**Configuration Management Records**

**Purpose:** To maintain an accurate record of system configurations, including infrastructure, applications, services, and documentation, ensuring traceability, repeatability, and control during cloud migration.

**Components:**

* **Configuration Item (CI) Register:** Catalog of all infrastructure and software components including versions, locations, owners, and dependencies.
* **Baseline Definitions:** Documented initial states of cloud configurations (e.g., AWS EC2 AMIs, Azure resource templates).
* **Version Control Logs:** Detailed logs of all changes made to infrastructure as code (e.g., Terraform, CloudFormation), application codebases, and scripts.
* **Configuration Change Requests (CCRs):** Formal requests and approvals for updates to configurations.
* **Audit Trails:** System-generated or manual logs confirming changes, time stamps, users involved, and rollback paths.

**Tools Used:**

* Git/GitLab for code and infrastructure versioning
* Configuration Management Databases (CMDB) – e.g., ServiceNow CMDB
* Terraform state files, Kubernetes manifests

**Frequency of Updates:**

* Updated with every release, configuration deployment, or rollback

**Sign-off Authority:**

* Configuration Manager
* Change Advisory Board (CAB)

**Related Deliverables:**

* CI/CD Pipeline Documentation
* Migration Scripts and Logs
* Issue and Defect Logs
* Change Control Strategy