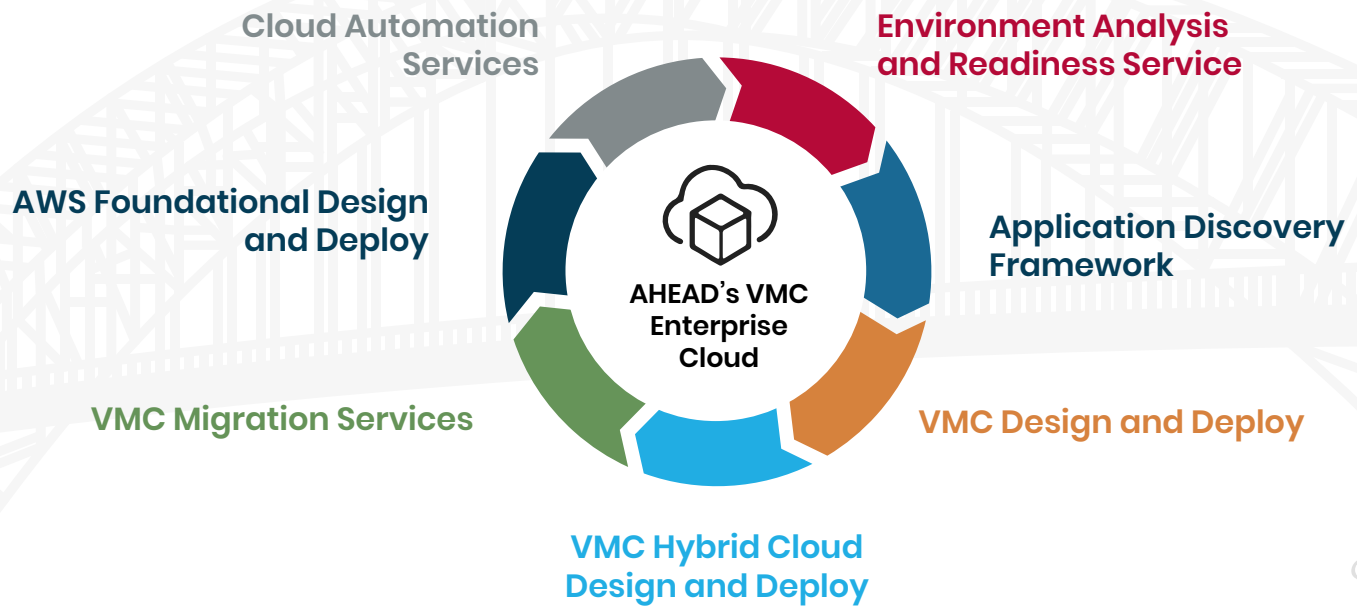


# AHEAD FOR VMWARE VMC



## BUILDING THE BRIDGE

### Environment Analysis and Readiness Service

- Prepares and validates your environment for vSphere 6.5 and VMC integration.
- Creates and executes a holistic vSphere 6.5 upgrade plan to enable future use of Hybrid Linked Mode to move workloads between on-premises & VMware Cloud on AWS (VMC).
- Designs and implements VMware Site Recovery to enable automated disaster recovery to VMC.

### Application Discovery Framework

- Discovers and maps applications with an understanding of application dependencies, a critical component of a successful cloud migration.
- Acquires a complete understanding of the application environment as an input for a comprehensive cloud strategy to build migration waves and plan for a successful cloud migration or hybrid design (ex. DRaaS).

### VMC Design and Deploy

- Architects and Sizes your VMC environment based on your application needs providing a planned roadmap for future growth based on application roadmap.
- Designs and Deploys your VMC environment, extending your on-premises infrastructure while enabling them to consume native cloud services.

## VMC Hybrid Cloud Design and Deploy

- Leverages NSX and vRealize Network Insight to span networks.
- Centralizes security policies to support cross-vCenter and long-distance vMotion.
- Accelerates the deployment of application stacks by orchestrating delivery of network and security services through integration of NSX with vRealize Automation.
- Implements highly available connectivity between VMC and on-premises vSphere environments by designing optimal underlays for NSX that combine well-architected AWS VPC designs with DirectConnect transports from providers.
- Plans for, as available, VMC Integration with native AWS services such as: S3; Elastic File System; Elastic Load Balancing (and others).

## CROSSING THE BRIDGE

### VMC Migration Services

- Uses Application Assessments and programmatic migration framework to create migration waves, migration windows, and technical and executive reporting to move workloads between on-premises datacenter, colocation facility, and VMC.

### AWS Foundational Design and Deploy Engagement

- Builds from Programmatic Framework to consult, design, and deploy AWS Foundational Cloud solution.
- Includes education, customer and application specific design, and deployment of their AWS Cloud infrastructure, and operations framework.

### Cloud Automation Services

- Improves quality and consistency of services as well as speed of service delivery in key areas of automation, orchestration, and configuration management.
- Integrates VMC as a logical endpoint for cloud self service, as part of AHEAD's automation service design and deploy, using VMware vRealize Automation and Orchestrator.
- Implements the organization's CMDB / ITSM / ITIL processes using VMware vRealize Automation and Orchestrator, ensuring continued visibility, control, and security of your environment.

## AHEAD as Innovators and Leaders in the Enterprise Cloud Journey



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