

Navigating the *Future* of Virtualisation

Exploring Flexible, Cost-Effective Strategies



The Hypervisor Shake-Up: The Case for Exploring an Alternative Strategy

The virtualisation landscape is evolving — fast. As more organisations embrace hybrid and multi-cloud environments, the need for flexible, scalable, and cost-effective solutions is more important than ever. At the same time, advances in technology and shifting business priorities are prompting IT leaders to re-evaluate long-standing infrastructure decisions.

Now is the ideal moment to review your virtualisation strategy. Whether it's to improve resilience, reduce complexity, or gain greater control over future architecture choices, exploring alternative approaches can unlock new value and ensure your platform evolves with your organisation.

At Telefónica Tech UK&I, we've experienced this shift firsthand. As a global organisation managing extensive cloud infrastructure, we're re-evaluating our own hypervisor strategy—and we're here to help you do the same. We'll work with you to assess your current environment, test new solutions, and guide you in making the right choice for your organisation.

One option we're actively evaluating is HPE Morpheus VM Essentials. Built on the solid foundation of Morpheus technology, VME's development has been fast-tracked by HPE following its acquisition of Morpheus in 2024, enabling it to better meet the needs of modern hybrid and multi-cloud infrastructures. It's emerging as a robust, enterprise-ready solution that simplifies management and migration while continuously improving in cost efficiency and performance. With its development roadmap focused on unified management and seamless migration from VMware, we're closely tracking its evolution to help you make informed decisions.

Why Now is the Right Time to Rethink Your Strategy

Rising infrastructure costs, increasing platform complexity, and the growing importance of flexibility are pushing many organisations to consider alternative virtualisation solutions. As licensing models evolve and operational demands grow, more IT leaders are re-evaluating whether their current environment still meets their needs — both today and in the future.

Now is the time to explore virtualisation solutions that offer flexibility and cost-efficiency — without compromising on performance. **HPE Morpheus VM Essentials** offers a low-risk path forward by allowing you to **test in parallel** with your current environment to evaluate performance, stability, and cost efficiency without committing upfront. This approach lets you validate your environment and workloads, ensuring that should you decide to migrate production workloads, you can do so with complete confidence.



The Key Benefits of HPE Morpheus VM Essentials

HPE Morpheus VM Essentials is a Kernel-based Virtual Machine (KVM)-based hypervisor running on Ubuntu 22.04 LTS, designed to provide enterprise-grade virtualisation with a focus on cost efficiency, simplified management, and migration simplicity.

Core benefits included:



Cost-Effective Licensing

HPE Morpheus VM Essentials offers per-socket licensing, which is more affordable than VMware's subscription-based model, allowing you to stretch your IT budget further.



Seamless Migration

Morpheus VM Essentials simplifies the migration from VMware, offering built-in tools that help you convert your VMs with minimal downtime and disruption.



Unified Management

You can manage both your HPE Morpheus VM Essentials and VMware environments from a single, familiar platform. This helps reduce the complexity of your infrastructure while streamlining operations.



High Availability & Live Migration

Morpheus VM Essentials enables seamless workload transitions between hosts, ensuring that your operations stay up and running without interruption.



Efficient Storage Migration

Migrate your data quickly with minimal downtime, ensuring business continuity.



Freedom to Choose

Run Morpheus VM Essentials alongside your existing VMware environment, allowing you to test and transition at your own pace. This flexibility helps you avoid being locked into a single vendor.

According to HPE, by modernising with HPE GreenLake cloud and Morpheus VM Essentials, organisations can achieve **up to five times lower** TCO (total cost of ownership) compared to traditional hypervisors.

A Roadmap for Continuous Improvement

As part of its ongoing development, **HPE Morpheus VM Essentials** is continuously evolving to provide even more value. The **roadmap** for Morpheus VM Essentials includes enhancements like:



Unified Management

Simplify how you manage multiple virtualisation environments.



Enhanced Performance & Scalability

Ensure Morpheus VM Essentials can scale with your growing needs.



Seamless VMware Migration

Take full advantage of streamlined VMware migration as future updates roll out.

We're keeping a close eye on Morpheus VME Essentials' development, ensuring that as your partner, we can help you stay ahead of the curve and fully leverage the latest improvements.

Stay ahead of the curve



Your Partner in Virtualisation Strategy

We understand that adopting a new virtualisation strategy is more than just a technical decision. We don't just help you transition from one hypervisor to another, we ensure that the solution fits your broader hybrid and multi-cloud strategy.

As we've witnessed, it's important to think beyond single-vendor solutions. By evaluating your unique needs and leveraging our expertise in hybrid and multi-cloud approaches, we'll guide you in choosing a solution that enhances your flexibility, resilience, and agility. Whether you're moving workloads to the public cloud or optimising a multi-cloud environment, we make sure your hypervisor strategy aligns with your overall cloud vision.

Our team will work with you every step of the way, offering tailored advice and hands-on support to ensure a smooth, cost-efficient transition. Whether you're looking to migrate to HPE VME or explore other alternatives, we're here to help you achieve a cloud strategy aligned to your unique requirements.

Our Services Include:

- 1 Free Infrastructure Assessment**
Optimise your current VMware environment with a **free HPE CloudPhysics assessment**. Identify cost-saving opportunities and areas for improvement.
- 2 Hypervisor Migration Strategy**
Our experts will guide you through the process of transitioning to HPE VME or other hypervisors, ensuring a smooth and risk-free migration.
- 3 Hybrid & Multi-Cloud Strategy**
We'll help you design flexible, cost-efficient cloud architectures, giving you the resilience and agility you need to thrive.
- 4 End-to-End Migration Support**
From planning to deployment, we'll ensure your migration is seamless, with minimal disruption to your operations.
- 5 FinOps Consultancy**
We embed continuous cost optimisation in your cloud strategy, ensuring you maximise the value of your technology investments.
- 6 Managed Services with FinOps**
Our managed services integrate FinOps principles and tools to continuously optimise your infrastructure and cloud costs, ensuring you get the most out of your investments.



The Future of Virtualisation

What Lies Ahead

Looking ahead, it's clear that alternative hypervisors like HPE Morpheus VM Essentials are gaining traction. As more organisations migrate to hybrid and multi-cloud environments, the need for flexible, cost-efficient solutions will only increase.

As your partner, we're here to help you stay informed and ahead of the curve as new developments unfold.

Get Started: Request a Free Trial

Are you ready to explore how **HPE Morpheus VM Essentials** can streamline your VM management? Let's take the next step together. **Request a free trial** to see how VME can work for you and start your journey toward a more cost-effective, flexible virtualisation strategy.

Request a Free Trial



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Telefónica Tech unlocks the power of integrated technology, bringing together a unique combination of the best people, with the best tech and the best platforms, supported by a dynamic partner ecosystem to make a real difference to every business, every day.