

# Cloud Infrastructure Entitlement Management

Industry-leading cloud identities and entitlements security  
for AWS, Azure and GCP

## Reduce Your Cloud Attack Surface

By 2023, 75% of security failures will result from inadequate management of identities, access and privileges.\* A single IAM misconfiguration can give access to an entire cloud environment. Yet almost all permissions in the cloud are excessive.

Securing access in your IaaS or PaaS environment is on you, not the cloud provider. But cloud complexity and DevOps velocity make managing entitlements and pursuing least privilege very hard.

- Thousands of identities, roles and policies to analyze
- Lack of context to reveal excessive privileges and risks to sensitive data
- Frequent changes by DevOps to code and configurations

Cloud infrastructure entitlement management (CIEM) solutions give visibility into cloud infrastructure, detect and remediate identity misconfigurations, and enforce least privilege, helping prevent data breaches and minimize risk.

## Best-of-Breed CIEM with Ermetic

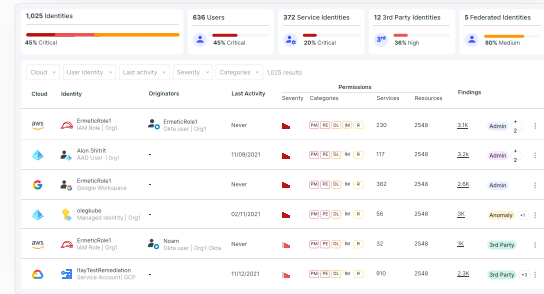
Ermetic is the most comprehensive and accurate solution for managing human and service identities in cloud infrastructure environments and achieving least privilege at scale. The platform offers deep, actionable visualization of all identities and entitlements, full risk context and advanced analytics that reveal hidden dangers. It empowers teams through prioritization and auto-remediation of risky privileges and excessive permissions, and helps get your access entitlements under control.

\*Gartner, "Managing Privileged Access in Cloud Infrastructure"



## Deep Multicloud Visibility and Full Asset Inventory

Continuously discover and see deeply into all identities (IAM, federated, 3rd party...), entitlements, resources & configurations in your multicloud environment. Make smart queries.



**Automatic Remediation for IAM Role DataScienceApp**  
The following steps will be automatically applied. Select a step to view more details and customize it.

- Delete S3Reader
- Create and attach NewDataSciencePolicy
- Detach IAM Policy Admin
- Detach IAM Policy AmazonS3FullAccess

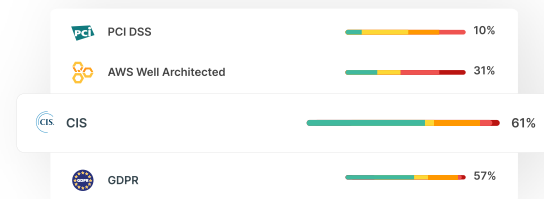
Line	Current Policy	Suggested Policy
1	{	{
2	"Version": "2012-10-17",	"Version": "2012-10-17",
3	"Statement": [	"Statement": [
4	{	{
5	"Effect": "Allow",	"Effect": "Allow",
6	"Action": "s3:*",	"Action": "s3:*",
7	"Resource": "*"	"Resource": "arn:aws:s3:::console
8	]	],
9	}	"Effect": "Allow",
10	}	"Action": "s3:GetObject",
		"Resource": "arn:aws:s3:::analytic

## Full-Stack Risk Analysis and Guided Auto-Remediation

Reveal with pinpoint accuracy your riskiest permissions & misconfigurations, across identity, network, compute & data resources. Auto-remediate with guided wizards, ticketing & shift-left IaC snippets.

## Continuous Access Governance and Compliance

Govern access policy and compliance from one place. Enforce least privilege using built-in and custom templates; automate compliance audit and reporting.



**Johnathan Roberts**  
Department: R&D  
Group membership: Alpha, Engineering, Employees

Johnathan has requested access to **aws Production** for **4 hours** to debug JIRA issue **SEC-2113 (↑Critical)**

## Self-Service Just-in-Time (JIT) Access

Grant developers speedy approval for as-needed elevated access that automatically terminates just after, avoiding standing privileges risk. Easily generate JIT access reports.

## Threat Detection & Investigation

Detect anomalous behavior and identity-based threats through continuous analysis against baselines. Investigate with enriched logs. Accelerate response via ticketing and SIEM integration.

**Unusual Data Access**  
Role **AnalyticsApp** was observed accessing **4 data resources** that were not accessed before

- customer-data prod-us
- elasticbeanstalk-eu-west prod-us
- aws/sns prod-eu
- ProductionSecret prod-security

**Ermetic | Your Pathway to Least Privilege**

Click to [schedule a demo](#) or contact us to learn more: [info@ermetic.com](mailto:info@ermetic.com)