ARCANA DYNAMIC CLOUD

BY ANTEMETA

Discovering parallel clouds

Illustrated guide of a cloud that showcases its difference.

ANTEMETA

www.arcanadynamiccloud.com

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Illustrated guide of a cloud that showcases its difference.

If almost all French companies can pride themselves on having moved to the cloud, it is thanks to the democratisation of SaaS (Software as a Service), which is widely used in companies today.

However, IaaS (Infrastructure as a Service) and Paas (Platform as a Service) entice companies, but cause new dilemmas to CIOs.

On one hand, there is the obligation to insure the continuity and good operation of the company's legacy applications and services.

On the other hand, the necessity of quickly providing new solutions to the various services' emergent needs.

A dual challenge that brings a new issue: **should one choose a model based essentially on the cloud to bring the flexibility and speed that companies need?** Or focus on improving the existing to sustain its use and pick infrastructures able to evolve with the functional business needs?

If combining those two alternatives seems like an ideal answer to the problem, it can be complicated to make on-premises infrastructures and public clouds work together.

What if you didn't have to choose anymore? What if the cloud came dilemma-free?

ArcanA Dynamic Cloud (ADC) is a hybrid-ready public cloud, created for demanding companies that are trying to:

• Simplify their cloud usage

• Keep financial control of their usage

• Maintain a high level of security in the cloud

• Improve their IT department's performance

• Increase their infrastructure's agility

Through this guide, discover situations that the cloud usage can cause, some that may already concern you, others that may in the future, and existing alternatives to help you face them.

#1 Proximity

To improve your IT service's flexibility, you are looking for a public cloud offer.

With ADC

Before proceeding to checkout, an advisor will contact you to refine your needs and show you the platform. After this discussion, you will be granted access to a test version, and if you are convinced afterwards, your subscription will start.
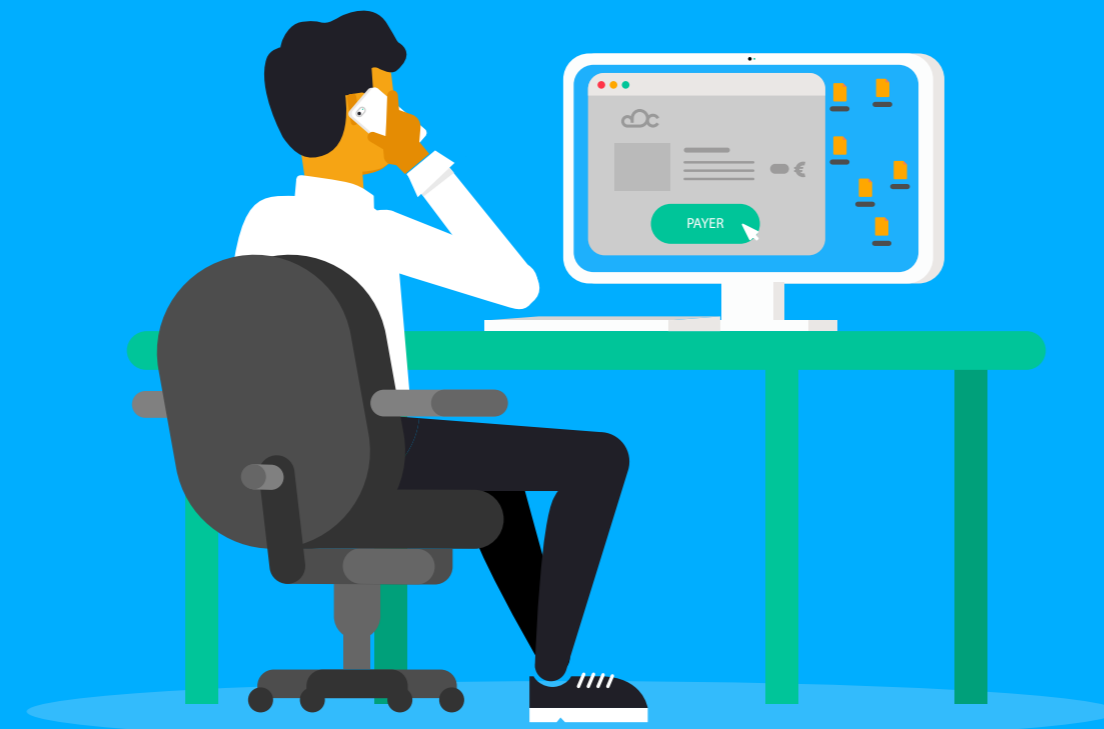
VS

Without ADC

You identify yourself what seems to better answer your needs and buy Virtual Machines through forms. If needed, you go through a third party company to help you move to the cloud.

