

Data Centre Consultancy Service - VMware and Hybrid Cloud Assessment

Context

Do you have enough data and insight to assess the efficiency of your VMware and Hybrid Cloud estate? Do you have visibility of potential risks? Are you considering moving to a public cloud and have a clear understanding of costs? Are you clear on how you could make savings through better use of existing assets? If the answer is no to any of these questions, then we need to talk.

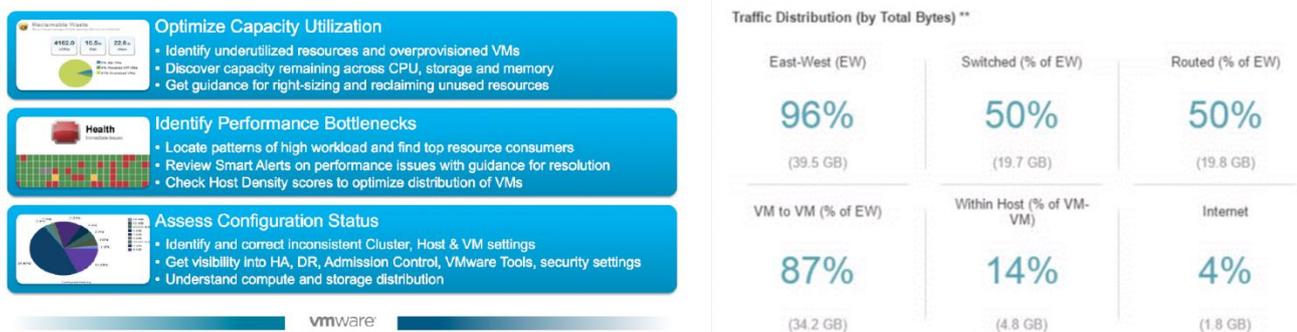
Our offer

The **VMware & Hybrid Cloud Assessment** is a no cost audit of your estate. By running advanced, non-intrusive tools, the assessment will highlight ways to optimise your environment, identify potential risks and detect issues that might impact the overall performance of your environment and applications. The audit analyses and highlights the status and makes recommendation in the following areas:

- Configuration
- Performance
- Capacity
- Cost comparison against different cloud models
- Network flows
- Environment assessment
- Plan and enforce network policies

Assessment Scope

The purpose of the audit is to give insight into your VMware virtualized (private cloud) environment, highlight areas for improvement, and provide Public cloud (AWS/Azure) cost comparisons. This allows you to determine its health and efficiency, and suggest areas to improve efficiency or reduce expenditure. The images below give a flavour of the analysis:



By combining the data from the Vendor-specific tools with our insight and Data Centre expertise, we can help you to realise the following benefits:

- Support ongoing administration by giving a detailed insight in to the VMware estate
- Identify options to free up capacity, removing the need for additional hardware and licensing by analysing usage of resources
- Optimise licences though highlighting idle VMs
- Analysis of East to West and North to South traffic to zero in on performance bottlenecks and eradicate areas of poor performance
- List ways to improve availability and uptime by identifying and reducing configuration errors
- Map current growth trends of the environment, enabling more effective forecasting and planning for new workloads

- Private and public cloud cost comparisons

Pre-requisites

- Remote access to the customer VMWare estate.
- For Network Analysis reports, vSphere distributed switching is required
- For full in-depth Cloud Assessment, vRealize Operations Manager is required (can be installed as part of the engagement on a temporary license if not already deployed)

Engagement

Ideal will arrange an initial scoping call between you and our Data Centre Architect to discuss the engagement and any specific requirements or ongoing issues. The service runs in a vSphere environment, by installing the VOA, Hybrid cloud assessment tool and/or vRNI appliances. Ideal will remotely install the required tool(s) to monitor the environment for between 7 to 30 days. The results will then be collated, analysed and used to create a report highlighting findings and recommendations. The report will form the basis of a Webex conference with you to offer advice on follow up actions required.

Outputs and Deliverables

After completion of the assessment, Ideal will provide a detailed report that will be reviewed on a call between you and the Ideal Data Centre Architect. The report will contain insight in the following areas:

- **Configuration:** A detailed view of what's configured such as number of hosts/VMs
- **Efficiency:** Insight into how well optimised the environment is, with opportunities to claim back resource, for example underutilised VMs
- **Risk:** Identification of potential future problems e.g. disc space running out.
- **Health:** Overview of the health of the environment, highlighting issues such as hosts with network ports down or VLAN mismatches
- **Network:** Flows and optimisations
- **Cloud:** Cost comparisons

Please contact your Account Manager or call 01273 957536 to request your Assessment.