



Erfolgreich in die Cloud


Wie das Well Architected und das Cloud Adoption Framework den Weg in die Cloud erleichtern...

Sven Weitz

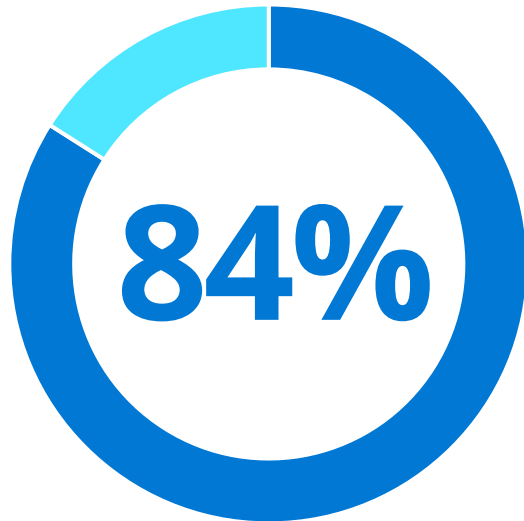
Associated Partner - Solution Area Cloud,
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Niels Ophey

Senior Cloud Solution Architect,
Microsoft Deutschland GmbH



WAS BEDEUTET DIE CLOUD-MIGRATION FÜR IHR UNTERNEHMEN?

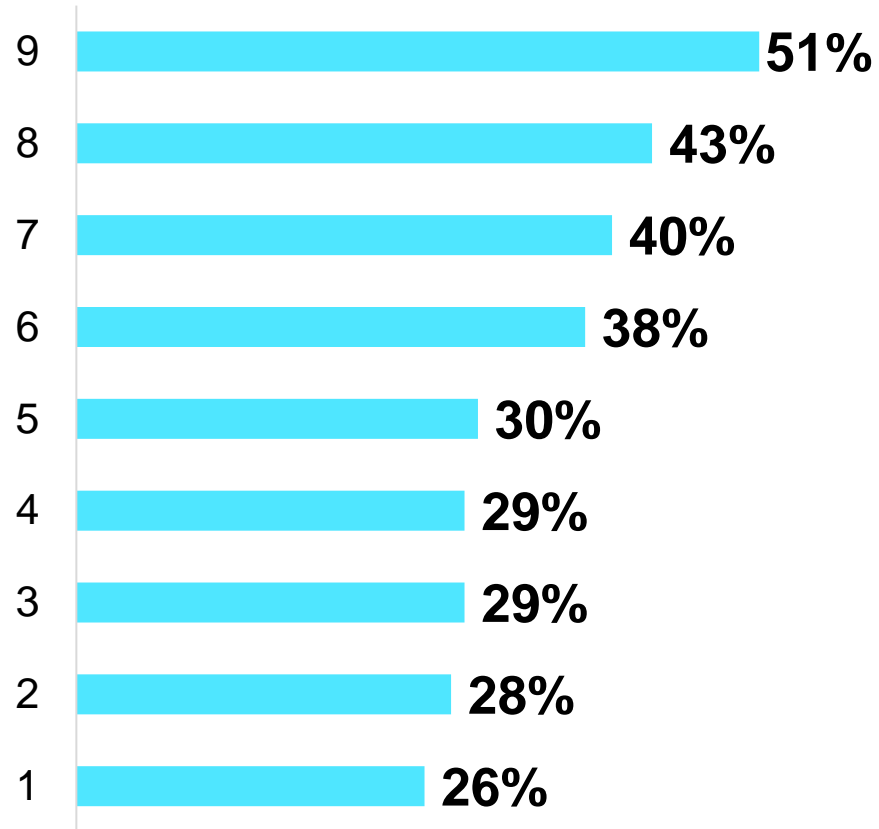


der IT-Führungskräfte geben an, dass der CIO zu einem „Change Maker“ wird und zunehmend Geschäfts- und Technologieinitiativen leitet.

Welche Innovationen möchten Sie vorantreiben und wie kann die Cloud-Migration dabei helfen?