No Kidding Cloud Services

Expert opinion

The existence and availability of a dedicated public cloud team is not trivial. If clouds are starting to get widely used, the move to the cloud is still a complex one for companies that haven't made the leap yet. "As-a-Service" doesn't mean "easy-to-use", and that is why ADC accompanies their customers through their entire usage cycle, with a focus during the subscription phase. This helps refine the customers' needs to avoid over- or underestimating them, but also to get a precise quotation before any contractualisation.
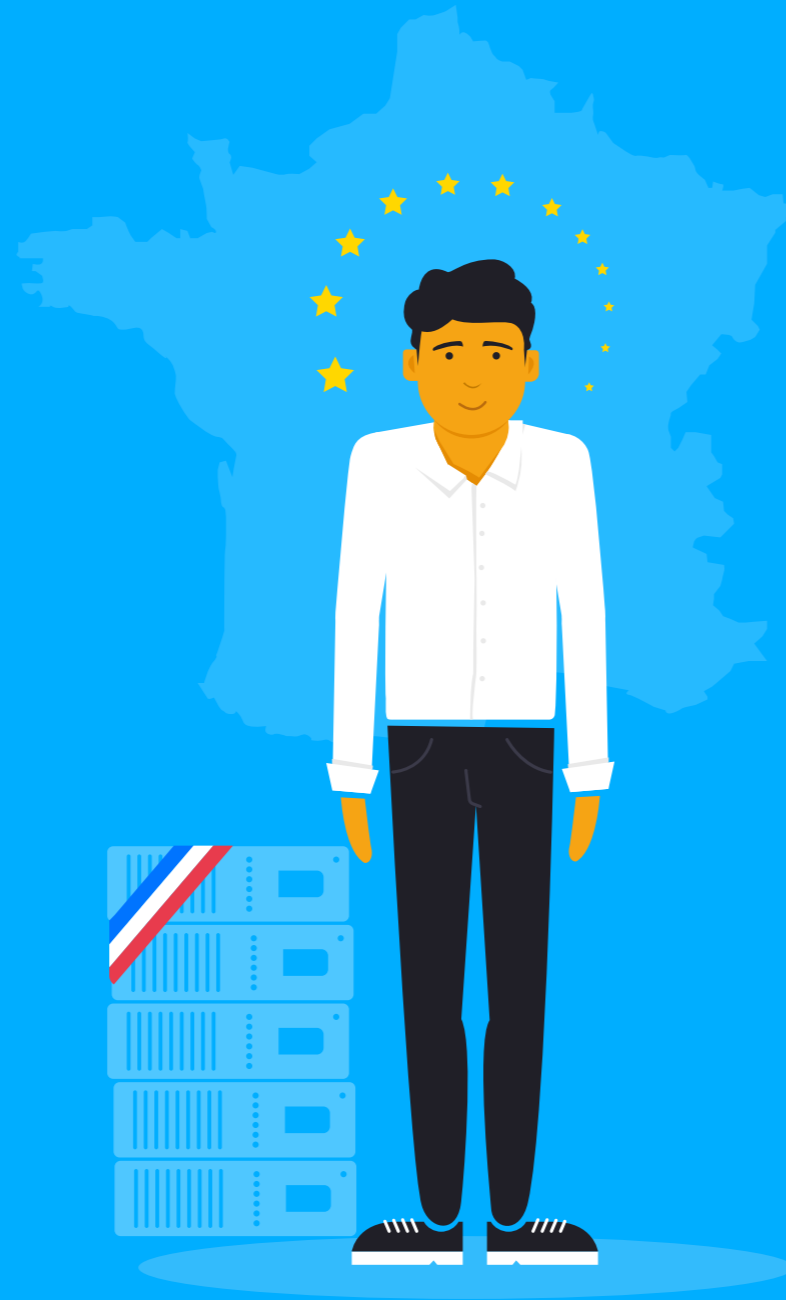
#2 European Law

To anticipate the new European laws (GDPR), you must ensure that the data you create and host meet the legislation.

With ADC

No specific precaution to take! ADC meets the same requirements as a sovereign cloud: datacentres are located in Europe and the structure is regulated by European data confidentiality laws.

VS

Without ADC

For each data storage outside of your walls, you need to ensure that your cloud provider meets the future of the European legislation. Which could cause last-minute data migrations...

