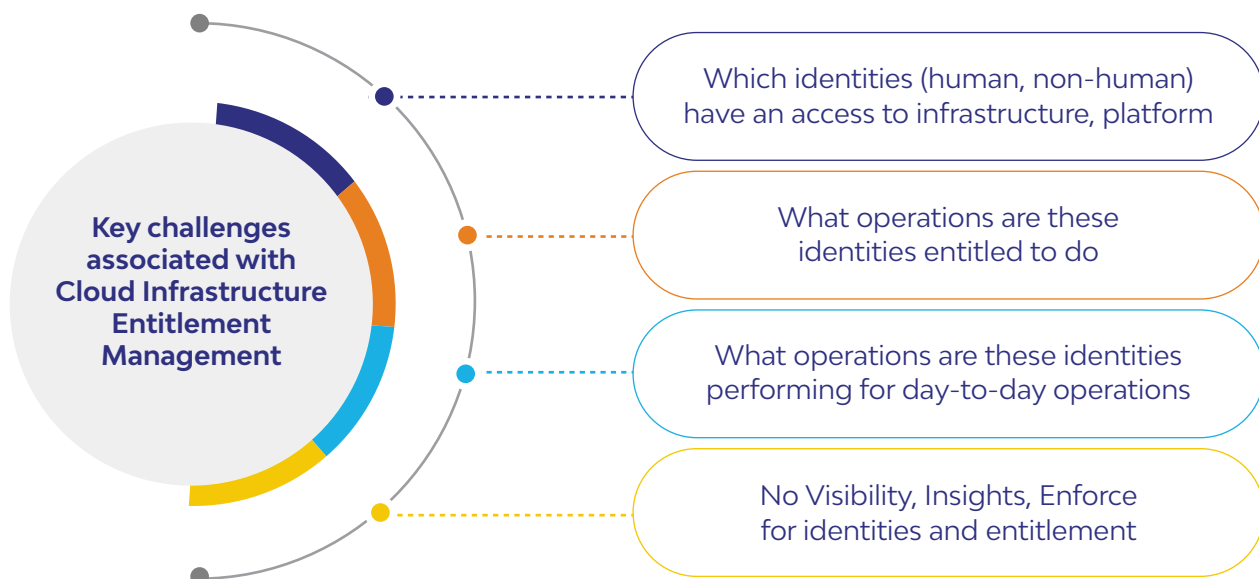# LTIMindtree Enterprise Cloud Infrastructure Entitlement Management (CIEM)

LTIMindtree

Achieve Infrastructure, Identities and Entitlement Protection with LTI's CIEM as-a-service

In the era of Digital 4.0 , organizations today are taking their infrastructure to the cloud at a rapid pace. However, organizations constantly grapple to have an end-to-end visibility of cloud assets, manage and govern privileged accesses, identities and entitlements and enforce adequate security controls across the multi-hybrid cloud estate. Although organizations manage multiple siloed systems together, they still do not get a complete view of privileged access and entitlement.

The traditional Privileged Access Management and Identity Governance and Administration solution is well-suited for on-premise environments.,However, these traditional solutions fall short of providing end-to-end visibility for multi-hybrid cloud entitlements and permissions. These solutions neither provide consistent identity lifecycle management nor governance in multi-hybrid cloud.

Key challenges associated with Cloud Infrastructure Entitlement Management

- Which identities (human, non-human) have an access to infrastructure, platform
- What operations are these identities entitled to do
- What operations are these identities performing for day-to-day operations
- No Visibility, Insights, Enforce for identities and entitlement

Key risks associated to the identity and entitlement

- Inactive Identities
- Over-Permissive Access Active Identities
- Super Identities
- Cross-Account Access
- Anomalous Behavior Identities

Cloud Infrastructure Entitlement Management (CIEM) is a new age identity and entitlement-centric solution for multi-hybrid cloud estates. The solution helps organization to mitigate cloud access entitlement related risks by enforcing time controlled administration policies and AI/ML based anomaly detection techniques.