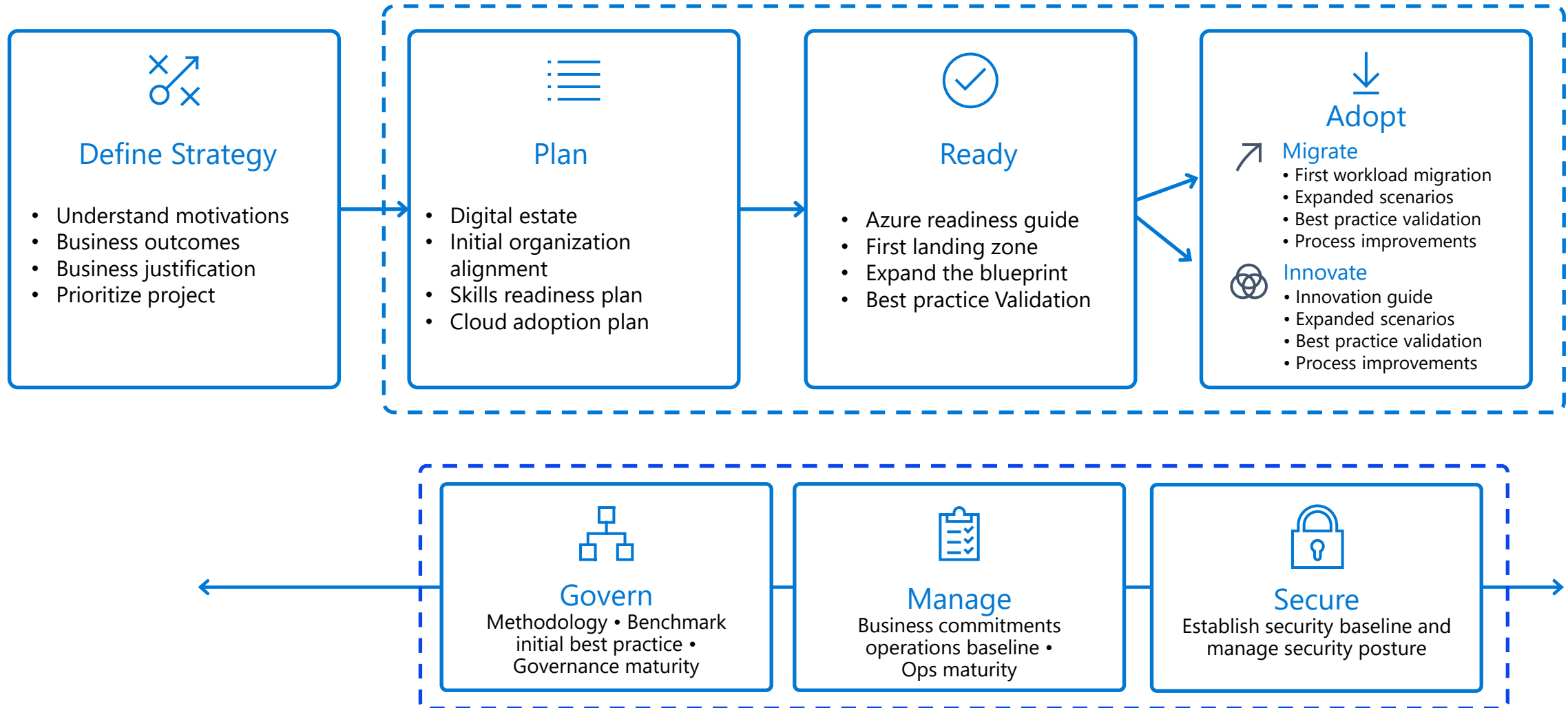
ZEITZUWEISUNG FÜR WICHTIGE IT-INITIATIVEN

SIND SIE IN DER LAGE, SICH AUF WERTTREIBER ZU KONZENTRIEREN?



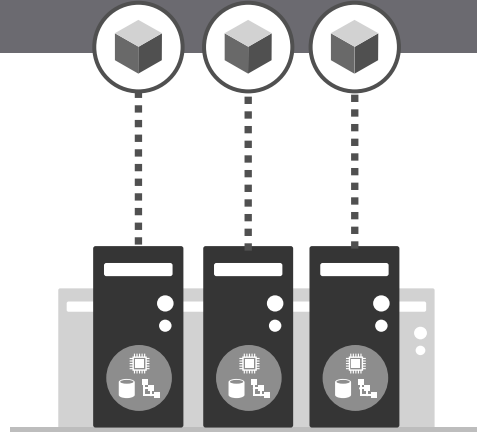
Wofür verwendet Ihr IT-Team heute Zeit?
Worauf würden Sie sich am liebsten konzentrieren?

MICROSOFT CLOUD ADOPTION FRAMEWORK FÜR AZURE

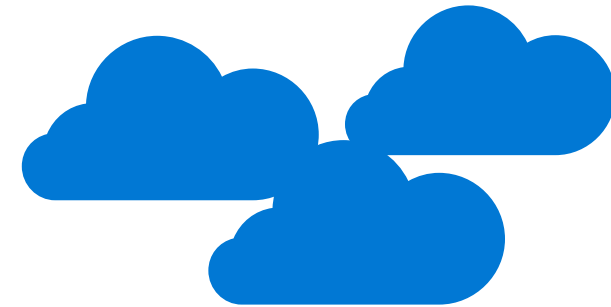
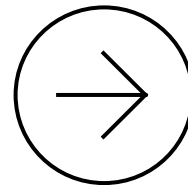


Ein *iterativer Prozess*, der Ihr Unternehmen unterstützt ... Auf dem Weg in die Cloud!