Expert opinion

If American cloud providers have understood European companies' challenges and legal constraints, their choice of setting datacentres on European soils is often an announcement effect. Those providers are still regulated by the American laws, even for their activities on European soil. In addition to ensuring high confidentiality levels that meet the future of the European legislation, our services are provided both in French and in English, be it our interface or our support.

No Kidding Cloud Services

#3 Resilience

To limit the time, support, and maintenance investment, you decide to move a critical application to a public cloud.

After a feasibility analysis and accompaniment to migration by the ADC team, the application is moved to the cloud. A granular backup system is automatically installed to counter any incident or operation error. In case of downtime of the service, the ADC teams will work from the first signs of failures until the access to your application is back.
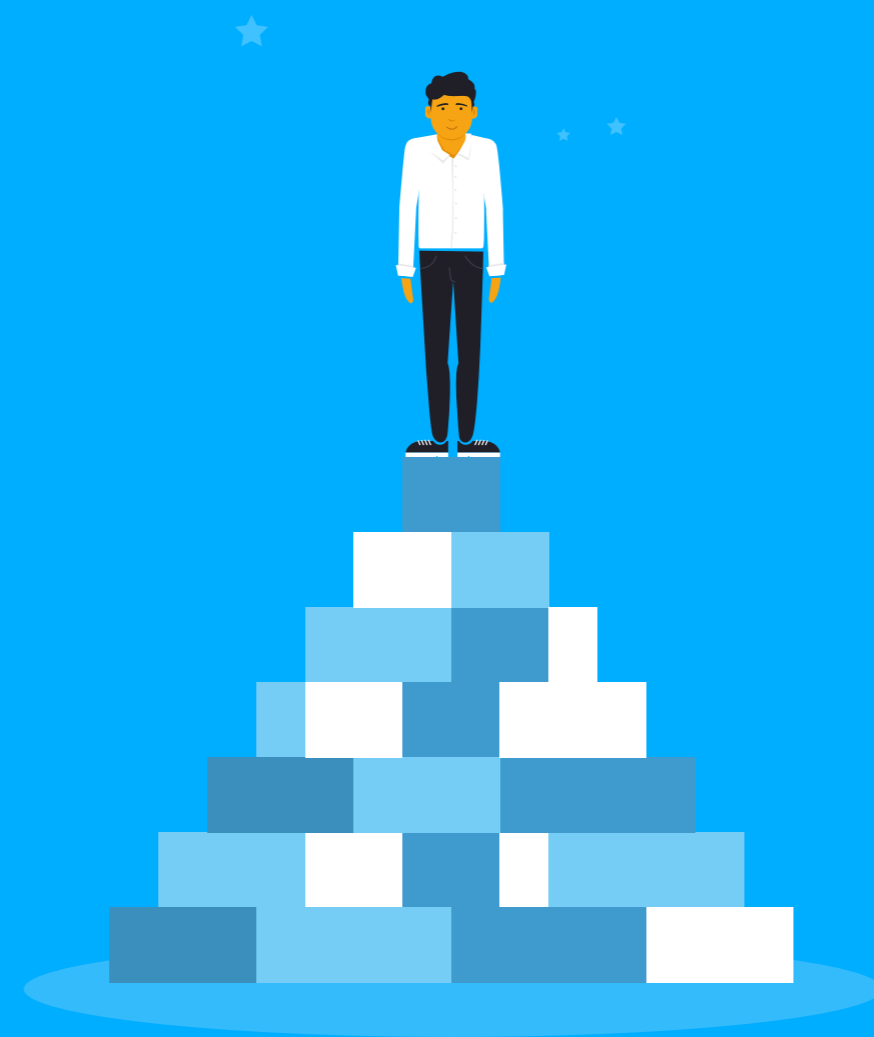
VS

Without ADC

You must migrate your application yourself and pay an additional fee to benefit from a granular backup systems and not only snapshots. In case of downtime, you must organise yourself the recovery of your application.

Expert opinion

If companies prefer outsourcing commodity services (email, office software, storage...) and keep on-premises the critical applications, it is generally because of the instability reputation of public clouds. ADC has been built on flash technologies and 20 years of experience in complex and critical architectures. This technological stability is made stronger by the constant infrastructure monitoring by our Network Operations Centre to keep latencies and downtimes to the minimum.

No Kidding Cloud Services

#4 Simplicity

Your developers now need to create a VM!

They deploy it in a few minutes, because they can quickly select the applications and services they need to create in the marketplace, with the guarantee that they will be up-to-date. In a few minutes, the VM is ready.