LTIMindtree's Enterpise Cloud Infrastructure Entitlement Management (CIEM) offering, enables the business with an implementation principle of least privilege access controls in multi-hybrid cloud, and reduce the gap of cloud permission (permission granted vs used). LTIMindtree's CIEM offering address enterprise's key risks and provides complete visibility and protect the infrastructure, identities and entitlement in real-time manner. LTIMindtree solves the following key problems for its customers with the **Cloud Infrastructure Entitlement Management (CIEM)** offering:
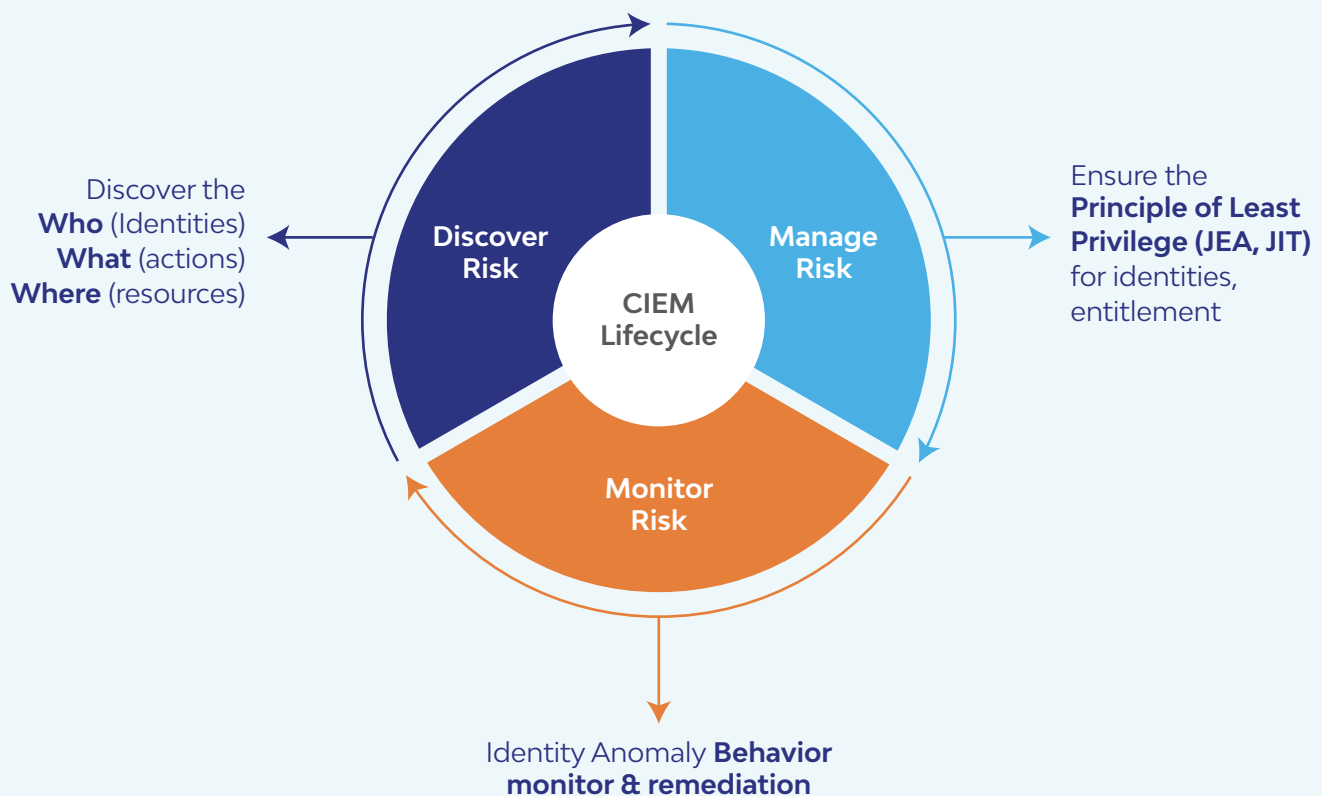
Visibility & Insights

Monitoring

Policy Enforcement

Remediation

LTIMindtree's Enterprise CIEM Life Cycle

Discover the
Who (Identities)
What (actions)
Where (resources)

Discover Risk

Manage Risk

CIEM Lifecycle

Monitor Risk

Ensure the
Principle of Least Privilege (JEA, JIT) for identities, entitlement

Identity Anomaly **Behavior monitor & remediation**

LTIMindtree's Enterprise CIEM Framework

Entitlement **Discovery**

Continuous of identity (human, non-human) discovery and entitlement across multi-hybrid cloud estate

Entitlement **Correlation**

Unified access model of identity (human, non-human) and entitlements across multi-hybrid cloud estate

Entitlement **Visualization**

Graphical Visualization Identity and entitlement associated relation and usage across multi-hybrid cloud estate

Entitlement **Optimization**

Continuous analysis the usage of access operations across multi-hybrid cloud estate combined with entitlements to optimize the principle of least privilege establishment. Helps constantly removing excessive access permission and reduce attack surface

Entitlement **Protection**

Protect an integrity, Detect the changes of privileges access, Restore unauthorized changes across multi-hybrid cloud estate

Entitlement **Detection**

Continuous monitoring of activity, that helps to detect Identities Anomaly Behavior (IAB) for an indication to internal/external attack

Entitlement **Remediation**

Detect threats and respond to an alerts in automated manner

Key Service Features

LTIMindtree's CIEM offering provides end-to-end protection of identities, entitlement, infrastructure of your multi-hybrid cloud estate. The offering also ensures

▶ Delivery of complete framework and lifecycle management of identities and entitlement

▶ Visibility, Monitor, Enforcement & Remediation of risks associated to identities and entitlement

▶ Detection of identities anomalous behavior

▶ Over-permissve access, deprecated, and external account entitlement

▶ Principle of Least Privilege (Just Enough Access, Just In Time) entitlement

▶ Human Account (e.g., Local, Admin, Privileged Account) entitlement

▶ Non-Human Account (e.g., Service Account, Access Key and SSH Key, App, function) entitlement

▶ Managed identities, service principal entitlement

▶ Endpoint, Application, Network, Data-level entitlement

▶ Resource, Platform/Infrastructure, Tenant/Organization level entitlement

LTIMindtree

Our Value Proposition

▶ Unified privileged access management, identity and entitlement management.

▶ Unified entitlement lifecycle and framework approach for end-to-end management of identities and entitlement.

▶ 360-degree graphical visibility, continuous monitoring, enforce and automated remediation.

▶ Continuous enforcement of principle of least privilege.

▶ Real-time detection of Identities anomaly behavior for any changes.

▶ Continuous removal of excessive permission, deprecated, external identities and entitlement.

▶ Automated and simplified access policy enforcement for account (human, non-human), workload identities, and entitlement.

▶ Seamless integration with multi-hybrid cloud services.

▶ Assured protection of sensitive resources, identities.

▶ Detection and elimination of the security configuration related to identities and entitlement.

▶ Prevention from internal/external attack for misuse of identities and entitlement.

▶ Detection of backdoor for granting an unauthorized access to identities.

Partner Ecosystem

Microsoft   amazon   Google   radware

About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — solves the most complex business challenges and delivers transformation at scale. For more information, please visit **https://www.ltimindtree.com/.**