

Server Provisioning For Today's CIO

Often IT managers are faced with the challenge of deploying new servers, complete with operating systems, patch updates, a host of software applications and managing regular maintenance and security checks. Manually addressing these tasks is not only cumbersome, but if servers are in multiple locations, which in most enterprises today, they are, then it can be quite costly. By automating the data center to handle server provisioning tasks, CIO's can present a more cost effective, reliable and productive allocation of department resources.

In large server environments, something as routine as releasing new versions or installing updates for software applications can be extremely time intensive and counterproductive to running a well oiled machine. In order to sustain the requirements posed on IT departments, not to mention stay ahead of the never ending list of performance requirements, organizations simply must embrace automated solutions to managing their server infrastructures.

Another common pain point for IT professionals, is the relentless demands leveraged by operations. With the increasing mobility of today's workforce, IT personnel must be able to update patches, secure systems, maintain servers and run a smooth, well operated infrastructure of multiple locations, servers, systems and applications. An automated and policy based solution is a necessary approach and a smart move for organizations looking to sustain the growing demands of business operations. The days of manual provisioning have quickly given way to the effortless result of automated server provisioning.

As organizations seek to minimize and reduce costs, increase efficiency and productivity, IT departments can easily leverage the benefits of data center automation. Sharing best practices, operating system builds, policy compliance and application configurations is seamless and benefits the entire department. Quality is improved, security is more reliable and support is streamlined to better reflect all devices, physical, local, virtual or remote.

Many organizations are in desperate need of better management tools and resources that promote superior means of automation. [Data center automation](#) technologies designed to address server provisioning and database administration can save businesses valuable resources. In addition, a solid automated server provisioning model can alleviate repetitive, manual, error-prone database tasks as well as mechanize the lifecycle for your entire server infrastructure.

Integrated end-to-end data center management can make running virtual servers, multiple systems and database administration tasks less painful and arduous. Whether your deployment strategy is to scale up or scale out, server provisioning can be quite an undertaking. Leveraging the right tools can help bring your server infrastructure up to speed and ahead of the game.

About the Author

As an avid technology lover, Sam Brown follows tech movements within data center automation, [Server Provisioning](#) as well as [ITIL Service Management](#) tools.

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