Digital
Infrastructure

SDDC Cloud Management Accelerator
for VMware

At a glance

The **SDDC Cloud Management Accelerator** is specifically designed for customers who have already taken the first step towards a VMware® Software-Defined Data Centre. It transforms the way in which existing VMware vSphere® virtual infrastructure resources are consumed, managed and monitored by implementing a simple VMware Cloud Management Platform (CMP) using the components of the VMware vRealize® suite.

Why Cloud Management?

The VMware Cloud Management Platform (CMP) is the management control plane for the software-defined data centre (SDDC) and provides an accelerator into the cloud where it can be used to manage and monitor a multi-vendor hybrid cloud solution.

Feature Benefits

- Increase IT productivity by optimising virtual platforms and by enabling automation of infrastructure provisioning

- Reduce downtime for applications through automated business continuity, virtualisation aware security and compliance

- Proactively identify and solve issues with predictive analytics to ensure optimum performance and availability

- Provide the ability for IT to enact the right level of controls on the business to increase agility, reduce risk and cost

- Provide transparency into the cost characteristics of IT services across a multi-vendor cloud

Key Use Cases

- **IT Automating IT** - automate the delivery and ongoing management of production-ready infrastructure and application components across multi-cloud environments to reduce the time it takes to respond to requests for IT resources and to improve the ongoing management of provisioned resources

- **Intelligent Operations** - proactively address health, performance and capacity management of IT services across heterogeneous and hybrid cloud environments to improve efficiency, performance and availability

- **DevOps-ready IT** – build a cloud solution for development teams that can deliver a complete application stack; support developer choice by providing both API and GUI access to resources; and provision resources across multi-cloud environments. Extend the solution scope by addressing continuous delivery to further accelerate application development

Activities and Outcomes

Xtravirt's service delivers the following:

- Workshop sessions resolving organisation strategy requirements, constraints and operational readiness

- Capturing of specific use cases and design workshops to outline configuration requirements

- Design and Deployment of a standard SDDC Cloud Management Platform that includes automation, cost management and performance and capacity management features

Typical duration: 11 weeks

Core Products

The core products utilised in this engagement are:

- **VMware vRealize® Automation** - provides administrators with the ability to provision and configure storage, network and compute resources across multiple private and hybrid cloud platforms

- **VMware vRealize® Orchestrator™** - a powerful automation tool designed for system administrators and IT operations staff to streamline tasks and remediation actions and integrate these functions with third-party IT operations software

- **VMware vRealize® Business for Cloud** - automates cloud costing, consumption analysis and comparison, delivering the insight needed to efficiently deploy and manage cloud environments

- **VMware vRealize® Operations Manager™** – delivery of intelligent operations management from applications to infrastructure across physical, virtual and cloud environments

- **VMware vRealize® Log Insight™** - delivers heterogenous and scalable real time log management that provides deep operational visibility and faster troubleshooting across physical, virtual and cloud environments

About us

Xtravirt is an experienced consulting firm dedicated to delivering outcomes to help customers solve their IT challenges. We design and build strategies to help customers unlock the full potential of cloud, datacentre and workspace technology.

Our core business covers digital infrastructure, hybrid cloud, digital workspace and cybersecurity. Our services include advising strategy and direction, optimising and integrating technology and teams through to delivering end-to-end IT transformation programmes.