

Citrix Provisioning Server for Datacentres

On-demand workload delivery to physical or virtual servers

Citrix Provisioning Server™ for Datacentres delivers server workloads on-demand via streaming technology, rather than physically deploying them on each server.

Provisioning Server for Datacentres is a software only solution. It works with existing hardware; no proprietary hardware is required.



Provisioning Server transforms static datacentre environments into dynamic ones.

Lower TCO. Reduce energy/space needs. Deliver a dynamic datacentre.

In traditional, static datacentre environments, server sprawl is a major concern, with many fully provisioned, but under-utilised, servers dedicated to delivering a specific workload. In addition to the operational costs and time required to maintain the under-utilised servers, IT also incurs significant capital, energy and space costs.

Because Citrix Provisioning Server™ for Datacentres delivers server workloads (OS, application and application engine) on-demand to physical or virtual servers as a service on the network, far fewer back-up servers are needed. Server workload images are virtualised, stored on the network and then streamed to physical or virtual servers on-demand. No software is pre-loaded or permanently installed on the servers. Any server can deliver any workload — on-demand.

Server workloads are delivered, rather than physically installed, and servers are no longer “dedicated” to a single task. IT can respond to constantly changing business demands more quickly and flexibly. The static datacentre becomes dynamic.

Simplify and streamline server operations and management

Using Provisioning Server for Datacentres, IT can configure, deliver, maintain and manage server workloads centrally. Streaming virtualised server workloads on-demand as a service on the network, rather than physically installing them on each server, significantly simplifies datacentre operations and management.

The challenge of maintaining server-build consistency disappears because servers delivering the same workloads are provisioned from a single standard image. This capability also means IT has fewer images to manage.

Accelerate software delivery

Provisioning Server for Datacentres saves IT managers time and money, and reduces errors when deploying server patches, updates and upgrades.

When a patch or upgrade is required, Provisioning Server’s functionality enables IT to make a copy of the existing virtual workload image, make the necessary changes, and roll out the change to all affected servers on reboot.

If a problem arises, rolling back to the previous production image is as simple as rebooting and streaming out the previous production image.

Implement viable Disaster Recovery and Business Continuity plans

Using Provisioning Server for Datacentres allows IT to create a library of virtual images and store them in an off-site location for on-demand infrastructure provisioning.

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No software is pre-loaded or permanently installed on a server. Servers are stateless until a workload is streamed, enabling the delivery of any workload to any server on-demand.

ABOUT CITRIX

Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and the most trusted name in application delivery infrastructure. More than 200,000 organisations worldwide rely on Citrix to deliver any application to users anywhere with the best performance, highest security and lowest cost. Citrix customers include 100% of the Fortune 100 companies and 99% of the Fortune Global 500, as well as hundreds of thousands of small businesses and prosumers. Citrix has approximately 6,200 channel and alliance partners in more than 100 countries. Annual revenue in 2006 was \$1.1 billion.

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Provisioning Server for Datacentres complements Citrix XenApp and Citrix XenServer and existing Systems Management Solutions (SMS)

Provisioning Server for Datacentres complements Citrix XenApp™ and Citrix® XenServer™ environments as well as existing Systems Management Solutions (SMS).

In a traditional Citrix XenApp deployment, on-demand streaming of a single, consistent server image to an entire XenApp farm reduces the time and cost to deploy upgrades and addresses the common problem of server-build inconsistency.

When combined with Citrix XenServer features such as XenMotion, Provisioning Server increases datacentre agility by adding the ability to provision virtual servers and also move them in real time.

Provisioning Server adds value to an SMS tool because it allows the existing SMS to have the additional option of delivering the workload dynamically rather than relying on the traditional approach in deploying a workload through repeatedly hard-copying a static image to countless servers.

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