**Updated Risk Log**

**Project:** Telco Cloud Migration & Enablement  
**Date:** May 2025  
**Prepared by:** [Project Risk Manager / PMO Lead]

**1. Risk Log Overview**

| **ID** | **Risk Description** | **Likelihood** | **Impact** | **Risk Rating** | **Mitigation Action** | **Owner** | **Status** | **Date Logged** | **Last Updated** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| R-001 | Delay in M-PESA API integration due to firewall misconfig or IP mismatch | Medium | High | **High** | Pretest IP whitelisting; escalate to Safaricom early | Network Lead | Active | 2025-07-01 | 2025-07-28 |
| R-002 | Data migration errors from legacy BSS systems | Medium | Medium | **Medium** | Dry runs and checksum verification scripts before go-live | Data Migration | Active | 2025-06-22 | 2025-07-27 |
| R-003 | Kubernetes cluster instability during NFV workload onboarding | Low | High | **Medium** | Use autoscaling, monitor node resources, conduct dry-run onboarding | Cloud Engineer | Monitoring | 2025-07-10 | 2025-07-27 |
| R-004 | OSS downtime due to incorrect security group rules | Medium | High | **High** | Apply and validate security group templates in staging before applying in prod | DevSecOps Lead | Mitigated | 2025-06-25 | 2025-07-20 |
| R-005 | Budget overrun due to underestimated cloud storage and network traffic costs | Medium | High | **High** | Enable cost monitoring dashboards and set budget alarms in GCP/AWS | FinOps Analyst | Active | 2025-05-15 | 2025-07-28 |
| R-006 | Third-party vendor delays in CRM custom module delivery | High | Medium | **High** | Set strict SLA, weekly vendor standups, escalate to procurement if delayed | Project Manager | Active | 2025-07-10 | 2025-07-27 |
| R-007 | Regulatory non-compliance with data residency laws for customer data | Low | Very High | **High** | Store customer data in Kenya-hosted cloud region, legal review in every sprint | Legal Advisor | Resolved | 2025-06-12 | 2025-07-15 |
| R-008 | Talent gap in NFV configuration expertise | Medium | Medium | **Medium** | Onboard external consultants and conduct internal bootcamp sessions | HR/Tech Lead | Mitigated | 2025-05-10 | 2025-07-20 |
| R-009 | Latency issues between CRM and on-prem billing system during hybrid transition | Medium | Medium | **Medium** | Use Direct Connect / VPN, monitor packet loss, consider decoupling architecture | Network Team | Monitoring | 2025-07-01 | 2025-07-26 |
| R-010 | Change fatigue among operational teams post cloud transition | Low | Medium | **Low** | Provide refresher training, stagger changes, conduct change impact analysis | Change Manager | Logged | 2025-07-25 | 2025-07-28 |

**2. Risk Heat Map (Current Status)**

|  | **Low Impact** | **Medium Impact** | **High Impact** | **Very High Impact** |
| --- | --- | --- | --- | --- |
| **Low Likelihood** | R-010 | R-008 | R-003 | R-007 (✔️ Resolved) |
| **Medium Likelihood** |  | R-002, R-009 | R-001, R-004 (✔️), R-005 |  |
| **High Likelihood** |  | R-006 |  |  |

**3. Notes and Actions Summary**

* **Resolved Risks:** R-004 (SG misconfiguration), R-007 (Regulatory non-compliance)
* **High Priority Risks to Monitor This Week:** R-001 (M-PESA API access), R-005 (Cloud cost), R-006 (Vendor delay)
* **Next Risk Review Meeting:** [Insert Date, e.g., 2025-07-30]
* **Attachments (if any):** Risk Assessment Matrix, Cost Monitor Snapshot, Escalation Log