ANFÄNGLICHE ORGANISATIONSAUSRICHTUNG – PARADIGMEN WECHSEL

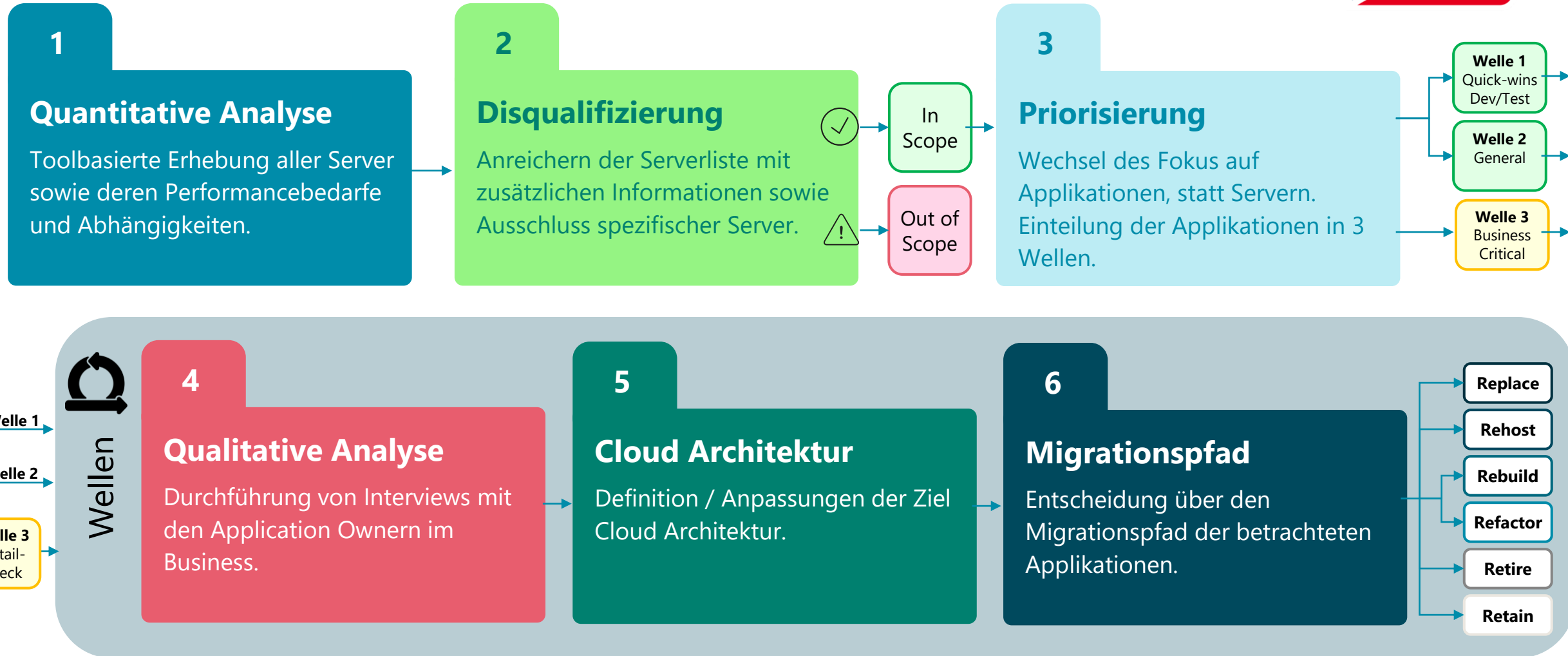


Servers



Services

