

# Unitrends Boomerang for AWS: Fast VMware Replication in the Cloud

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Unitrends Boomerang is a virtual appliance that replicates VMware VMs in Amazon Web Services, stores VMs in low-cost AWS S3 for copyback or spin-up as native AMI in AWS EC2.

Provides cost effective, secure VM protection.

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Boomerang is the choice of companies looking to protect their VMs in the cloud, or migrate their VMs out of their data center.

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## Secure, Intuitive, Cost-effective Solution for Disaster Recovery and Native VM Migration

**Use Cases:** Boomerang solves three typical challenges faced by VMware users.

- **Fast VM replication into the cloud.** Installs in less than one hour, auto-discovers and replicates your VMs in low-cost AWS S3 or AWS S3 IA to keep cloud fees at an absolute minimum. Automatically drives scheduled incremental, block-level backups. Boomerang rehydrates backups as ready-to-run VMs to copyback to your datacenter on command.
- **Uniquely low-cost disaster recovery – on premise or in the cloud.** Unlike alternative solutions, Boomerang doesn't use costly live Amazon Machine Images (AMIs) in AWS EC2 running in compute mode 24x7. In the event of a system failure, Boomerang's "Pilot Light" feature quickly auto-converts VMs replicated in inexpensive AWS S3 to native AMIs, and spins them up in EC2. When the issue is resolved, a few clicks reverse the conversion and brings everything back to your data center. The cost savings can be huge.
- **Full VM migration to the cloud.** Easily migrates your VMware VMs to the cloud, eliminating the need for VMware licenses. Change your mind? Boomerang can bring it all back to your data center.

**Benefits:** Boomerang delivers tangible benefits through its incredibly intuitive user interface, breakthrough speed / efficiency for VM replication, reduction in the risk of human error through proven automation techniques, and more.

- **Compelling cost savings – OPEX.** Boomerang uses low-cost AWS S3 or AWS S3 IA and avoids consuming costly EC2 compute resources until needed for disaster recovery, keeping cloud usage fees incredibly low. Further, Boomerang saves user time, minimizes bandwidth costs, can significantly reduce software license fees. Boomerang, at \$19.95/VM/month, is the lowest cost solution in the market, with no maintenance, support, or professional services fees.

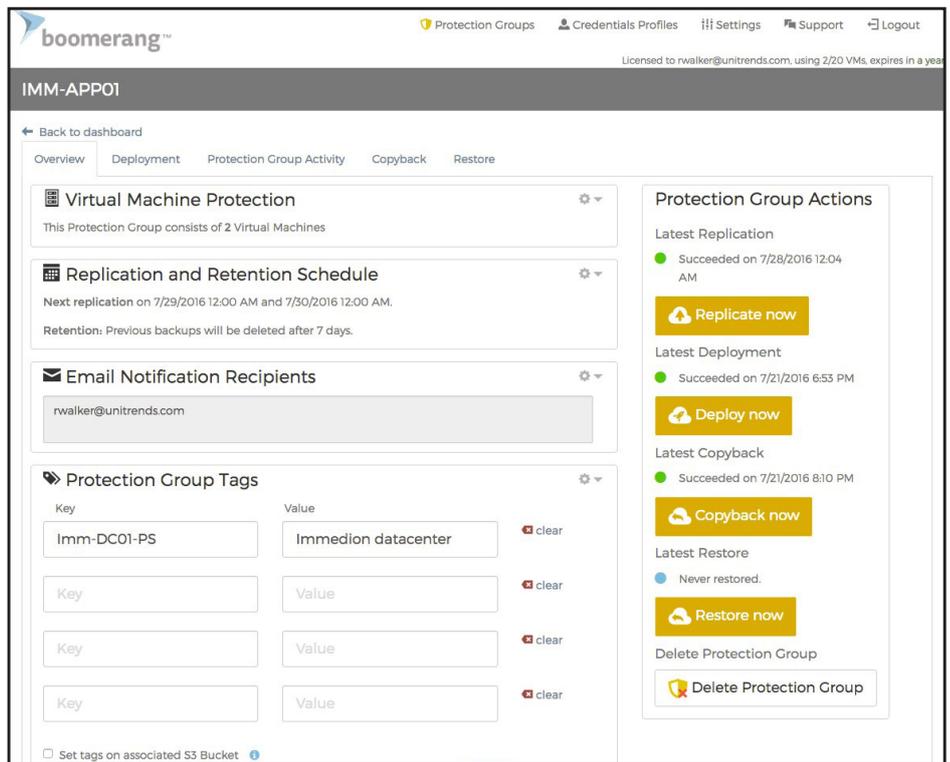


I deployed Boomerang, and was blown away by how quick and easy it was. I was up and running within an hour. Amazing.

