# WHEN SHOULD YOU USE A SELF-MANAGED CLOUD?

You're ready to move to the cloud, or, more likely, you're already there but experimenting more with cloud. With more than 84 percent of organizations adopting a cloud strategy, the question changes from "should I go to the cloud?" to "What kind of cloud is best for me?" To add to the complexity, executives are also asking themselves whether they should manage their cloud themselves or continue working with their third-party cloud provider.

When it comes to the great DIY vs Managed approach, there are many benefits to managing your own cloud, including:

- A far greater degree of flexibility and control over your environment
- Great cost savings (if managed correctly)

# Applications IP/DNS Operating Systems Virtual Machines Hypervisor File System Compute, Storage and Network Hardware Power & Environmental

# **Self-Managed Cloud**

Below, we've compiled several profiles of organizations that are best suited to use a self-managed cloud environment. Of course, you may not line up perfectly with these examples. But if you use this guide as a measuring stick, you'll be on track to choosing the right cloud for your company--and that's no small decision!

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# Choose the self-managed cloud model that best applies to you

## **Acme Corporation**

Your organization has a large and deeply talented IT team that has previous experience running a data center.

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Label/Customer

### Wonka Industries

You've been running your own data center for a while and it's been great, but you're ready to let someone else handle buying new hardware and running the basic operations, such as power and cooling capacities.

# **Wayne Industries**

Your environment has certain applications that require a broad and deep set of permissions. Essentially, you need root access to the hardware without worrying about upkeeping the hardware itself.

### Hooli

You're running your production environment in a public cloud such as Google or AWS and it's costing you too much money. At the same time, you need to continue taking advantage of the enormous scalability and growth the cloud offers.

### **Stark Industries**

You need complete control over your environment but also have specific compliance requirements such as PCI or HIPAA that you can't meet by yourself. You need an environment that's already built for compliance that you can layer your applications on top of.

### What's next?

If you nodded your head in agreement with any of these, then you should consider a self-managed cloud environment. Self-managed is the best option for those organizations looking for complete flexibility and control over their environment without actually having to worry about running a data center. If you have a deep and talented IT team that can do it all (or at least everything down to the hardware level), then self-managed cloud is for you.

Keep in mind though, self-managed clouds aren't for the faint of heart. Running your own cloud can be costly if not done correctly. But if you've got what it takes, a self-managed cloud can offer your organization a wealth of benefits.

If these organizations didn't fit your own profile, perhaps a managed cloud is more your style. Check out our **Managed Cloud Use Cases and Examples** to see if you should be using a managed cloud instead.

Ready to plunge ahead with self-managed cloud? Otava provides all the infrastructure backbone you need to get off and running. Contact us at 877-740-5028 or visit www.otava.com/contact to get started.



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