



# 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)
<b>Console &amp; APIs</b>	Proprietary console and APIs	<ul style="list-style-type: none"><li>• Part of AWS Management Console</li><li>• Standard AWS APIs, SDK, and CLI</li><li>• Console functions similarly to all other services in AWS Management Console</li></ul>
<b>Resource management</b>	<ul style="list-style-type: none"><li>• Legacy projects</li><li>• Legacy blueprints, not up to date with EC2</li></ul>	<ul style="list-style-type: none"><li>• Standard AWS mechanism (tags or accounts)</li><li>• Launch settings and standard EC2 launch templates (instead of blueprints)</li><li>• Eliminates latency between EC2 launch of new instance types and their support in AWS MGN launch configuration</li></ul>
<b>User management and monitoring</b>	<ul style="list-style-type: none"><li>• Proprietary user management</li><li>• 3 available pre-set, non-configurable user profiles</li><li>• Selected 52 events in legacy format</li><li>• No access to metrics</li></ul>	<ul style="list-style-type: none"><li>• Standard AWS user management mechanism (IAM)</li><li>• Standard AWS audit mechanism (CloudTrail) with full coverage</li><li>• Standard AWS metrics mechanism (including custom event notifications via CloudWatch Events)</li><li>• IAM provides granular configurable authorization for specific APIs and AWS MGN resources</li></ul>
<b>Consumption model</b>	Free for migrations completed within 90 days, then blocked	<ul style="list-style-type: none"><li>• Free for migrations completed within 90 days, then metering via AWS billing</li><li>• See AWS MGN <a href="#">pricing page</a> for more information</li></ul>
<b>Price</b>	Free	Free for servers for which migration is completed within 90 days

Capability	CloudEndure Migration	AWS Application Migration Service (AWS MGN)
<b>Control plane</b>	<ul style="list-style-type: none"> <li>The control plane for all commercial Regions is hosted in US East (N. Virginia)</li> <li>The control plane for China is hosted in China (Beijing)</li> </ul>	<ul style="list-style-type: none"> <li>The control plane is hosted in the target Region</li> <li>Compliance benefit</li> <li>Higher availability due to no cross-Region dependencies</li> </ul>
<b>Public internet access</b>	Required for connection between replication servers and console	<ul style="list-style-type: none"> <li>Supports private link for replication and failback</li> <li>Security benefit</li> </ul>
<b>Agentless replication</b>	No	Yes, supported for vCenter 6.7 and 7.0
<b>AWS Region to Region replication</b>	Yes	Yes
<b>AWS Region to Region VPC stack creation</b>	Yes	No
<b>Separate accounts for staging and launching</b>	Yes	No
<b>No rescan on reboot</b>	Windows only	No
<b>Operating system support</b>	<ul style="list-style-type: none"> <li>Common operating systems are supported</li> <li>Detailed list available in the <a href="#">documentation</a></li> </ul>	<ul style="list-style-type: none"> <li>Common operating systems are supported</li> <li>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</li> <li>Detailed list available in the <a href="#">documentation</a></li> </ul>
<b>In scope for the following compliance programs</b>	<ul style="list-style-type: none"> <li>GDPR, HIPAA, and ISO</li> <li>For more details, see the <a href="#">AWS compliance page</a></li> </ul>	<ul style="list-style-type: none"> <li>GDPR, HIPAA, ISO, and PCI</li> <li>For more details, see the <a href="#">AWS compliance page</a></li> </ul>
<b>Start/stop/pause/resume replication</b>	Yes	No
<b>Auto-detection of added disks</b>	Yes	No
<b>Multi-blueprint/LT edit via script</b>	Yes	No
<b>CloudEndure Migration Factory</b>	Yes	Yes
<b>Support for Outposts</b>	Yes	No
<b>AWS GovCloud (US) Region</b>	Yes	No
<b>China Region</b>	Yes	No
<b>Security</b>	Secured according to AWS security policies	Secured according to AWS security policies
<b>Availability</b>	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	<ul style="list-style-type: none"> <li>The service is fully hosted on each of the supported AWS Regions</li> <li>No dependency on other Regions</li> </ul>