# An Introduction: V-Ready Dedicated Servers

## An Overview

Virtualization Ready servers are high-end servers that are endowed with multi-core processors, extra memory, embedded hypervisors and more integrated I/O, and are pre-configured for fulfilling all the server infrastructure requirements of an enterprise.

V-ready servers are pre-engineered and handed over to the client in a way such that ordering, installation, deployment, management and maintenance of server can be done with extreme ease; thereby eliminating much of the costly and time-consuming trial-and-error work often encountered during complex deployments. It is because of this feature and the ability to get to market faster with V-ready servers that they are also termed as **'business-ready'** servers by some.

Hence, put simply, there are two central tenets behind the efficiency of V-ready servers:

**More Resources:** V-ready servers come with much more resources compared to traditional dedicated servers.

They can handle the needs of any power-hungry application or website with grace without letting the performance being affected at all. More resources also mean higher availability and reliability for business-critical websites.

**Efficient Technology**: The technology behind V-ready servers is extremely flexible and scalable. For instance, multiple operating systems can be installed on a single server, thereby reducing not only the back-end complexity of managing the servers, but also letting the client have multiple options and choices to play with for his varied application and website requirements across multiple environments.

## Key Properties and Advantages of V-Ready Dedicated Servers

**Multiple flavors rolled into one server.**

- ✓ Various operating systems and server, storage and virtualization technologies can be integrated onto a single server for better flexibility and service.

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✓ The consolidation of multiple technologies significantly reduces the server infrastructure requirement. Reduced server infrastructure equals savings in client's time and money spent on hosting.

✓ Lesser infrastructure requirement also means lesser management and maintenance and lower operating risks involved.

✓ The operational risks associated with operating on various levels of software, hardware and applications are eliminated. Also, much of the costly and time-consuming in-house planning, designing and manpower requirement for complex deployments and maintenance is cut off.

**Increased power and availability.**

✓ Servers have more resources and power for high-performance application and websites.

✓ Since a single server comes with mammoth resources, the amount of servers used is significantly reduced.

✓ Virtual instances can be deployed and moved from one server to the other without any downtime.

✓ High application availability throughout both virtual machine migrations and unplanned failures.

✓ Isolation and redundancy is provided for different networks in the virtualized infrastructure, thereby preventing a single point of failure.

**Lower cost of Ownership and increased ROI.**

✓ Reduced server infrastructure means big savings in time and money spent on hosting.

✓ Clients can also free up server resources whenever required to achieve maximum utilization and consolidation.

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## Get to market faster

- ✓ Rapid deployment, low cost for users, readiness of servers and flexibility helps clients get to the market faster.

## Are V-Ready servers ideal for you?

Simply put, V-Ready dedicated servers are ideal for anyone who wants to ensure high availability for his website and application and wants the best solution available in the market. Although relatively costlier when compared to the traditional solutions available in the market, V-ready servers are highly recommended for anyone whose business relies heavily on his online presence.

There are two sections of audience for whom V-Ready dedicated servers are a perfect fit:

- ✓ Those with power and performance hungry websites and applications and critical online data.

- ✓ Those in need of multiple choices and options. For instance, software developers and application testers

have varied requirements and need a lot of flexibility for which they sometimes need to invest in multiple servers. V-ready servers, hence, are an ideal solution for them.