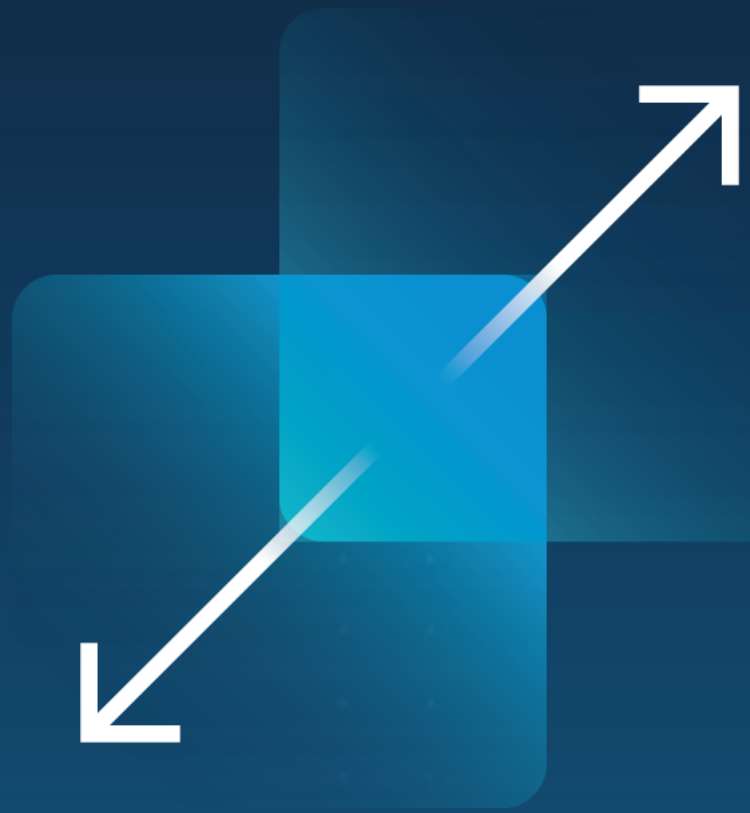
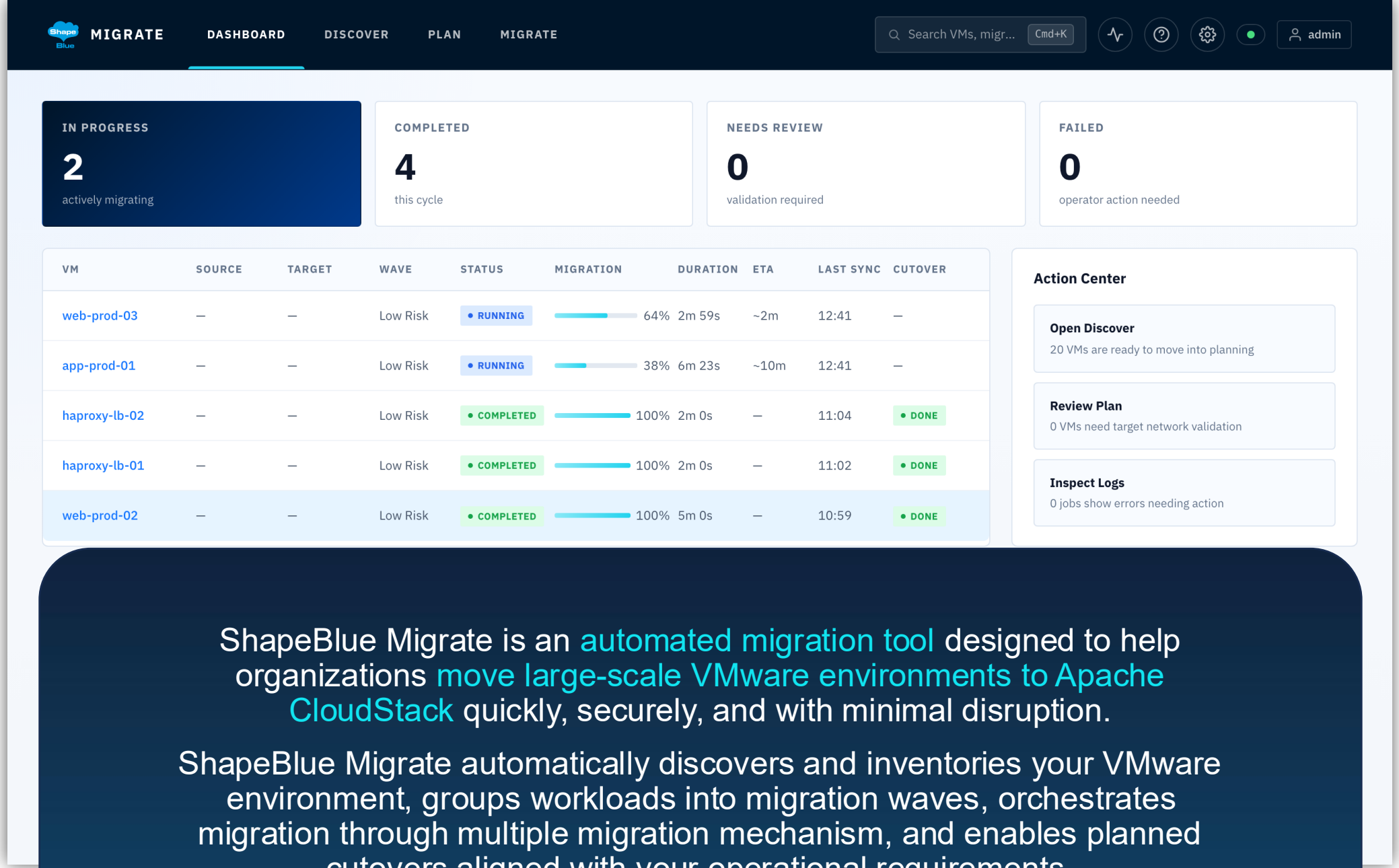
Shape Blue