CUSTOMER SAMPLE – DIGITAL ESTATE AND MIGRATION PATH





„aber wohin mit den Applikationen?“





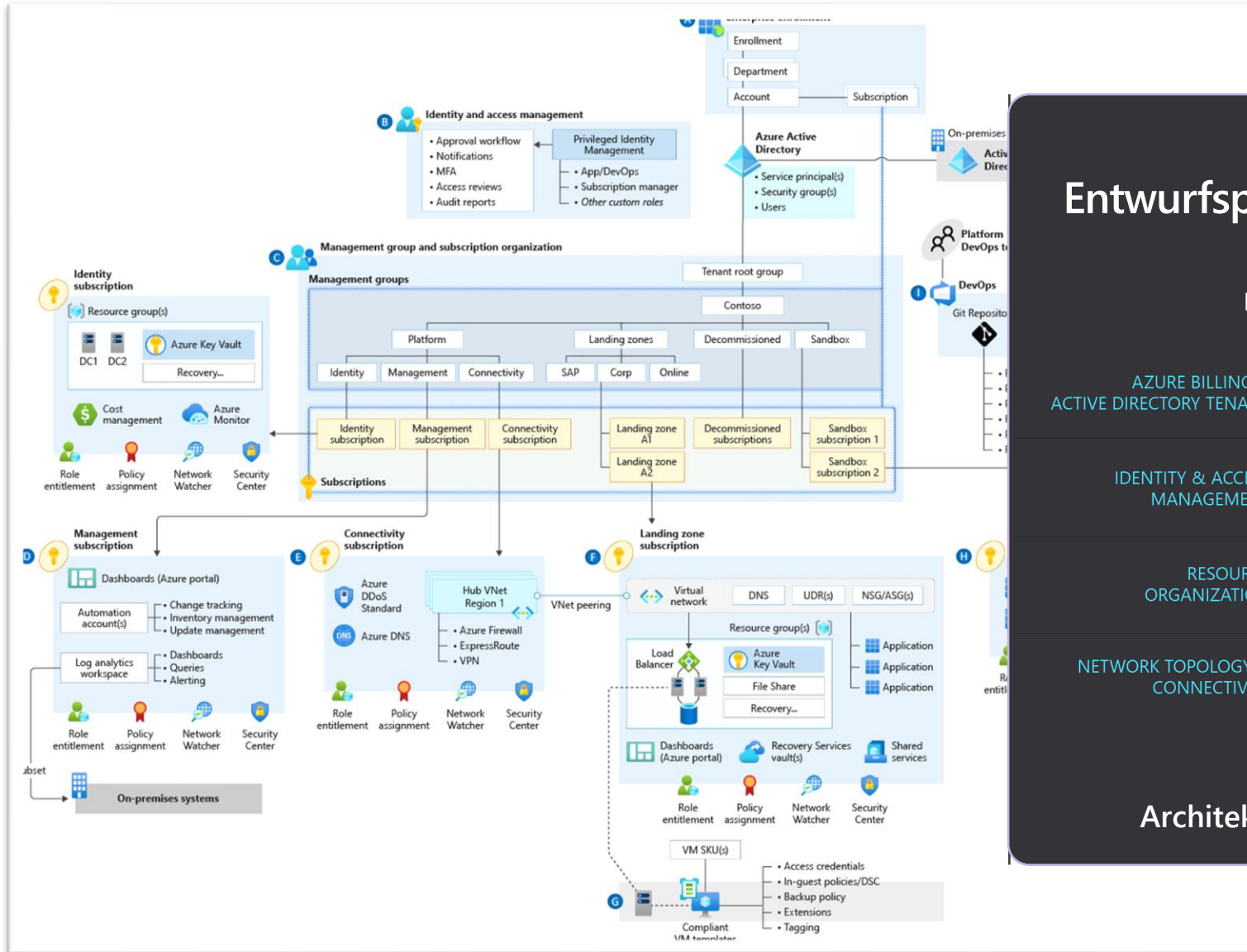
