



Exploit the VMware ecosystem for your cloud transformation

Great that you're going digital to drive innovation.
But how do you solve the migration and management challenge in the multi-cloud?

Applications create the value for your business. Thus, if you think about cloud transformation, you always have to put applications in the focus. This is what we call an application-centric approach. Putting the application in the center of a cloud transformation is easier said than done. You might face some challenges when you start to transform. You can exploit the rich VMware ecosystem, that you already know, to help you along this journey to a digital future and simplify your move to a multi-cloud world.

The T-Systems/VMware center of excellence

Accelerating your digitalization journey VMware and T-Systems offer a risk-minimized approach to a fast, secure and reliable transformation. We bundled our experience, capabilities and services in a center of excellence that covers legacy migration and multi-cloud management: We combine products from a strong VMware ecosystem plus transformation, operation, and cloud expertise. Thus, we bridge the gap between the old world and the new world of IT and make you get the best out of VMware. With a 360° application-centric approach we help you to gain freedom of choice: Run your applications flexibly on any platform you want.

The VMware center of excellence provides several services that support you along your transformation journey. These services can be used separately or in any combination that suits you – the combination makes you get more out of the VMware ecosystem:

- Cloud migration services
- Cross-cloud management services
- Application modernization
- Container management
- Managed security services

Cloud migration services

In our migration factory we perform migrations of existing applications to the VMware ecosystem on any cloud – be it AWS, Azure, Google Cloud or a Private Cloud like our Future Cloud Infrastructure (FCI). For this unified service offering, we use VMware's proven methodology and tooling based on VMware HCX. Services include detailed discovery, analysis, and planning. With our unique migration methodology and toolchain, migration complexity is simplified, de-risked, and ensures successful migration of workloads without unplanned outages while being cost efficient. The holistic approach addresses the end-to-end migration life-cycle in a plannable, predictable, scalable, and repeatable manner.
Migrations become easy.

Cross-cloud management services

Multi-cloud is reality. While you want to take the maximum from the native ecosystems of hyperscalers, you need to manage the minimum requirements for multi-cloud management: cost, security, compliance and performance.

Manage and compare costs for similar resources across multiple clouds to prevent waste. Set security policies you want to enforce across workloads on any cloud. Ensure that business processes that span applications in multiple clouds are measured consistently across those clouds so that you know the end to end business process performance.

For managing the various clouds, we offer a unified cross-cloud management plane that automates delivery, optimizes resource consumption, provides observability and insights. The management plane also enforces consistent governance and security.

Substitution of manual tasks by automation reduces errors and ensures efficient cross-cloud management. With cross-cloud management services you have a strong foundation to run your applications in a platform-independent manner.

Application modernization

The most important step is to modernize applications to exploit cloud advantages and fulfil future business demands. Digitalizing your processes moving away from the 3-tier application architecture to cloud-native microservices-based architectures, you can use **Future Cloud Infrastructure Tanzu Services**.

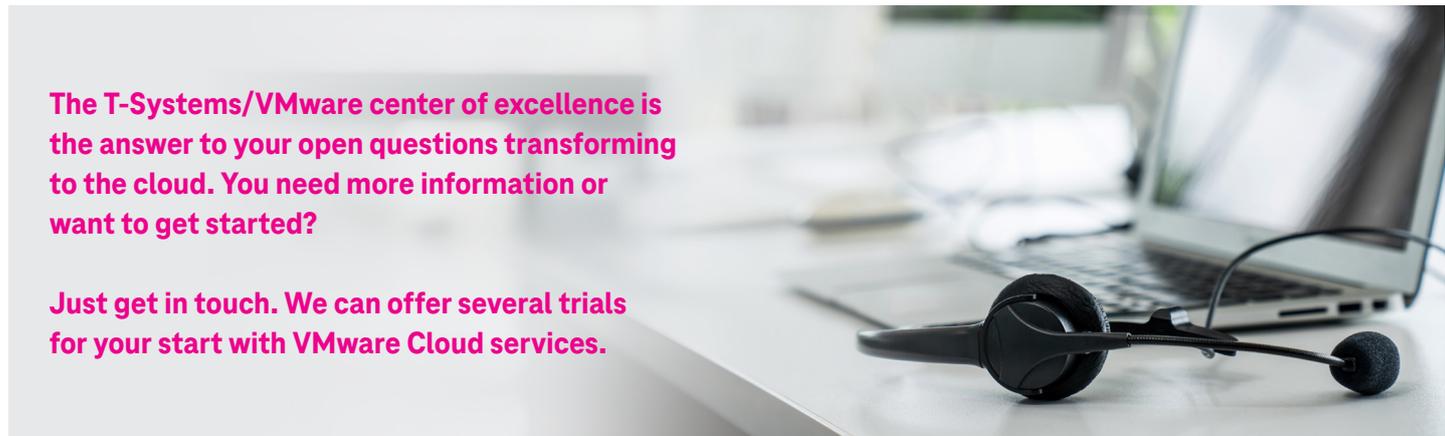
Every application modernization effort is based on a CI/CD pipeline (Continuous Integration and Continuous Deployment) consisting of dozens of tools all connected to each other to achieve continuous deployment. Tanzu is supporting you with onboarding your existing toolchain into Tanzu. It will speed up your digitalization projects significantly (50% or more) with best practice deployment patterns and guardrails.

Container management

But, Tanzu surely can also take care for container management – as containers are a crucial part of your move to a cloud-native landscape. They allow for platform-independent operations and move of workloads. But with containers new management efforts arise. Tanzu foundation, SaaS services and application services level up platform virtualization to Kubernetes virtualization and decrease operation costs up to 40 percent. With this, Tanzu developers are unburdened from managing container platforms.

Managed security services

Also, for such diverse modern landscapes, enterprises need to incorporate comprehensive security measures for the protection of infrastructures, data and users. **With Carbon Black, Future Cloud Infrastructure Intrusion Detection Systems, Intrusion Prevention Systems and Endpoint Detection and Response** you receive holistic cyber security integrated in the most compelling ecosystem. Beyond that, T-Systems as the most trusted Security Operations Center provider in DACH, adds several security services to the VMware-based workloads on any infrastructure.



The T-Systems/VMware center of excellence is the answer to your open questions transforming to the cloud. You need more information or want to get started?

Just get in touch. We can offer several trials for your start with VMware Cloud services.

QUESTIONS?

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