ShapeBlue *Migrate*

FASTER. EASIER. SMARTER.



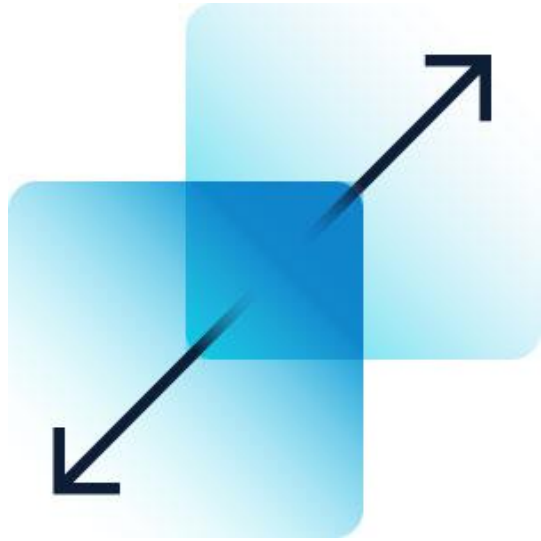
Migration is not a *speed* problem.
It's a downtime problem!



ShapeBlue Migrate is an automated migration tool designed to help organizations move large-scale VMware environments to Apache CloudStack quickly, securely, and with minimal disruption.

ShapeBlue Migrate automatically discovers and inventories your VMware environment, groups workloads into migration waves, orchestrates migration through multiple migration mechanism, and enables planned cutovers aligned with your operational requirements.

Since the early days of the Broadcom acquisition of VMware, ShapeBlue has been helping organizations navigate VMware migration projects. Drawing on this real-world experience, **we developed ShapeBlue Migrate to address the challenges, risks, and concerns** cloud operators face when moving to open-source infrastructure.



Key Problems for Cloud Builders Solved with ShapeBlue Migrate:

- Reduce migration complexity
- Accelerate your journey to vendor-independance
- Simplify the transition from VMware to open-source
- Apply intelligent automation
- Reduce downtime and risks to minimum