VS

Your developers must create the disk before the VM. They look for applications and services they need, check that they have the latest version and install them themselves on the VM.

Expert opinion

Simplifying a public cloud's usage doesn't only mean making the interface prettier! The most important part is to help companies adopt the DevOps model, and help the IT services regain control on the infrastructures by simplifying the developers' access to the cloud, which will grant them a greater autonomy in using and managing the infrastructures.

No Kidding Cloud Services

#5 Services

After creating several VMs, your developer realises he always installs the same application, an operation that could be automated.

With ADC

They are a phone call away from the ADC team to accompany them with script creation and deployment automatization.

VS

Without ADC

They will take the bull by the horns and read the technical documentation of their cloud provider's APIs to learn how to create scripts. They then test them until they work.

Expert opinion

The inconvenient with as-a-service technologies is that, often, companies are left to their devices to manage and operate those solutions. ADC's objective is to offer the best possible cloud experience to companies, which means personalising the delivered services according to the needs and requests of each customer. And that diversity cannot tolerate a frozen standardisation.

No Kidding Cloud Services

#6 Adaptability

For norms and security reasons, you must keep your sensitive applications on-premises. But to facilitate their usage, you need to modernize the infrastructures they are installed on.

With ADC

You don't have to choose between the cloud and on-premises infrastructures anymore, since you can get the ADC cloud on-premises with MyADC for your legacy applications, and the ones than cannot be migrated to public clouds.

VS

Without ADC

You turn to hyperconvergence to grant your legacy applications all the power they need and begin the modernisation of your infrastructure. You have to manage separately your on-premises IT systems and your public cloud services.

Expert opinion

We truly believe that with the cloud, companies should not have to choose what has to stay on-premises on legacy infrastructures and what can be move to the cloud. That is why MyADC meets the same performance and flexibility requirements as a public cloud, without having to move sensitive data or applications beyond the company's walls. And to avoid partitioning the on-premises infrastructure and the public cloud, MyADC can interface with your public cloud to harmonise the environments management.

No Kidding Cloud Services

#7 Agility

To arbitrate between your various usages, costs, risks... to make it short, not to put all your eggs in one basket, you need to diversify your cloud providers.

With ADC

Not only have ADC and MyADC been conceived to be interoperable with any OpenStack cloud provider and Microsoft Azure through an Express Route, but the ADC team is there to help you find the best cloud for your usage and to migrate your data to that platform.

