

# On-Premises Virtualized Workload to AWS Native Migration Assessment

Cloud



## SERVICE OVERVIEW

This assessment is invaluable if you are considering migrating your on-premises hypervisor infrastructure to AWS. CDW Canada's experts evaluate your current infrastructure, discuss total cost of ownership (TCO) principles for an AWS-native environment, identify potential migration blockers and risks, determine stakeholder access requirements and explore AWS funding opportunities to support your migration.

## SERVICE FEATURES & WHAT WE DO

CDW's Professional Services team will guide you through an AWS Assessment to ensure an efficient migration process, with a focus on security and cost optimization. The assessment will include:

- Analysis of the current on-premises environment to determine the technical and financial feasibility of migrating to AWS, ensuring that the transition is both practical and cost-effective
- Review your Microsoft Licensing Statement to identify opportunities for optimization and cost savings. Recommendations will be provided for cloud-based licensing models, leveraging existing investments in Microsoft software.
- A total cost of ownership (TCO) analysis comparing the current infrastructure costs (hardware, maintenance, licensing, etc.) with the projected costs of running equivalent workloads in the AWS Cloud. This will highlight opportunities for optimization and potential cost reductions.
- A proposed architecture tailored to your needs, focusing on improved uptime, resiliency and future scalability. The architecture will leverage cloud-native features such as auto-scaling, high availability and disaster recovery to ensure a robust and flexible infrastructure.

By combining these assessments with best practices for cloud migration, CDW's Professional Services team will ensure that you achieve a seamless, secure and cost-efficient transition to AWS.

## PREREQUISITES

- Customer's Microsoft Licensing Statement
- Remote access to the customer's network/data centres
- The infrastructure team will install the Cloudamize agent into the data centres and ensure only metadata, such as compute, memory and network details, is collected – no sensitive or personal data will be accessed by CDW.
- CDW will be granted only read-only permission to prepare the TCO comparison report.



- Tasks requiring admin-level privileges must be handled exclusively by your infrastructure team, ensuring no sensitive or critical information is visible to the CDW team or AWS teams.
- Provide a centralized/automated solution to push the agent package into the data centres.
- Login access to the network, servers or storage devices. The client will provide required login rights (e.g. username, passwords, authentication tokens, etc.)

## EXCLUSIONS

- Any migration work

## WHY CDW?

The migration from on-premises hypervisors to AWS is more than a technical upgrade; it's a strategic enhancement that transforms how businesses operate in the digital age. By leveraging AWS's powerful capabilities, businesses can realize the full potential of their cloud investments, achieving greater agility, efficiency and innovation. For businesses considering the migration to AWS, partnering with an experienced provider like CDW will ensure a smooth and successful transition.

## CERTIFICATIONS

- CDW is a Premier AWS Partner
- CDW has over 300 AWS-certified resources

**For more information, contact your CDW account team at 800.972.3922**



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