Intelligent Automation

Lower Risk

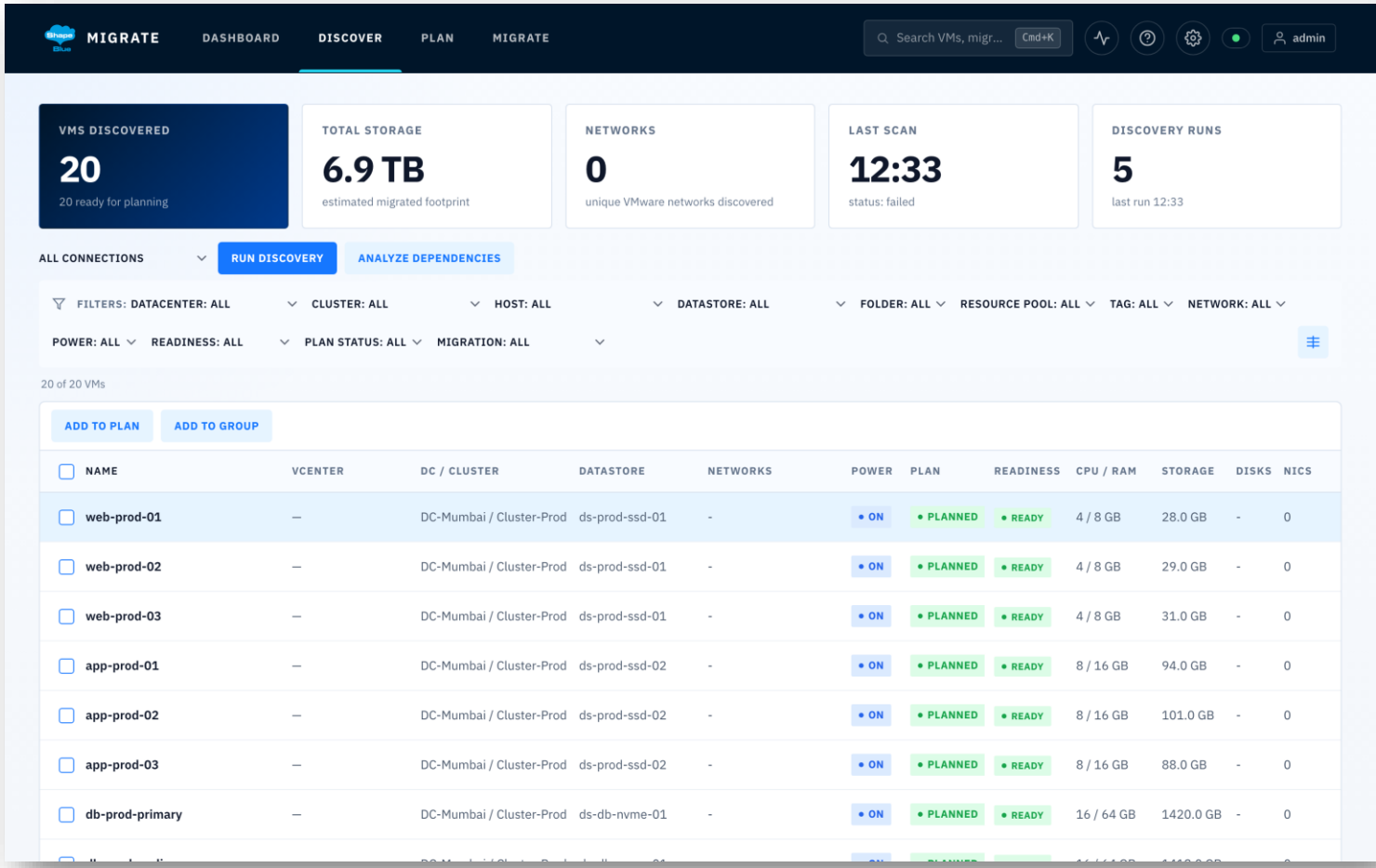
Minimize downtime
Reduce migration failures
Improve planning and visibility

Increase Efficiency

Automate discovery and execution
Reduce manual effort
Accelerate migration timelines

