



VIRTUALIZATION ASSESSMENT

CALCULATE YOUR SAVINGS WITH RED HAT INTEGRATED VIRTUALIZATION

WHAT IS IT?

In a short term¹ consulting engagement a Red Hat Virtualization Assessment calculates the cost-savings potential of implementing Red Hat integrated virtualization in your IT environment.

WHAT DOES IT DO?

In order to identify systems that benefit most from Red Hat integrated virtualization a Red Hat consultant will come on-site and assess your infrastructure. Our consultant will focus on understanding your business requirements, track the types of applications in use and measure the use of computing capacity.

The study presented at the end of this engagement will give you a clear and detailed picture of prospective savings and the investment required to deploy Red Hat integrated virtualization in your IT environment.

WHY SHOULD I CARE?

As a technology, virtualization offers a number of benefits:

- Virtualization improves economic efficiency and reduces costs (e.g. in terms of hardware, power consumption and data-center space).
- Virtualization improves your ability to meet service level agreements (e.g. downtimes can be reduced).
- Virtualization improves business agility enabling you to respond quickly to changing demands.

Virtualization allows you to utilize existing resources like hardware, server-room space, and system administration time more efficiently. It provides you with a better staff / server ratio and reduces power and cooling costs. Furthermore virtualization allows applications to be “mobile”, moving from one server to another, thereby reducing planned downtime and giving you more options for business continuity planning and disaster recovery.

¹ This is not a fixed-term engagement. The exact time required depends on the complexity of your environment and the number of servers and applications included in the assessment.

DELIVERABLES

A limited-scope TCO and ROI study shows you the savings possible by implementing Red Hat integrated virtualization and the investment required to achieve these savings.

A presentation to the sponsor followed by a Q&A session explains the results of the assessment.

Virtualization technologies have matured significantly over the last few years.

Red Hat® Enterprise Linux® 5 Advanced Platform comes with mature, industry-strength open source virtualization software, as part of the base operating system and at no extra charge. Internal benchmarks show that this cost-efficient solution outperforms competitors.

SCOPE

A Red Hat consultant will:

- Gather information on a customer-identified set of servers. The information collected provides an understanding of your technical and business requirements.
- Collect statistics on system resource utilization over a period of time.
- Interview key people in your organization to establish a baseline for the per server cost structure.
- Consolidate the results and calculate the savings that can be achieved by implementing Red Hat integrated virtualization. The final report specifies savings in terms of hardware, data-center, and support costs. Additionally, an estimate is given on the investment required to realize these savings.
- Present the final report to the sponsor and hold a Q&A session.

An assessment is possible for any operating system supported by Red Hat Enterprise Linux virtualization, which includes many versions of Enterprise Linux and Windows².

² A matrix containing all supported operating systems is available at <http://www.redhat.com/rhel/server/advanced/virt.html>



REQUIREMENTS

To ensure a smooth service delivery the following people from your organization should be available to work with the consultant during the engagement:

- Sponsor. As your ultimate sign-off authority, the sponsor provides guidance and an escalation point, should one be necessary.
- Project manager. This person manages your day-to-day activities related to this engagement, and ensures the timely delivery of information required for the project.
- IT and other staff. Successful delivery of our service requires access to competent professionals who provide relevant information about your IT infrastructure.

The following technical requirements should be met prior to the start of the engagement³:

- An inventory of servers that are to be included in the assessment.
- Documentation of the applications installed on these servers.
- Access to system administrators who can install measurement software on the systems as part of the assessment.

OUTLINE PLAN

1. Understand your application landscape.
2. Measure the use of system resources over a predetermined period of time.
3. Write a report summarizing the results.
4. Present the results to the sponsor and hold a Q&A session.

FOR MORE INFORMATION

For more information on the Virtualization Assessment or any other Red Hat consulting offering, visit

www.redhat.com/consulting

INTERESTED?

Contact Red Hat today to get a personalized quote for this Red Hat solution:

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³ These are the most important requirements. A further check list with more detailed requirements will be worked through prior to commencement of the engagement.