

On-Premises Virtualized Workload to AWS Native Migration

Cloud



Migrating from on-premises hypervisors to AWS is a strategic move that offers substantial benefits, including great scalability, cost savings and access to advanced technologies. While AWS provides specialized tools and extensive capabilities to assist with your migration, a move to the AWS cloud can still be quite complex. Leveraging an AWS partner, like CDW, is helpful for migrating more efficiently and positioning your business for future growth and success in the cloud.

Such migration is a significant undertaking that requires meticulous planning and execution. It's important to employ a comprehensive strategy designed to ensure a smooth, secure and efficient migration process. Our recommended approach focuses on security, minimizing downtime and optimizing performance throughout the migration journey.

Service Features:

- Assessment and planning
- AWS landing zone
- Design session for the AWS environment
- Migration planning
- Migration of the environment

Prerequisites:

- Required security vendor to plan the security the same way in AWS as on-premises
- Login access to the network, servers or storage devices. The client will provide required login rights (e.g. username, passwords, authentication tokens, etc.)
- Access to the AWS account to build and design the environment
- Any required tooling access

Explore the complementary options to help you migrate seamlessly:

- On-Premise Virtualization to AWS Native Strategy Consultation
- On-Premise Virtualized Workload to AWS Native Migration Assessment

ON-PREMISE VIRTUALIZATION TO AWS NATIVE STRATEGY CONSULTATION

This complimentary 60-minute consultation with CDW Canada's solutions architects provides valuable insights into your migration opportunities. During the session, experts assess your current on-premise hypervisors environment, workloads and licences. They explore potential applications suitable for migration and review your existing software licensing requirements, offering strategies for perpetuating, renewing or modernizing licences on AWS.

Features:

- Assessment of on-premise hypervisor environment, workloads and licences
- Explore possible applications that could be migrated to reduce the on-premise hypervisor licensing
- Offer strategies for a migration to AWS

ON-PREMISE VIRTUALIZED WORKLOAD TO AWS NATIVE MIGRATION ASSESSMENT

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:

- 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 of your Microsoft Licensing Statement, identifying 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 permissions for preparing 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.)



WHY CDW?

The migration from on-premise 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

AWS MIGRATION JUMPSTART

Ask your account representative about our fully-funded AWS Migration Jumpstart program.

40+
Virtual Machines

- Assessment and planning
- Migration of on-premise VMs to AWS
- AWS landing zone
- AWS skill builder voucher

For more information, contact your CDW account team at 800.972.3922



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