Enable Strategic Change

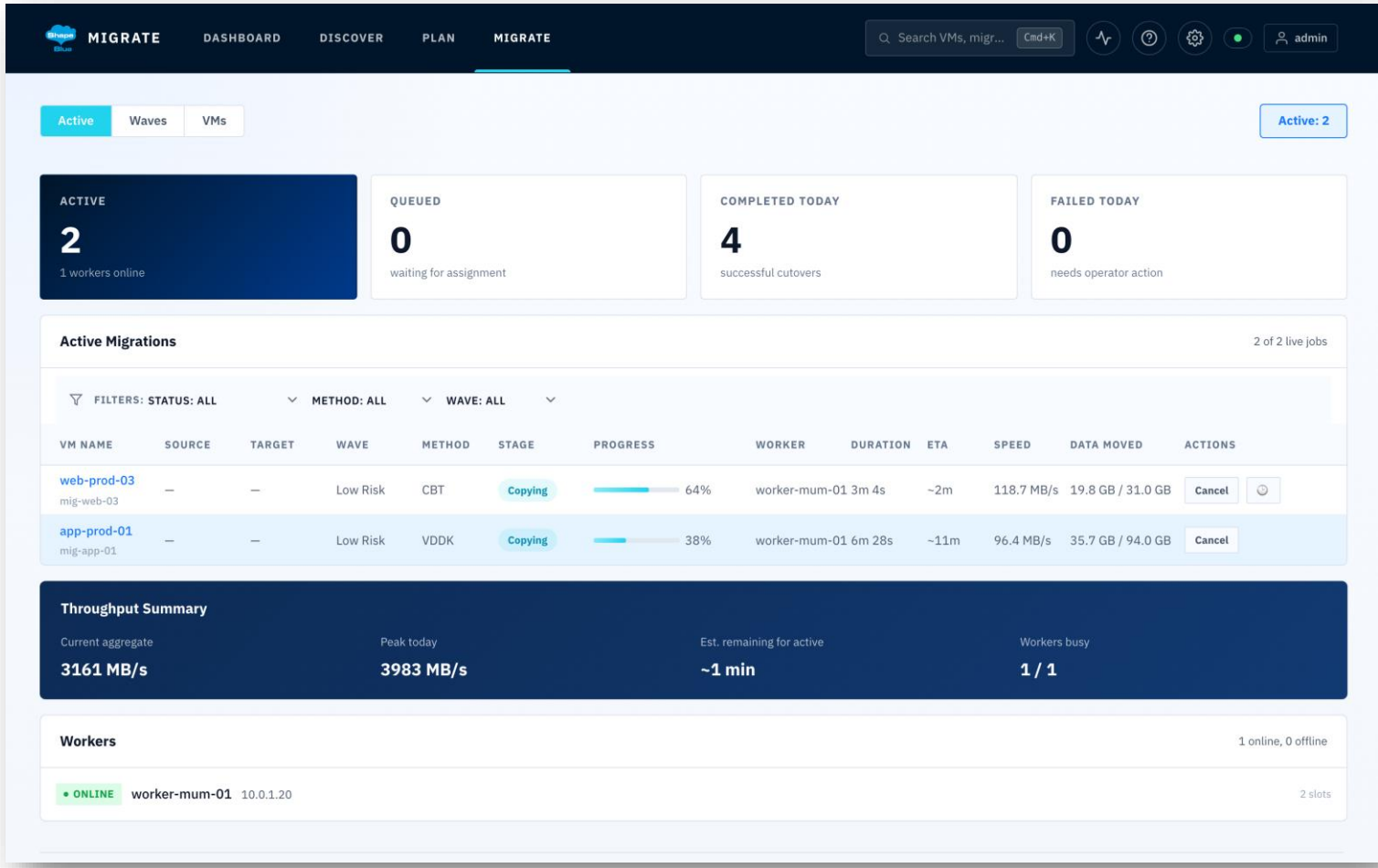
Eliminate vendor lock-in
Reduce virtualization costs
Adopt open-source infrastructure



ShapeBlue Migrate Features

Virtual machine migration varies significantly depending on workload characteristics, storage architecture, data volumes, network connectivity, and downtime constraints.

By supporting multiple migration mechanisms - including CBT, VDDK, OVF, and OVERLAY - **ShapeBlue Migrate enables you to select the most appropriate migration mechanism** for each workload, optimizing data transfer efficiency.



ShapeBlue Migrate Features

Agentless discovery:
across multiple vCenters, with folder/pool/tag filters - no VMware-side agent required.

Zero-copy moves:
OVERLAY migrates without copying a byte on shared NFS.

IP/MAC preservation:
guests keep their original addresses, no reconfiguration.

Smart wave planning:
auto-groups VMs by dependency and risk into ordered waves.

Scheduled cutovers:
graceful or hard, on a calendar, with tunable sync intervals.

Live observability:
per-VM progress, throughput, ETA, metrics, traces, logs.

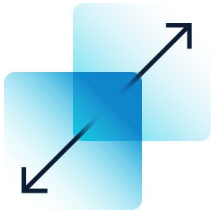
Four migration methods:
CBT, VDDK, OVF, OVERLAY, selectable per VM or wave.

Granular overrides:
network, storage, offering, boot - global, wave, or per VM.

Enterprise operations:
high availability, backups, RBAC, encrypted credentials, audit, auto-retry.

Near-zero downtime:
CBT delta-sync cuts over in minutes at any VM size.

