

OSPCRM – Pan-African Sovereign Risk Profile

Mapping to GCR-M – Governance & Cyber-Risk Reference Model v1.3

Document type: Normative mapping / profile guidance

Edition: 1.3 – Nov 2025

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1. Purpose

OSPCRM is a Pan-African sovereign risk profile built on top of GCR-M.

This document explains:

- How OSPCRM clauses map to GCR-M elements;
- Where OSPCRM adds regional constraints (sovereignty, law, supervision) beyond GCR-M;
- How assessors and regulators should interpret the combination.
- The goal is to let African institutions say:
 - “We are conformant with OSPCRM (our regional profile) and compatible with GCR-M (global backbone).”

2. Mapping summary

At a high level:

OSPCRM Part 1 – Pan-African Governance & Sovereignty
→ refines CX (Context) and AS (Assets & Services) in GCR-M.

OSPCRM Part 2 – Structural Kill-Chain Control & Identity
→ refines PW (Pathways) and CT.1 (Structural controls).

OSPCRM Part 3 – Data Protection, Sovereignty & Residency
→ refines AS.2 (Data assets), CX.2 (Regulatory context) and CT.2 (Contextual controls).

OSPCRM Part 4 – Supervisory Reporting & Metrics
→ refines MT (Metrics) and OP (Operational integration).

OSPCRM Part 5 – Regional Critical Services & Systemic Risk
 → refines AS.1 (Critical services), PW.2 (Critical paths) and CX.1 (Mission context).

3. Clause-level mapping

Governance & sovereignty

OSPCRM ID	OSPCRM clause (summary)	Primary GCR-M elements	Relationship type	Notes
OSP-1.1	Pan-African mission & sovereignty statement	CX.1.1, CX.2.1, CX.3.3	Specialisation of context	Requires explicit reference to AU/Malabo, regional sovereignty and systemic risk.
OSP-1.2	Regulatory inventory for AU, RECs (SADC, EAC, ECOWAS, ECCAS, etc.)	CX.2.1, CX.2.2	Specialisation of regulatory context	Adds mandatory regional/legal layers on top of GCR-M CX.2.
OSP-1.3	Supervisory dialogue and feedback loops with African regulators	OP.1.1-OP.1.3, MT.2.1	Extension of operational integration	Requires structured feedback cycles with central banks and sector regulators.

Structural kill-chain control & identity

OSPCRM ID	OSPCRM clause (summary)	Primary GCR-M elements	Relationship type	Notes
OSP-2.1	Structural identity backbone for African operations	AS.3.1-AS.3.3, PW.2, CT.1.1-1.3	Specialisation of CT.1	Requires coherent identity flows across African entities to avoid fragmented attack paths.
OSP-2.2	Prohibition of kill-chain-enabling designs (e.g. removing AAA)	PW.3, CT.1.3	Strengthening invariant	Codifies "no end-to-end kill-chain" principle as a non-negotiable regional requirement.

OSP-2.3	SCIM & provisioning integrity across regions	AS.3, CT.1.1, OP.2.2	Specialisation	Demands unified, non-fragmented SCIM processes for critical roles in Pan-African operations.
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Data protection, localisation and sovereignty

OSPCRM ID	OSPCRM clause (summary)	Primary GCR-M elements	Relationship type	Notes
OSP-3.1	Data residency per AU state	AS.2.2, CX.2.1, CT.2.1	Additional constraint	Imposes localisation rules based on AU/Malabo and national laws; must be traceable in pathways.
OSP-3.2	Cross-border transfers and cloud conditions	CX.3.3, AS.2.3, CT.1.1	Specialisation	Sets minimum conditions for outsourcing/cloud (visibility, auditing, reversibility, supervision).
OSP-3.3	Protection of vulnerable populations and systemic sectors	CX.1.1, AS.1.1, AS.2.1	Additional emphasis	Flags certain data/services as systemically sensitive (health, pensions, low-income customers).

Supervisory reporting & metrics

OSPCRM ID	OSPCRM clause (summary)	Primary GCR-M elements	Relationship type	Notes
OSP-4.1	Standardised supervisory pack format	MT.1, MT.2, OP.1.1–1.3	Specialisation	Defines minimal content/format of reports to African central banks/regulators.
OSP-4.2	Metrics for actual kill-chain reduction	MT.1.1–MT.1.3	Additional metric	Requires banks to report on broken paths and residual path density, not only CVSS/backlog stats.

2.5 Regional critical services and systemic risk

OSPCRM ID	OSPCRM clause (summary)	Primary GCR-M elements	Relationship type	Notes
OSP-5.1	List of regionally critical financial services	AS.1.1, CX.1.1, PW.2.1	Specialisation	Identifies specific services (e.g. salary payments, mobile money) as critical for Africa.
OSP-5.2	Stress scenarios for systemic African outages	TH.1, PW.1.1–1.3, MT.2	Extension	Encourages systemic-risk stress testing using GCR-M pathways.