

# 2011 Trends to Watch: Storage

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## Abstracts

### Introduction

The volume of data stored by businesses continues to soar, and in some cases is increasing by over 50% per year. Alongside this growth is the need to provide ever greater levels of availability and disaster protection for applications - and hence the data they access. Storage operations are also be challenged by server and desktop virtualization.

### Features and benefits

Details of current and future trends in the integration of storage and server virtualization platforms.

Description of new forms of cloud storage service suitable for the storage of non-performance sensitive file data, or for disaster recovery

Advice for those considering the use of flash memory solid-state drives

### Highlights

Server virtualization creates major problems for storage systems. The solutions require increased convergence between the two technology streams. This process could see server virtualization platforms usurp many of the current functions of storage systems. Handling the major I/O or data throughput loads created by desktop virtualization systems could become the first wide-spread enterprise application for flash memory drives.

## **Your key questions answered**

What are the next stages of integration between storage systems and server virtualization platforms?

How do I identify the most suitable enterprise applications for flash memory solid-state drives?

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Author

Ovum Consulting

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