VM
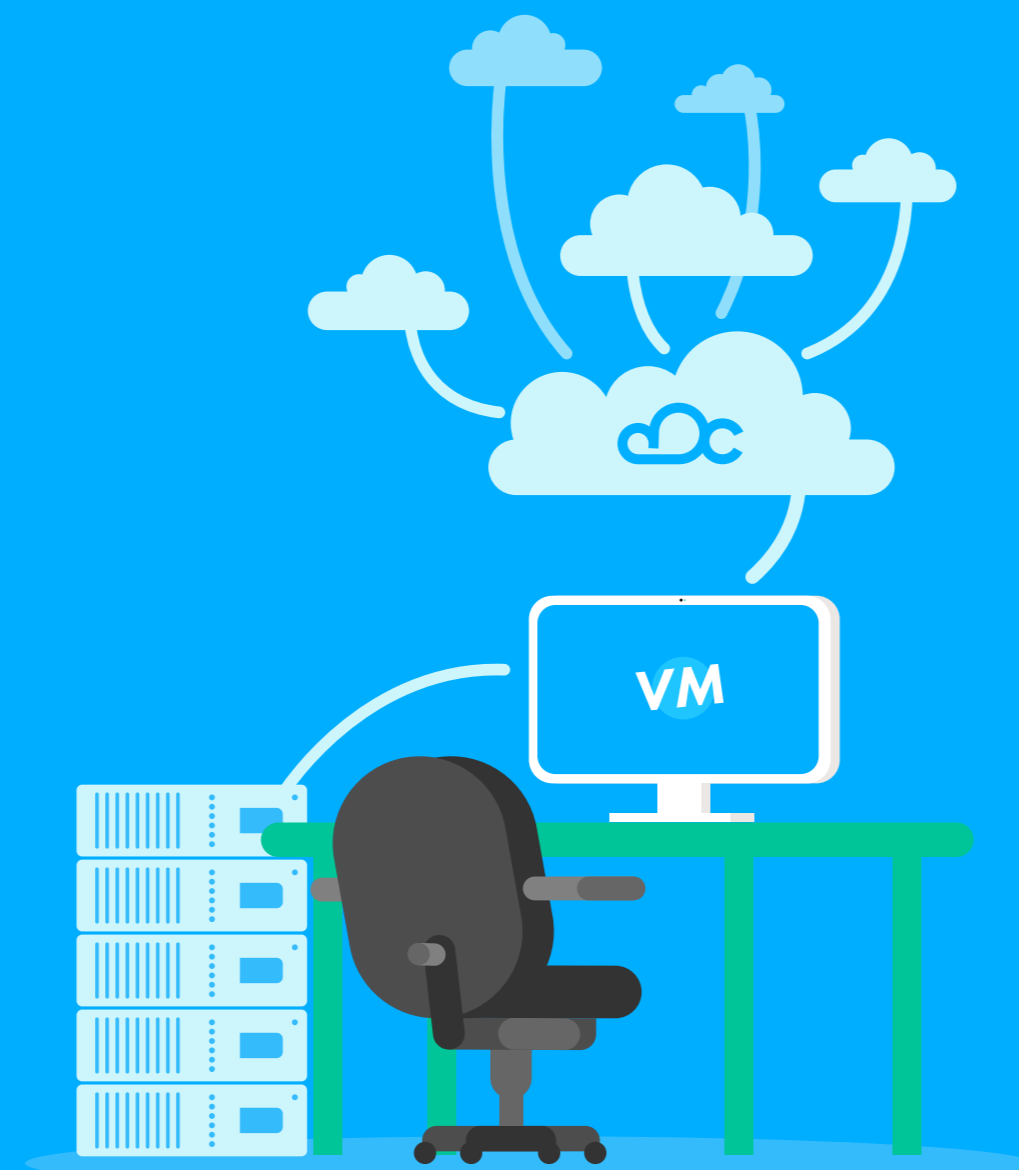
VS

Without ADC

You need to find ways to interface your private cloud with your provider. If the obstacles prove themselves too steep, you will need to go through a specialised cloud company to accompany you.

VM

Expert opinion

No Kidding Cloud Services

We do not think that multiplying public cloud providers is an infidelity or a betrayal. We advocate the right to choose so that companies don't get stuck with a frozen urbanisation of their IT systems, because we do not think that a single cloud can meet all the needs of a company. It is why we enable an easy combination between ADC and MyADC, as well as a simple interoperability with other providers, all driven through a unique portal.
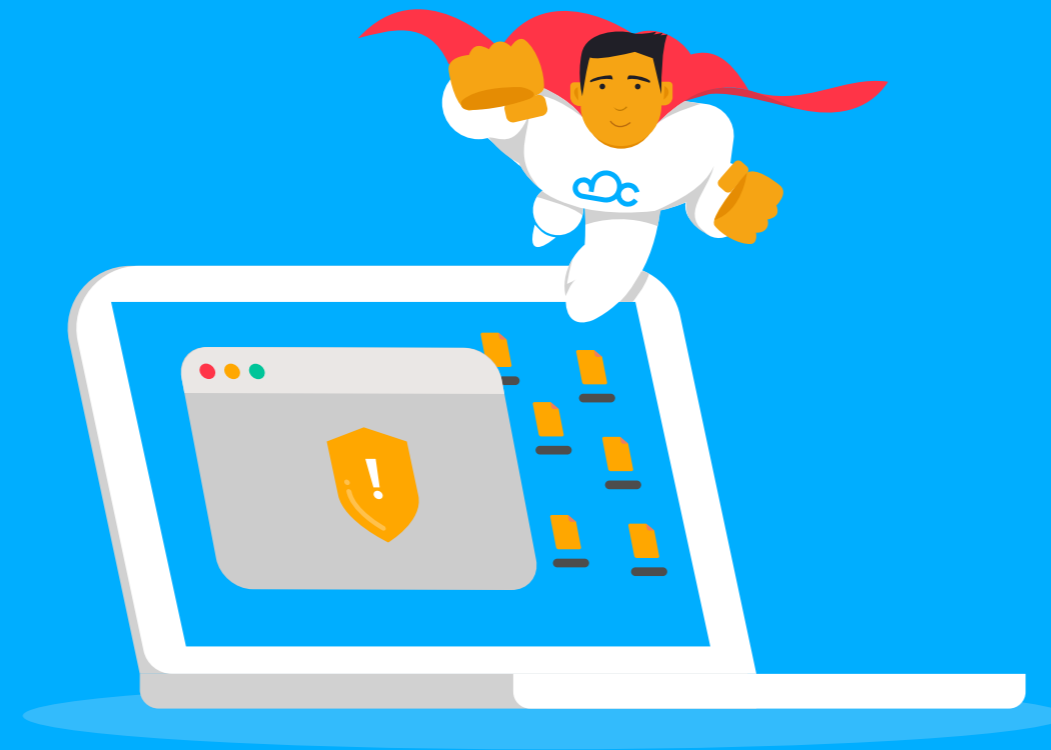
#8 Security

Hackers have decided to pick on you and target your provider!