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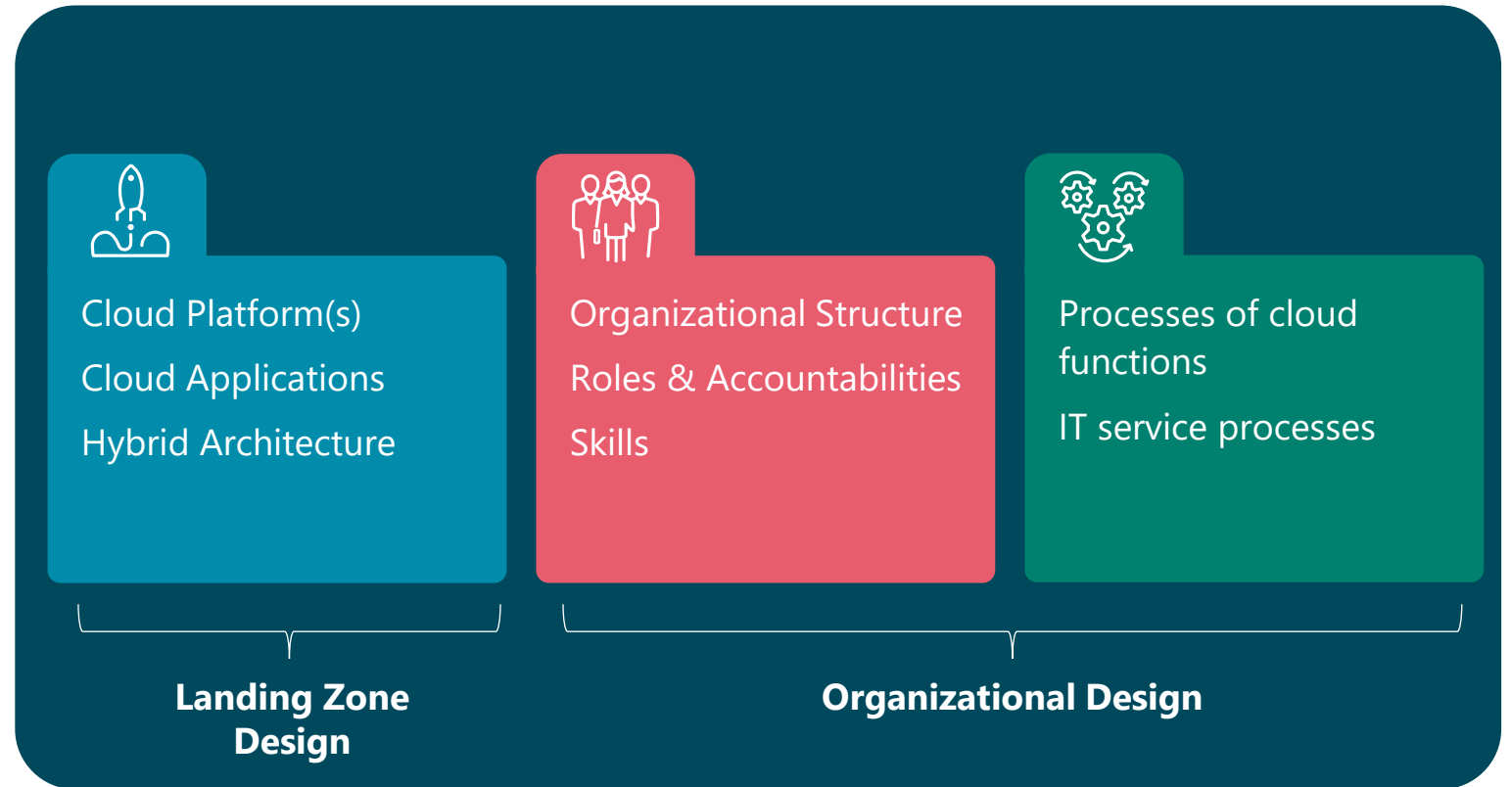
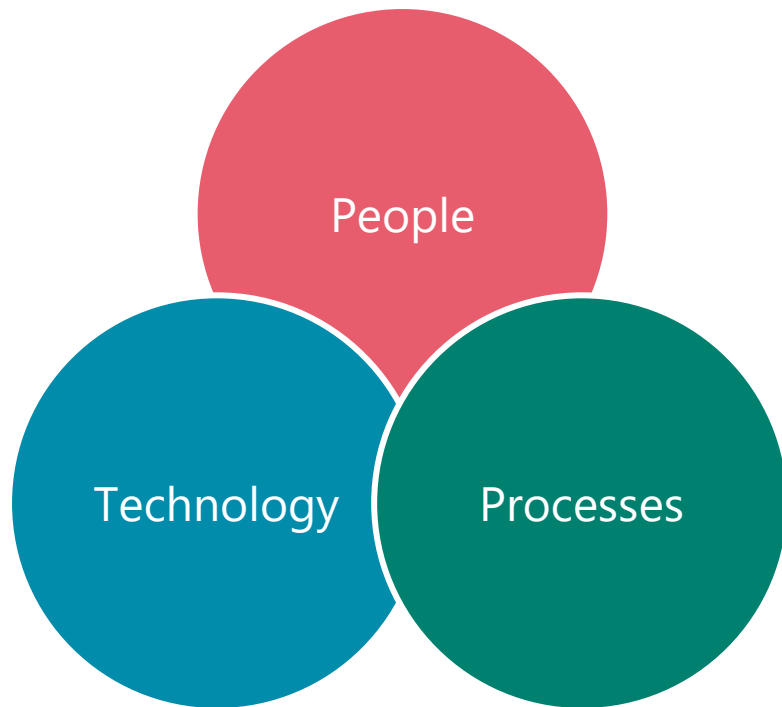


