

Self-host Secure Development Environments on AWS EC2 or EKS

THE CHALLENGE

Local and VDI development environments are risky, costly, and slow developers down

Enterprise teams have long faced limited choices for their development environments. Traditional development environments hosted on local devices and VDI come with **numerous challenges**:

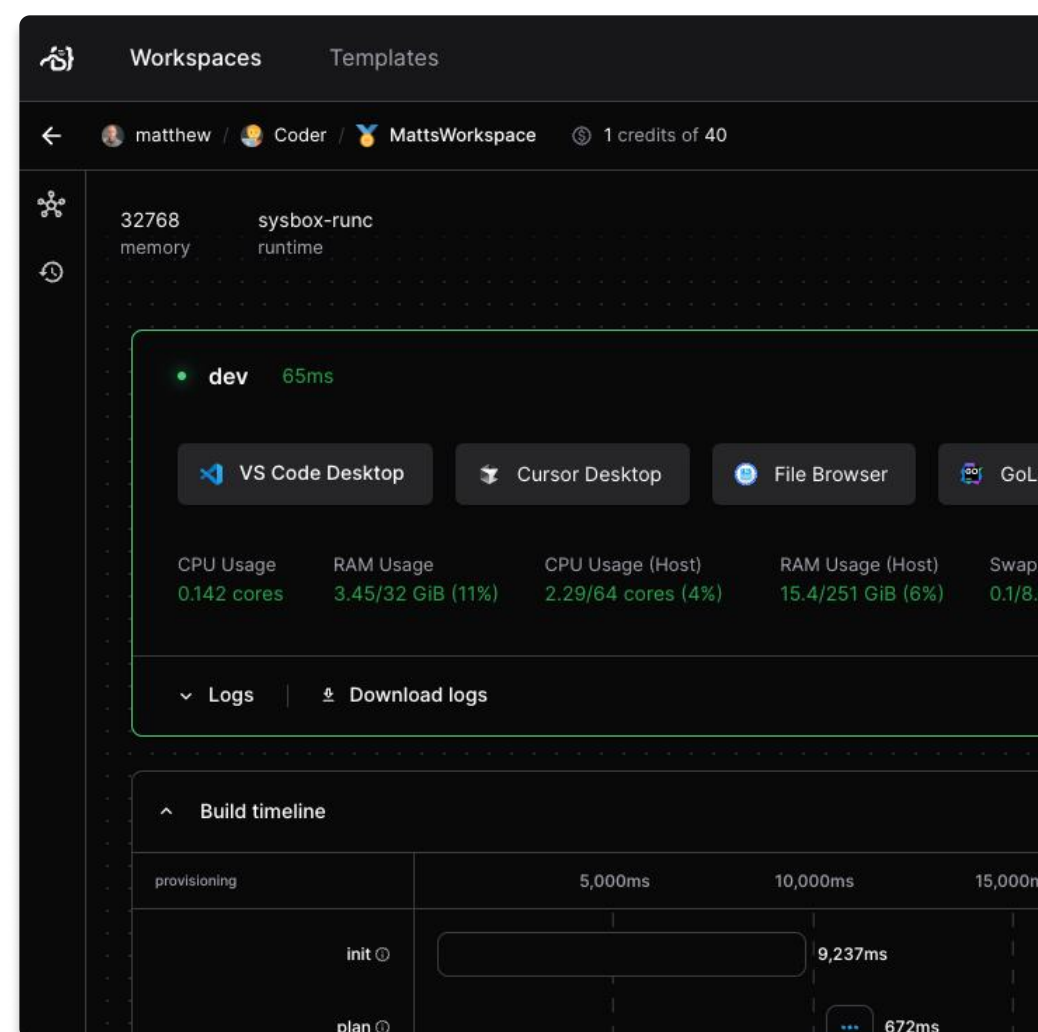
- **Security Risks:** Local environments often rely on storing source code and data on decentralized devices, making it difficult to enforce consistent security policies. This increases the risk of data loss, especially when managing sensitive codebases.
- **Developer Productivity:** It can take developers weeks or longer to onboard to new projects. Local environments are difficult to manage and prone to configuration issues, leaving developers spending more time troubleshooting and less time problem solving.
- **High Costs:** VDI require expensive infrastructure, licensing fees, and significant resources to maintain and scale for growing teams. Additionally, perpetually running VMs often drive up unnecessary cloud costs, even when these environments are idle or unused.

THE SOLUTION

Self-host secure development environments on your existing AWS infrastructure

Coder cloud development environments are consistently provisioned as code and ready for developer activity on day one. Preferred by enterprises, **Coder is open source and runs in your cloud for**:

- **Increased Security:** Coder on AWS keeps source code and intellectual property centralized in secure AWS storage, reducing risks from decentralized environments and supply chain vulnerabilities. Features like workspace isolation and RBAC enhance security by design.
- **Improved Productivity:** Deliver consistent development environments on AWS with the tools and IDEs developers already use, reducing onboarding times and eliminating versioning issues. Coder and AWS ensure low-latency, reliable access for distributed teams.
- **Optimized Costs:** Coder's auto start/stop and AWS-native scaling ensure unused workspaces and VMs scale down automatically, preventing waste. Additionally, Coder enables multiple workspaces to run on a single VM, maximizing resource utilization and further optimizing cloud spending for enterprises of any size.



With more than 90k GitHub stars, Coder provides Global 2000 enterprises with remotely accessed cloud development environments. Coder's platform improves developer experience while strengthening companies' security posture by moving source code and data from laptops to their centrally managed infrastructure.