You are warned by phone by ADC's Security Operations Centre (SOC) as soon as a suspicious activity is detected, to avoid the smallest downtime and apply the necessary corrective actions.

VS

Without ADC

During the time they need to solve the incident, your cloud provider has temporarily blocked the access to your service. With no choice in the matter, you wait patiently for the problem to be solved without any possibility of talking to someone to accelerate the process. Of course, you don't receive any news in the meantime.

Expert opinion

If the security is a challenge by all companies, its execution is still complex, especially with public clouds. To counter that, ADC has built a complete cybersecurity offer with operational and technical solutions, from disk encryption to setting up a dedicated Security Operations Centre (SOC), to meeting the ISO 27001 norm's conditions.

No Kidding Cloud Services

#9 Transparency

It's the end of the month and you get your cloud provider's bill!

With ADC

No surprises, you have set up your resource usage threshold. Without your explicit permission, your teams didn't exceed the expected usage. You will receive your detailed bill to help you pinpoint which teams have caused extra billing so you can invoice them if necessary.

VS

Without ADC

Aïe

You're hoping that the amount will be close to what you were expecting... unlike last month...

Expert opinion

Public cloud providers tend to only work with bills, which means that companies pay for what they use. It may be flexible, but can be hard to manage for the purchasing department. To redefine the rules, ADC works with a quote system: a price defined at the beginning, with an easy-to-understand price list. The transactions may be longer, but the usage becomes thoughtful and predictable.

#10 Freedom

For business reasons, you want to move some data that was hosted by a cloud provider.

With ADC

ADC helps you get your data back in a format that you can immediately operate, or send to another cloud provider.

VS

Without ADC

You bend over backwards to get your data back, and when you finally do, they are in a proprietary format used only by your cloud provider. You must now fight again to make them operable.

Expert opinion

Do you know wasp traps? A trap that is easy to enter, but hard to get out of? That is the feeling some companies share when they try switching public clouds, and that is before talking about the hidden cost of getting their data back and migrate it to another provider. Above all, ADC aims at offering a cloud solution that is tailored for your needs. If you think that we don't get the job done, we have no interests in keeping you indefinitely, and we will even help you so that your leaving is as painless as possible.

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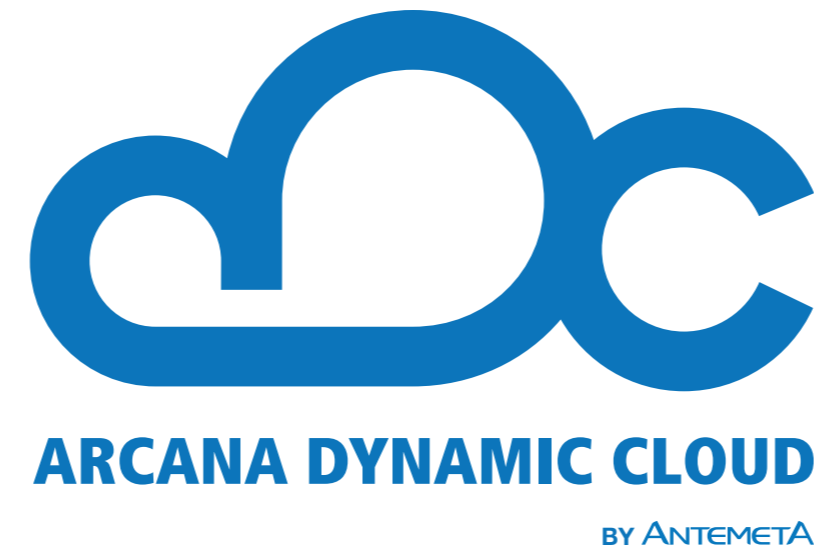
Of course, we are not asking to take our word on it, but if the situations we have illustrated match your challenges, we will be happy to put our cloud to the test of your needs.

www.arcanadynamicloud.com

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