Entwurfsprinzipien für Azure-Landing Zonen



CUSTOMER SAMPLE – CLOUD OPERATING MODEL

DIMENSIONS



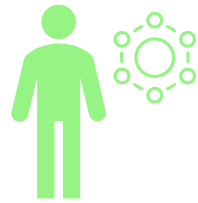
CUSTOMER SAMPLE – CLOUD ROLES & GUIDING PRINCIPLES



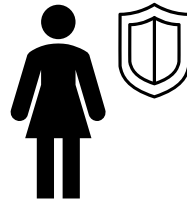
Azure Platform Owner



Azure Platform Engineer



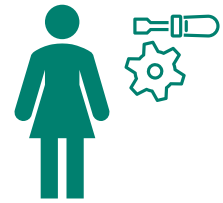
Cloud Network Engineer



Cloud Security Engineer



Cloud Governance Manager



Cloud Applications Engineer

Guiding Principles

Cross functional

Each role requires a basic understanding of the Microsoft Azure environment.

Functionality > Roles

Roles have certain responsibilities. However, responsibilities can also be shared or delegated if necessary.

People ≠ Roles

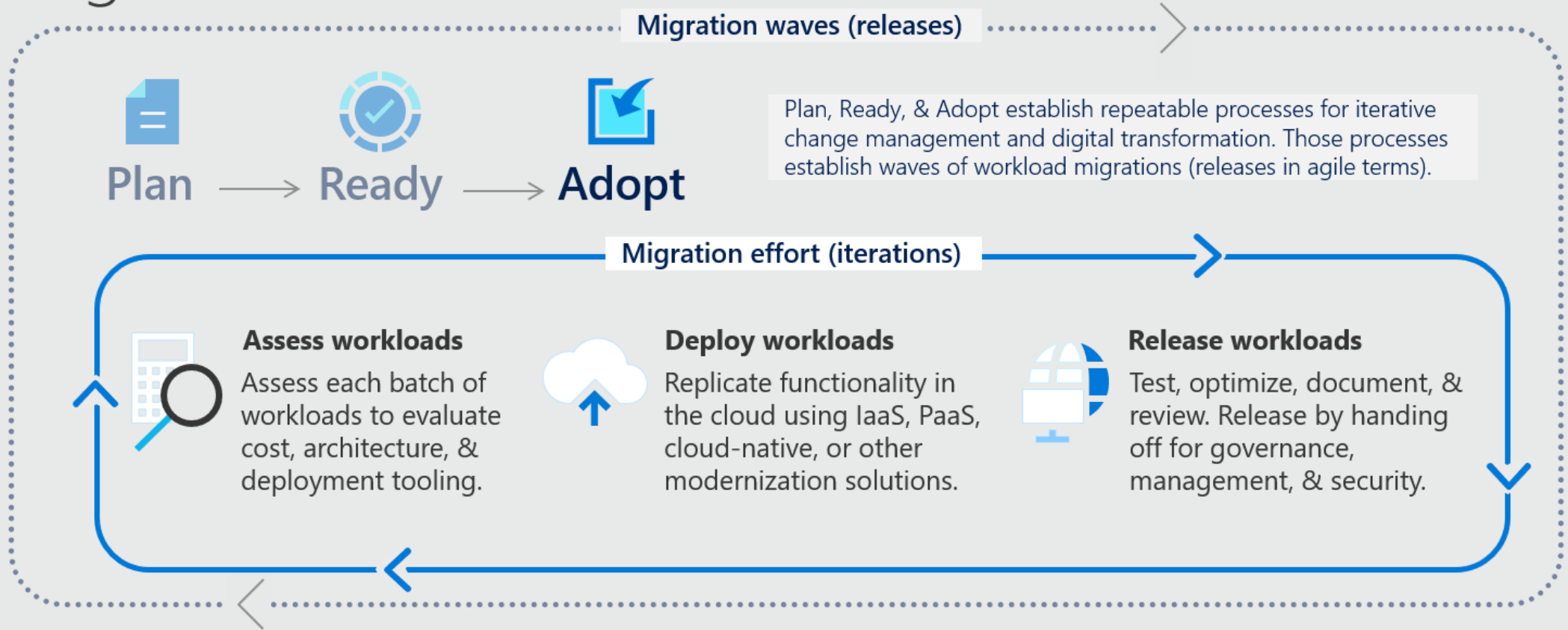
One person can have multiple roles. One role can be shared between multiple people.

Lifelong Learning

Because technology changes fast, so skillset and responsibilities of each role evolve.



