

DEMARKOCLOUD

AWS CLOUD HEALTH CHECK

A public demonstration of how DemarkoCloud turns AWS uncertainty into prioritized, business-ready recommendations.

BlueRiver Accounting LLC | Fictional Demonstration Client

64 / 100	THE CLIENT CHALLENGE
ATTENTION REQUIRED	AWS was operational, but the client had limited internal AWS expertise, rising monthly costs, uncertain recovery readiness, and intermittent application performance.

WHAT DEMARKOCLOUD FOUND

PRIORITY	FINDING	WHY IT MATTERS
HIGH	Former administrator access	A former consultant still had administrator-level AWS access.
HIGH	Internet-accessible SSH	Administrative SSH was exposed to 0.0.0.0/0.
HIGH	Recovery not validated	Backups existed, but successful restoration had not been demonstrated.
MEDIUM	Performance needs investigation	Available metrics did not support a defensible root-cause conclusion.
MEDIUM	Potential EC2 rightsizing	Low CPU suggested an opportunity, but not enough evidence to resize safely.
MEDIUM	Limited monitoring	CloudWatch alert coverage was insufficient for several important resources.
MODERATE	Outdated documentation	The architecture diagram no longer represented the production environment.

THE DEMARKOCLOUD APPROACH

ASK	LISTEN	INVESTIGATE	SET EXPECTATIONS	RECOMMEND
7 Prioritized findings	90 DAYS Improvement roadmap	0 Production changes		

DemarkoCloud investigated first. No IAM identities were disabled, no security-group rules were changed, and no EC2 instances were resized during the assessment.

FROM FINDINGS TO A PRACTICAL ROADMAP

The assessment does more than identify technical conditions. It organizes them into a sequence the client can understand, approve, and act on.

0-30 DAYS	31-60 DAYS	61-90 DAYS
REDUCE RISK	IMPROVE VISIBILITY	OPTIMIZE
Validate former privileged access and dependencies.	Establish CloudWatch monitoring and alerting.	Evaluate EC2 rightsizing using broader workload data.
Review unrestricted administrative access.	Investigate document-management performance.	Review AWS cost trends.
Plan controlled recovery validation.	Update architecture documentation.	Evaluate targeted Infrastructure as Code adoption.

WHAT MAKES THE ASSESSMENT DIFFERENT

OBSERVED	NOT ASSUMED
Backups exist.	Backups are working.
Two EC2 instances show low average CPU.	The instances should immediately be downsized.
Employees report slow performance.	AWS infrastructure is the confirmed root cause.
A former consultant identity remains enabled.	The identity can be deleted without dependency validation.

RECOMMENDED NEXT ENGAGEMENT

AWS Risk Reduction & Recovery Validation

Address the highest-priority findings through an authorized, separately scoped engagement. Potential work includes privileged-access remediation, administrative-access hardening, controlled recovery testing, baseline CloudWatch monitoring, and updated architecture documentation.

Separate workstreams: cost optimization and application-performance remediation remain separate until sufficient investigation supports specific changes.

SEE WHAT A DEMARKOCLOUD CLOUD FOUNDATION & ARCHITECTURE REVIEW CAN UNCOVER.

Full sample assessment available as a separate demonstration report.

BUILD | AUTOMATE | DEPLOY | SCALE

BlueRiver Accounting LLC is a fictional demonstration client. This showcase illustrates DemarkoCloud's assessment structure and consulting approach and does not represent a completed engagement for an actual customer.