

Smart Virtualisation Optimisation DATASHEET

Virtual and Cloud environments are complex. Every decision about application workload demand - what to place where, when, and in what order - impacts every other entity and resource in the data center. It's complex and dynamic, and supporting it requires visibility into application demands to enable more accurate delivery of infrastructure and application performance assurance.

For many organisations their virtualised environment suffers from sprawl, bolting on more and more compute and storage for new services, and more costly software licensing too. I.T. are trying to stem the flow, and maintain performance by turning to new infrastructure platforms such as Flash; but in reality this is a Band-Aid if it's not done with visibility into the actual performance requirements of the workloads that you're running.

Nephos virtualisation optimisation service provides visibility into the performance of your infrastructure stack, identifying areas of optimisation, improving VM density by up to 30% and identifying cost reduction and spend avoidance in the process.

Our Service

Nephos Technologies has developed our virtualisation optimisation service to bring visibility into the performance of your applications and infrastructure, regardless of the storage medium or hypervisor.

Real Benefits

Nephos Technologies' Virtualisation Optimisation Service is a platform to accurately forecast and provision infrastructure based on your workloads. It provides our customers with a level of visibility into their application landscape that is unrivalled:

- ▶ Visibility into application workload performance requirements
- ▶ Visibility into current infrastructure performance
- ▶ Increase VM density by 30% without risking service disruption
- ▶ Enable spend optimisation for infrastructure
- ▶ Recommendations on optimisation, not just buying new infrastructure
- ▶ Enables more accurate forecasting for infrastructure supply

The goal of Nephos' virtualisation optimisation service is to identify areas of application performance issue within your infrastructure, as well as those that may appear in the future based on utilisation and potential growth of your workloads. Nephos also provides optimisation recommendations from a performance standpoint to make sure that applications get the resources they need, identifying areas where VM density and cost reduction. Nephos will also provide guidance for alternative infrastructure delivery models such as Flash, hyper-converged or Cloud infrastructure delivery.

The Process

Nephos' virtualisation optimisation service is straightforward and transparent, with no need to make extensive changes to infrastructure, or provide dedicated physical infrastructure to deploy our data collection software. Our data collection tools are delivered as a virtual appliance on your infrastructure, with no need to deploy agents on physical or virtual hosts.

Once deployed we passively scan your infrastructure, with no impact to performance or downtime, collecting performance information from your infrastructure. This data collection process is typically run for a period of 2 - 4 weeks depending on the scale of your infrastructure.

Nephos exports the relevant data for analysis; the output of which is our assessment report. This is provided to our customers ahead of time but is delivered in a face-to-face session to present our findings and recommendations for optimisation of the existing infrastructure.

The Output

Following the analysis of the data collected, Nephos provides our customers with a single report that details the following:

- ▶ Identification of current performance issues
- ▶ Identification of potential future performance issues
- ▶ Optimisation recommendations (VM density and performance optimisation, license optimisation)
- ▶ Recommendations on alternative strategies

In addition, within the same document, Nephos also provides our recommendations for optimising the existing infrastructure stack and potential alternative delivery models.

Whether you're experiencing performance problems, if you're looking to deploy new infrastructure, or if you just want to health check your existing environment, Nephos' Virtualisation optimisation service provides the visibility that you need.

About Nephos

Nephos Technologies is the UK's first independent Cloud Services Brokerage (CSB); helping businesses seeking to develop, implement and optimise their Cloud strategy.

Nephos Technologies can work with your business in a number of ways, whether that's developing a Cloud strategy, helping you to migrate into the Cloud, or delivering Cloud compute and storage infrastructure; we make sure that you get best value.

Without our own Cloud infrastructure to provide, Nephos are uniquely positioned to be able to do so independently across multiple providers, vendors and deployment methods.

Through our ecosystem of partners, Nephos are able to provide a true end-to-end solution across all Cloud infrastructure types.

If you'd like to find out more about Nephos Technologies, the customers that we work with or the services that we provide then please contact us by phone on: +44 (0) 8453104105 or by Email at sales@nephostechnologies.com