Migrate

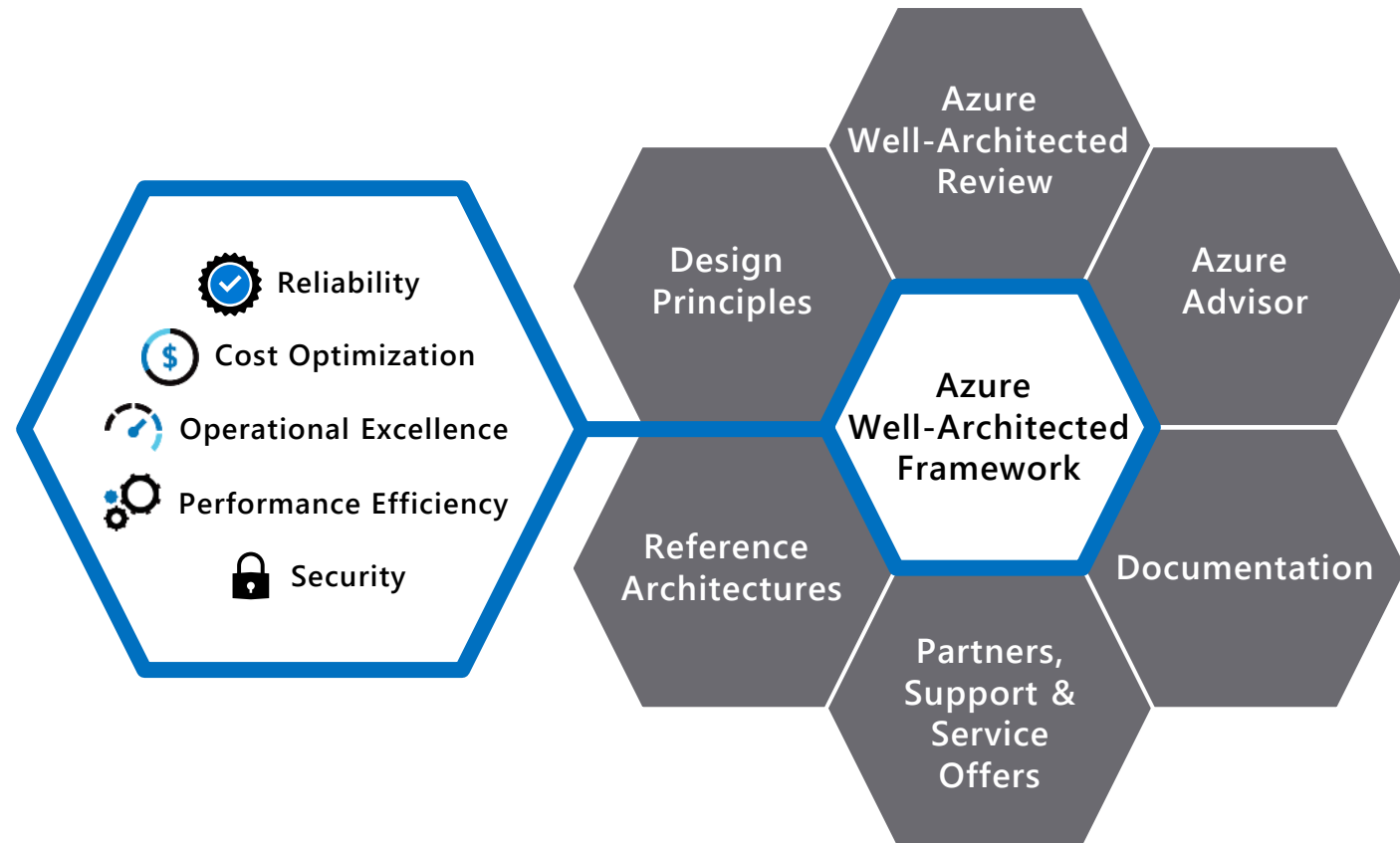


WELL-ARCHITECTED FRAMEWORK

Erstellen Sie Workloads mit der Sicherheit von bewährten Best Practices

Entwerfen Sie leistungsstarke Workloads mithilfe umfassender technischer Anleitungen

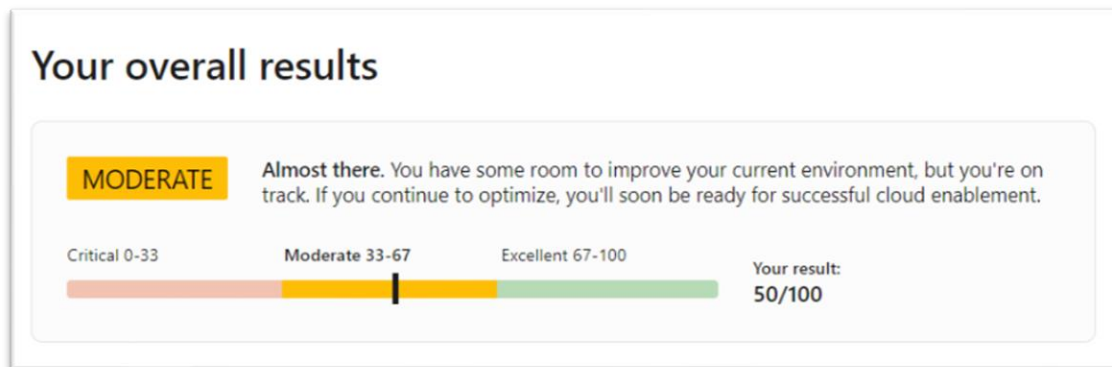
Optimieren Sie Workloads mit umsetzbaren Schwerpunktbereichen



