Comparison of CloudEndure Migration and AWS Application Migration Service

AWS Application Migration Service is the next generation of CloudEndure Migration, and offers key features and operational benefits that are not available with CloudEndure Migration. For the most up-to-date information, please go to this service comparison page.

Capability	CloudEndure Migration	AWS Application Migration Service (AWS MGN)
Console & APIs	Proprietary console and APIs	• Part of AWS Management Console • Standard AWS APIs, SDK, and CLI • Console functions similarly to all other services in AWS Management Console
Resource management	• Legacy projects • Legacy blueprints, not up to date with EC2	• Standard AWS mechanism (tags or accounts) • Launch settings and standard EC2 launch templates (instead of blueprints) • Eliminates latency between EC2 launch of new instance types and their support in AWS MGN launch configuration
User management and monitoring	• Proprietary user management • 3 available pre-set, non-configurable user profiles • Selected 52 events in legacy format • No access to metrics	• Standard AWS user management mechanism (IAM) • Standard AWS audit mechanism (CloudTrail) with full coverage • Standard AWS metrics mechanism (including custom event notifications via CloudWatch Events) • IAM provides granular configurable authorization for specific APIs and AWS MGN resources
Consumption model	Free for migrations completed within 90 days, then blocked	• Free for migrations completed within 90 days, then metering via AWS billing • See AWS MGN pricing page for more information
Price	Free	Free for servers for which migration is completed within 90 days

Capability	CloudEndure Migration	AWS Application Migration Service (AWS MGN)
Control plane	• The control plane for all commercial Regions is hosted in US East (N. Virginia) • The control plane for China is hosted in China (Beijing)	• The control plane is hosted in the target Region • Compliance benefit • Higher availability due to no cross-Region dependencies
Public internet access	Required for connection between replication servers and console	• Supports private link for replication and failback • Security benefit
Agentless replication	No	Yes, supported for vCenter 6.7 and 7.0
AWS Region to Region replication	Yes	Yes
AWS Region to Region VPC stack creation	Yes	No
Separate accounts for staging and launching	Yes	No
No rescan on reboot	Windows only	No
Operating system support	• Common operating systems are supported • Detailed list available in the [documentation](#)	• Common operating systems are supported • The following OSs that are supported by CloudEndure Migration are not supported by AWS MGN: Microsoft Windows XP, 7, Vista; Debian Linux 8; RHEL Linux 5.0 • Detailed list available in the [documentation](#)
In scope for the following compliance programs	• GDPR, HIPAA, and ISO • For more details, see the [AWS compliance page](#)	• GDPR, HIPAA, ISO, and PCI • For more details, see the [AWS compliance page](#)
Start/stop/pause/resume replication	Yes	No
Auto-detection of added disks	Yes	No
Multi-blueprint/LT edit via script	Yes	No
CloudEndure Migration Factory	Yes	Yes
Support for Outposts	Yes	No
AWS GovCloud (US) Region	Yes	No
China Region	Yes	No
Security	Secured according to AWS security policies	Secured according to AWS security policies
Availability	The CloudEndure Migration control plane is hosted in US East (N. Virginia) so the service relies on this Region's availability, in addition to the target Region	• The service is fully hosted on each of the supported AWS Regions • No dependency on other Regions