Core Capabilities

Sandbox Studio provides a range of tools to make AWS sandbox account management fast, safe, and cost-effective. The table below explains the core capabilities of the platform, how it works, and the specific benefits it can bring to your teams.

Capability	What It Does	Benefit
Instant Account Access	• Launch AWS sandbox accounts in seconds with all required configurations already applied. • Accounts are ready for use immediately without any manual setup.	• Start projects right away without waiting for environments to be built. • Enable rapid experimentation, testing, or proof-of-concept work.
Stay on Budget	• Define spending limits for each account so costs are controlled automatically. • Receive alerts in real time before spending thresholds are exceeded.	• Prevent budget overruns before they happen. • Keep sandbox activity predictable and aligned with financial goals.
Simplified Account Cleanup	• Automatically remove all deployed resources when an account reaches its budget or time limit. • Reset the account back to a clean, ready-to-use state.	• Reduce manual cleanup effort and free up team time. • Ensure accounts are always safe to reuse for the next activity.
Built-in Security	• Apply service control policies (SCPs) to restrict services, regions, or actions. • Configure IAM permissions automatically for each sandbox account.	• Enforce security and compliance rules without manual setup. • Reduce the risk of unauthorised access or unsafe configurations.
Flexible Permissions	• Assign role-based IAM permissions tailored to each account type. • Limit user access to only the resources and actions they need.	• Prevent accidental or unwanted changes to environments. • Match account access precisely to each team member’s responsibilities.

Capability	What It Does	Benefit
Ready-to-Launch Environments	• Pre-provision AWS accounts with infrastructure for specific events or learning activities. • Perfect for hackathons, training workshops, and tutorials.	• Eliminate setup delays before events begin. • Provide a consistent, ready-made environment for participants.
Controlled Access	• Allow managers to oversee and manage specific accounts or groups. • Define permissions in detail to control exactly who can do what.	• Maintain a clear hierarchy of control across accounts. • Balance flexibility with governance requirements.
Easy Management	• Manage all sandbox accounts from a single, centralised dashboard. • Interface is designed to be simple for both technical and non-technical users.	• Give all team members the ability to manage sandboxes confidently. • Reduce reliance on technical specialists for basic account tasks.

Revision #21
Created 2025-07-14 21:02:03 UTC
Updated 2025-08-30 00:54:49 UTC by Andy