

# 10 Easy Steps into the Cloud

Rethinking Modernization.

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# 1

## **Cloud Adoption starts in your Head**

Everything starts with your Organization. Especially if you want to prepare your organisation for the Challenges of tomorrow. Adopting the Cloud is not just another Cost Center for IT. It is a Paradigm Shift and a Promise to reduce your cycle time by adopting new application architectures and deployment processes.

# 2

## **Metrics are the guardrails to success.**

There is a ton of metrics captured and measured in the cloud, but it is not about quantity. Instead of measuring trendlines in shiny Powerpoint presentations it is all about putting data and graphs into context. Are the numbers of Services and Containers available really that important? How does Success really look like?





# 3

## **Set your Developers Free.**

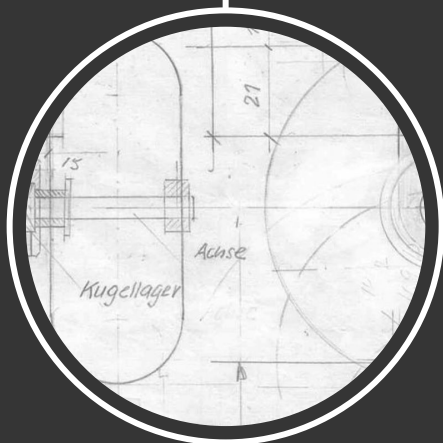
Developing Software is a creative Art. And with every Art, there is either a great structure that unlocks tremendous potential or unordered Chaos. You cannot have one without the other... If the only tool you have is a hammer, all of a sudden every problem begins to look like a nail...

## Data is driving your strategy.

Believe us. No modern Application, no matter which underlying Architecture works without access to Data. They have been, are currently and will remain the currency of digital organisations. Their importance to the use case decides about their residency of storage, and the place about your cloud strategy.



# 5



## DIY – will never be finished

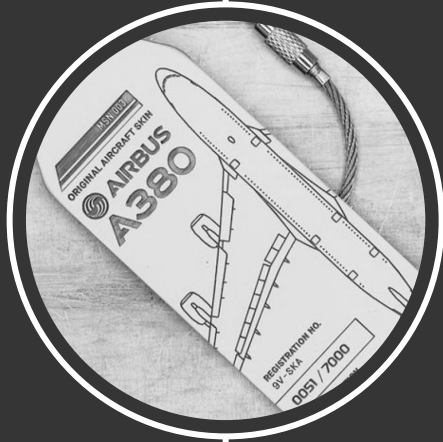
Would you build a house yourself? From planning over execution? Foundation to the Ceiling? What about plumbing electricity and connectivity? What appears to be easy and standardized from the outside, becomes cumbersome and tedious when thinking about it in detail. Even the simplest of DIY Architectures require a plethora of specialists to be realized.

# 6

## Know your Applications.

Applications are much like Offspring. As a Developer you take them from idea to productive life. Every child has its own needs and requirements. Some have to scale extraordinarily well, others just have to work once a year





# 7

## **Develop Migration Scenarios.**

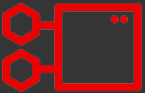
Recycle the old. Just because Infrastructure is changing, you don't necessarily need to rebuild your applications from scratch. Sometimes you can re-host or re-architect. Only what is really outdated needs to be rebuilt. Develop standardized Migration Criteria.



# 8

## Developing the right App, instead of building Apps right.

It took 14 years, but finally BER has opened. Smoke needed to be through the cellar, Escalators were too short, Monitors broken, Cable Spaghetti and Danger to Collapse. You should not start building without the right blueprints...





# 9

## **Operations is the fine art in the Cloud.**

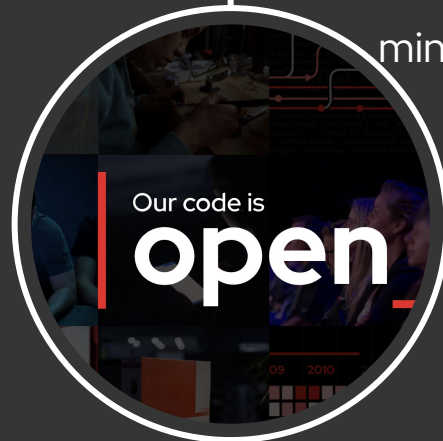
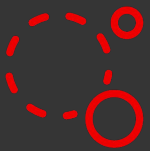
No matter how pretty something is presented, the devil is most often within the detail. If all teams, just circulate around ops, or you have stiff processes, and doomed to stand still? Just because you bought a formula 1 racing car, you are not driving the fastest lap...

# 10

## Don't forget about the secret sauce

Innovation starts with Collaboration.

Bring your Teams together, because only through collaboration something great will be created. Genius ideas are the step into the future. Adopting Open-Source Technologies makes your step a minimal one to enter Innovation.




# Thank you

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## Ready to innovate?

Finden Sie heraus, ob Ihr Unternehmen bereit ist, neue Technologien einzusetzen.

Machen Sie den Test.

# Die Zukunft Cloud-nativer Entwicklung ist Quarkus

Sehen Sie sich das Video vom Red Hat  
Quarkus Day an!

[Jetzt Video ansehen](#)

## Container, Cloud und Microservices

- 1) Die neue Welt startet ganz oben (Organisatorische Änderungen, DevOps, Transformation)
- 2) Die richtigen Metriken Definieren (Warum in die cloud? Wie gut können wir erfolg messen? Anzahl Microservices?)
- 3) Schränken Sie ihre Entwickler nicht ein (Entwicklerproduktivität ist kritisch, Self Service)
- 4) Denken Sie über Ihre Daten nach (Datenhaltung on premise, public cloud, Governance, Migration, Kosten)
- 5) DIY ist kein Spiel (Plattformen müssen bestimmte Funktionen beinhalten. Outer Architecture, K8, Security, SRE Möglichkeiten)
- 6) Kategorisieren Sie Ihre Applikationen
- 7) Definieren Sie Migrationsscenarien (Rehost, Replatform, Refactor)
- 8) Das Richtige, richtig bauen und betreiben. (Leadership, Product, Development, Architecture, Operations)
- 9) „Wer viel misst, misst Mist“ (Die richtigen Metriken für SRE finden)
- 10) Die geheime Zutat nicht vergessen.