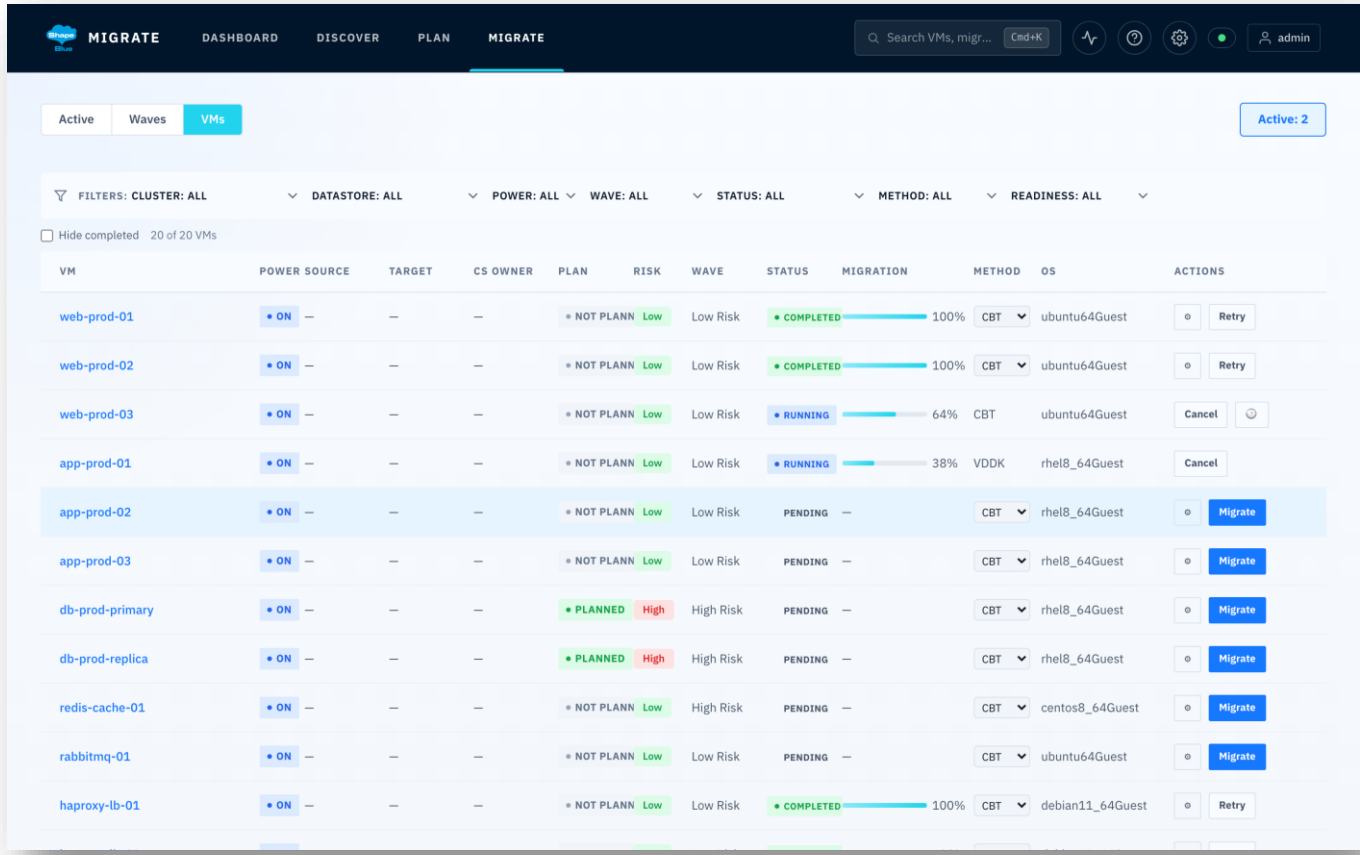
First-boot customisation:
reusable scripts adapt guests on first start.



Large-scale VMware Migrations with ShapeBlue

Apache CloudStack provides native virtual machine import capabilities. **ShapeBlue Migrate** complements these capabilities by delivering an **end-to-end migration tool for large-scale VMware-to-CloudStack transitions**, including automated discovery, migration planning, workload grouping, transport orchestration, execution management, and migration tracking.

In addition, **ShapeBlue Migrate supports multiple migration methods**, including CBT, VDDK, OVF, and OVERLAY, enabling organizations to select the most appropriate migration strategy for each workload.



The Result

Predictable Outages

Cutover windows become a matter of minutes, regardless of disk size.

Full Automation

Driver injection (VirtIO), disk transformation, and CloudStack API registration are all handled by the ShapeBlue Migrate. No manual steps.

Built-in Safety

The source VM is left completely untouched. It's a perfect roll-back point until the cutover is verified and signed off.

How to Get Started with ShapeBlue Migrate

Interested in automating your VMware to Apache CloudStack Migration?

Email us at info@shapeblue.com