OnX Canada Professional Services
Workload Migration Reference Architecture

Organizations are actively moving to cloud, consolidating data centres, and expanding disaster recovery solutions across locations, or are making plans to do so within the next 12 to 18 months. Moving workloads, either to other locations or various forms of public, private, and hybrid cloud, requires an understanding of a wide variety of critical, interconnected systems, in order to enable a seamless transition.

Each workload within your environment connects to others, such as databases, credentials management, or functional systems. In moving applications, it is imperative that organizations understand how the underlying components are connected and supported. Attempting to move a single workload can have a cascading effect on connected components.

There are three main areas where organizations often require assistance with their migration to other hosted environments, public, or a hybrid cloud environment:

• **Workload Reference Architecture.** Understanding the complex interconnection of resources currently used for applications. This enables clients to move workloads in a "cohort" model to minimize impact. It also provides guidance on which workloads should or should not be targeted.

• **Security.** Securing the cloud across environments, including managing credentials such as Active Directory, as well as addressing privacy, security and data residency requirements.

• **Networking.** Moving workloads changes the dynamic of how a network operates. Using a Reference Architecture to optimize the network design will ensure you get the most of out your IT investment.

Why OnX?

OnX is one of North America's largest solutions providers. Our team of cloud and virtualization professionals are able complete a Workload Migration Reference Architecture, Workload Migration, and Cloud Security Analysis. We have experience with helping clients design, manage, and maintain their cloud platform and maximize the value of their investment across all public and hybrid cloud platforms.

Fast Facts:

• Data centre consolidation and migration to public cloud are key strategic initiatives.

• Public cloud services are used by over 65% of enterprises with most enterprises using up to three public cloud services.

• Migration requires understanding the underlying workloads and how they will operate in the target environment.

• A poorly planned migration can result in significant disruption, performance degradation, and downtime.

• Addressing key design areas such as security, credentials, and cloud management helps create a smooth transition.

• OnX can analyze, design and migrate your critical systems.

Who does this impact?

Clients who are planning or are currently migrating their environment to cloud or between data centres.

What should I do?

Contact your OnX Account Executive to discuss your cloud migration strategy and implementation plan.

About OnX Services

The OnX Professional Services team helps clients plan, design and build IT infrastructure solutions.
Our focus areas are: • Cloud and Virtualization • Data Protection • Networking and Security

	Area	Consult	Build	Transform	Support
Virtualization and Cloud	Private and Hybrid Cloud	• Cloud/VMware Assessment	• Cloud/VMware Design	• Cloud/VMware Implementation	• Cloud/VMware Optimization
	Public Cloud	• Workload Assessment	• Workload Design	• Workload Migration	• Cloud Strategy
	Microsoft Infrastructure	• Active Directory Health Check • SCCM Health Check	• Active Directory Design • SCCM Design	• Active Directory Implementation • SCCM Implementation	• Windows 10 Design and Deployment • Office 365 Deployment
	Desktop Virtualization	• VDI Assessment	• VDI Design	• VDI Implementation	
Networking and Security	Core Network	• Network Assessment	• Network Design	• Network Implementation	• Network Documentation
	Data Centre Network		• Data Centre Network Design • Storage Area Network Design	• Data Centre Network Implementation • Storage Area Network Implementation	• Data Centre Network Virtualization (Software Defined)
	Security Services	• Security Assessment (Basic) • Security Assessment (Formal)	• Security Design (Network/Data Centre)	• Security Infrastructure Implementation	
Data Protection	Backup and Recovery	• Backup and Recovery Assessment	• Backup and Recovery Design	• Backup and Recovery Implementation	• Backup and Recovery Documentation
	Replication and DR	• Replication and DR Assessment	• Replication and DR Design	• Replication and DR Implementation	

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