Sean Taylor,  
3Gi Technology



- **Compelling cost savings – CAPEX.** Boomerang can significantly reduce or eliminate the need for redundant hardware or data centers to protect VMs.
- **Reliable VM Remodeling.** BBoomerang’s proven, automated VM remodeling to native cloud virtual machines (and back) makes VM migration a safe and rapid procedure. Boomerang even handles the transformation of networking differences between VMware and AWS.
- **Security.** Boomerang provides military-grade encryption for your VMs and data, both in-flight and in the cloud.
- **Risk mitigation.** Boomerang’s proven automation of tasks and seamless integration with VMware and AWS minimizes risk due to human error, and speeds recovery time.
- **Flexibility.** Boomerang provides choice of the two leading hyperscale clouds – AWS and Microsoft Azure for offsite backup and disaster recovery.



Boomerang Dashboard



With Boomerang, I easily optimize my disaster recovery procedures while minimizing cost.

Boomerang enables me to assign the appropriate backup frequency by VM protection group--ensuring our critical system backups are always up to date, while keeping network charges down.

Herb Authier,  
Payment Data Systems



## Key Features

### Industry's fastest time from download to VM replication

- Download, installation, first cloud replications in less than one hour
- Auto discovers your VMs and displays list in your Boomerang dashboard
- Agent-free; takes a snapshot of VMs without shutting down servers.
- Totally intuitive; no professional services required

### Easy replication, disaster recovery setup and optimization

- Intuitive GUI enables fast grouping of VMs into Protection Groups for replication into AWS S3
- Optimize frequency, timing of backups by Protection Group to balance degree of protection vs network bandwidth usage, to minimize cost
- Automatically runs incremental, block-level backups on your schedule, with military-grade encryption for complete, secure replication
- On command, executes fast rehydration of backups to complete, up to date VMs for recovery, including network parameters, making recovery a snap.

### Fast, low-cost Disaster Recovery – back to data center or in the cloud

- Boomerang's unique "Pilot Light" capability keeps your backups in low cost AWS S3 or AWS IA until needed for disaster recovery, minimizing the use of costly EC2 compute resources.
- Easily executes immediate copyback of VMs to a data center, OR...
- ...on command, convert VMware VMs to native Amazon Machine Images (AMIs) and spins up in AWS EC2
- Runs independently from data center in the event of a total local outage, ensuring business continuity
- As needed, reverse-converts AMIs back to VMware VMs and returns to the data center of choice.

### Fast, easy, cost-effective VM Migration to the Cloud

- Rapidly replicates VMs into AWS and auto-converts to native Amazon Machine Images- eliminating the need for tedious, time-consuming, and risky manual remodeling.
- Remove VMware VMs from your data center (and save a bundle)
- Change of plans? Can automatically reverse migration back to VMware.

#### About Unitrends

Unitrends is trusted by business visionaries, IT leaders and Pro's who know that in today's digital world protecting their ideas and keeping their business running is non-negotiable. The Connected Continuity Platform™ enables organizations of all sizes to protect their data and assure business continuity for their physical, virtual and cloud based environments.

Unitrends offers the industry's broadest portfolio of cloud empowered continuity solutions in a single super intuitive platform delivering unmatched flexibility as needs evolve, providing 100 percent confidence in recovery and business continuity.

Unitrends' Continuity Solutions are backed by a global support team that consistently achieves a 98% satisfaction rating and are sold through a community of thousands of expert technology partners, service providers and resellers worldwide.



Contact us today to learn more  
about Boomerang.