AZURE WELL-ARCHITECTED REVIEW

Bewerten Sie Workloads mit den Dimensionen des Microsoft Azure Well-Architected Framework:

1. **Machen Sie sich** mit der Well-Architected-Ebene Ihrer Workload-Umgebung **vertraut**.



2. Befolgen Sie die technischen Anleitungen, um die nächsten Schritte zur Verbesserung der Qualität Ihrer Workloads zu erhalten.

Before you get started, consider [Signing in](#) to save your progress.

Azure Well-Architected Review

Examine your workload through the lenses of reliability, cost management, operational excellence, security and performance efficiency [30 minutes].

Assessment name *

Azure Well-Architected Review - [your project name]

Choose your interests

- Cost Optimization**
An effective architecture achieves business goals and ROI requirements while keeping costs within the allocated budget.
- Operational Excellence**
To ensure that your application is running effectively over time, consider multiple perspectives, from both an application and infrastructure angles. Your strategy must include the processes that you implement so that your users are getting the right experience.
- Performance Efficiency**
Prioritize scalability as you design and implement phases. Scalability leads to lower maintenance costs, better user experience, and higher agility.
- Reliability**
In a cloud environment you scale out rather than buying higher-end hardware to scale up. While it's always desirable to prevent all failure, focus your efforts in minimizing the effects of a single failing component.
- Security**
Security is one of the most important aspects of any architecture. It provides confidentiality, integrity, and availability assurances against deliberate attacks and abuse of your valuable data and systems. Losing these assurances can negatively impact your business operations and revenue, as well as your organization's reputation in the marketplace. In the following series of articles, we'll discuss key architectural considerations and principles for security and how they apply to Azure.

[Next →](#)



Current Situation

Focus of our customer was on flexibility and independence from IT operations for business sides.

More and more business areas started deploying new and migrating existing workloads into Azure.

The businesses' flexibility led to a rise of public cloud consumption costs by 38% YoY from 2018 to 2022.

→ a Cost Optimization was necessary



Challenges

Business owners are responsible for deployed cloud resources without the IT having the mandate to change parameters directly.

Triggered changes must not cause changes in performance, downtimes or other business impact.

Due to a huge application landscape and many stakeholders involved, the process of saving costs must be mostly automatic.



Solution / Result

Defining use cases which can be applied in almost any case without impacting the business.

Setting up management overviews to create transparency about potential as well as actual savings.

Creating follow-up mechanism including features such as "allow-listing" of specific instances.

FOLLOW-UP

CLICK TO EDIT



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Mehr über CAF erfahren:

CAF Einführung

Willkommen auf diesem Lernpfad | CAF Einführung

<https://caf-expert.github.io/caf-intro/>

Willkommen auf diesem Lernpfad

Einführung in das Cloud Adoption Framework für Azure auf Deutsch

Ziel dieses Lernpfades ist es, die Grundlagen zum Cloud Adoption Framework (CAF) zu vermitteln und durch die wichtigsten Module und Hilfsmittel zu leiten.

Was ist eigentlich das Microsoft Cloud Adoption Framework (CAF)

Einführung in das Microsoft Cloud Adoption Framework

View the Project on GitHub
[caf-expert/caf-intro](https://github.com/caf-expert/caf-intro)

Module in diesem Lernpfad

- Microsoft Cloud Adoption Framework (CAF) Einführung
- Microsoft Cloud Adoption Framework (CAF) Strategy, Plan and Ready
- Microsoft Cloud Adoption Framework (CAF) Adopt
- Microsoft Cloud Adoption Framework (CAF) Govern
- Microsoft Cloud Adoption Framework (CAF) Manage
- Microsoft Cloud Adoption Framework (CAF) Organize
- Microsoft Cloud Adoption Framework (CAF) Secure (optional)

Wichtigsten Quellen für das Microsoft Cloud Adoption Framework (CAF)

This project is maintained by [caf-expert](#)

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<https://aka.ms/cafintro>

SESSION FEEDBACK

Session Title: Wie das Well Architected und das Cloud Cloud Adoption Framework den Weg in die Cloud erleichtern



<https://aka.ms/AzSum-S028>

Vielen Dank!