database and Oracle Applications up to 12x faster than independently installing and configuring the application and virtual machine environments.

**Getting Started**

The Oracle Optimized Solution for Enterprise Cloud Infrastructure is just one of many optimized solutions Oracle offers that is based on Oracle’s expertise gained through working with thousands of customers and having one of the largest engineering organizations in the world. A global network of Oracle Solutions Centers can help you with performance testing or run a proof of concept within a controlled environment, and Oracle Advanced Customer Support Services offer mission critical support from installation to advanced support. Innovative financial offerings, such as the Oracle Upgrade Advantage Program, provide trade-ins on existing Oracle and non-Oracle systems, and Oracle Financing enable you to take on new projects faster and lower upfront cost.

**Contact Us**

For more information about the Oracle Optimized Solution for Tiered Storage Infrastructure, visit us at oracle.com/optimizedsolutions or call +1.800.ORIALE1 to speak to an Oracle representative.