

# INFRASTRUCTURE ANYWHERE ASSESSMENT

### **ON-PREMISES · OFF-PREMISES · MANAGED**

#### THE BUSINESS CHALLENGE

Businesses today have many options when it comes to where they run their important business applications and workloads. Organizations need to decide which application workloads are a 'good fit' for the cloud (public or private) from a technology, service level, compliance, and cost perspective. Businesses also must decide what on-premises IT infrastructure architecture and technology will cost-effectively meet the needs of those application workloads that are not good cloud candidates. The reality is that for most businesses, a hybrid IT environment that might consist of public cloud, private cloud, and on-premises application workloads will be the normal application delivery model for the foreseeable future.

CPP's Infrastructure Anywhere Assessment Service can help businesses navigate this journey to the hybrid IT environment.

The cloud has enabled businesses to break this classic IT cycle and deliver applications in more of a utility model where IT costs are based on usage and the business pays for what they consume as an operating expense. In addition, costs can be distributed to different lines of business based on their needs and their ability to add value to the business.

Application delivery by the cloud providers can take many forms. One form is Infrastructure as a Service (IaaS) where the business consumes on-demand infrastructure services (compute, storage, and networking), typically within the service provider's data center. Another model is Software as a Service (SaaS) where the business pays a recurring subscription to run a specific software package (e.g. CRM) in the cloud and only requires network connectivity to the cloud provider. A third delivery model is Platform as a Service (PaaS) where a combination of IaaS and additional software functionality (relational database, middleware, etc.) is delivered to the business.

# **ASSESSMENT OBJECTIVES**

The objective of the assessment will be tailored to meet the needs of the business but will consist of one or more of the following based on staff interviews, data collection, and target application workloads:

- High-level design and pricing estimates for public cloud Infrastructure as a Service (IaaS)
- Design and pricing of private cloud IT infrastructure
- Design and pricing of on-premises IT infrastructure leveraging HPE compute, storage, and networking technologies

#### **ASSESSMENT OVERVIEW AND TIMELINE**

The CPP Infrastructure Assessment consists of the following major steps and timeline:

**KICKOFF** 

Interviews with key IT stakeholders and tools installation

**DAY 2-8** 

Data analysis, cloud modeling, infrastructure design, and presentation preparation

**DAY 14** 

Project kickoff, stakeholder identification, tools installation discussion, and overall project scheduling

DAY 1

Data collection and generation of infrastructure inventory and performance reports

**DAY 9-13** 

Final presentation

## **DELIVERABLES**

The assessment deliverable consists of a report that defines:

- Business drivers
- Objectives of the assessment specific to the business
- Current infrastructureinventory
- Current workloadoverview
- Infrastructure options and estimated costs (on-premises, public cloud, private cloud)

## **MORE INFO?**

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