

E42 gets Hyperscaler-Grade Kubernetes Performance at a Fraction of the Cost

From a stalled Kubernetes rollout to a stable, scalable AI infrastructure with AceCloud.

Key Outcomes

95%/80%

Dev & UAT
Migrated

Matched Hyperscalers

Better on throughput
& RAM

3rd-Gen

Hardware available
on-demand

Customer Background

Industry: AI Startup | **Location:** Pune, Maharashtra, India

Overview: VCPUs with Managed Kubernetes & Block Storage for AI Compute

E42 needed a Kubernetes-native, high-performance storage environment for its multi-cloud AI infrastructure. After a failed deployment elsewhere, AceCloud delivered.

Use Case

- **Heavy Dependency on Block Storage**
Is heavily dependent on block storage and Kubernetes resources to support high-performance compute for AI workloads.
- **Every Workload on Managed Kubernetes**
Runs every workload on managed Kubernetes, with its entire architecture built around K8s.
- **Multi-cloud Operation**
Operates multi-cloud across AWS, GCP, and now AceCloud.

Challenges

- 🚩 **Kubernetes Deployment That Didn't Deliver**
An earlier attempt to run Kubernetes workloads on a different provider surfaced persistent block storage instability and performance issues, stalling their rollout before it could scale.
- 🚩 **Balancing Cost Efficiency with Enterprise-Grade Reliability**
As an AI-native, multi-cloud organization, E42 needed a provider that could match hyperscaler performance without the cost premium attached to it.



"Cost, Kubernetes performance, and a support team that actually shows up. This combination made us move our infrastructure to AceCloud."

-Kishor Garud, Infra Head, E42.ai

Solutions (After AceCloud)

AceCloud delivered managed Kubernetes infrastructure built for cost efficiency, performance, and reliability at AI scale.

- ✓ **Managed Kubernetes-as-a-Service**
Performative, production-ready K8s that cleared E42's bar after POC evaluation.
- ✓ **High-Performance Block Storage**
Stable, high-throughput block storage that resolved the exact reliability gaps that blocked their earlier migration attempt.
- ✓ **Third-Generation Hardware, On-Demand**
Newer-generation hardware delivers better RAM/CPU performance without the separate enterprise agreements required on GCP.
- ✓ **Dedicated Human Support**
Hands-on support that resolved early deployment issues quickly.

Impact Highlight

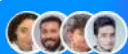


95% / 80%

Dev & UAT Migrated

E42 gained hyperscaler-grade Kubernetes performance at a fraction of the price, backed by 21 Kubernetes nodes and active backup and disaster recovery from day one.

AceCloud is a cloud infrastructure provider under RTDS Group, delivering secure and scalable cloud solutions to global businesses. Backed by 600+ experts, 20,000+ customers and 10+ data centers, AceCloud helps organizations build reliable, compliant and performance-ready IT environments.



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