VIGILUS LABS · VYRELL · COVERAGE MAP

Bangladesh Bank ICT v4.0

Database controls, mapped to an agentless monitor

How Vyrell, an agentless database activity monitoring platform, supports the database, logging, access, and monitoring controls in the Bangladesh Bank Guideline on ICT Security, Version 4.0 (2023). Section references are to that public guideline.

THE APPROACH

Read the trail the engine already keeps. Install nothing.

Every enterprise engine already keeps its own audit trail (Oracle Unified Auditing, SQL Server Audit, pgaudit, and the rest). Vyrell reads that native trail through a read-only account and correlates it centrally, so onboarding a target is a grant of read access rather than an agent rollout, and there is no inline component in the data path to fail.

THE COVERAGE MAP

5.9.8
LIVE

Database audit trail configured to log all audit trails and send to a centralized log solution.

Vyrell reads each engine's own native audit facility through a low-privilege, read-only account and correlates every event into one central store. Agentless: nothing is installed on the production database and there is no inline component in the data path.

5.9.4 / 8.3
LIVE

Review the privileges in use and their source; review privileged users' activities on a timely basis.

Privileged and administrative database access is recorded and reportable: logins, schema changes, bulk reads and exports, and permission grants, not only application traffic.

5.16
LIVE

Centralized log management that collects Database events, correlates across sources, and retains them.

Activity from every supported engine is centralized and correlated in one place, in an insert-only trail retained for a defined period.

6.4.9 / 6.4.10 LIVE	**Alerts from Databases; change-detection to flag unauthorized modification (changes, additions, deletions).** Vyrell classifies every operation it reads (DDL, DML, SELECT, login), and its rules flag high-risk changes such as a DROP or TRUNCATE, an unexpected GRANT, or a schema alteration; statistical behavioural baselines catch abnormal patterns such as off-hours access or an out-of-pattern bulk operation. Separately, its own record of that activity is SHA-256 hash-chained and insert-only, with a daily verifier, so the evidence itself cannot be quietly altered.
5.3.1 LIVE	**A defined process to classify and label data (Restricted / Confidential / Internal / Public).** Vyrell discovers and classifies the columns holding personal, financial, and payment data, with proposed masking policies.
5.4.1.4 LIVE	**Activities of system administrators logged; servers with sensitive data export activity logs to a central log host.** Administrative activity is captured by the same agentless audit read and forwarded centrally, with no separate collector installed on the host.
Reporting LIVE	**Evidence an examiner accepts: observed activity mapped to specific guideline requirements.** Vyrell's policy library ships 26 rules mapped to the Bangladesh Bank ICT Security Guideline v4.0, each with a matching report in the reporting engine, alongside 215 rules and 21 framework rule-packs in total.

VERIFIED, LIVE

10 database engines
Agentless, read-only, across ten engine connectors.

215 security rules
Across 21 framework rule-packs and 19 rule-backed categories.

26 Bangladesh Bank ICT rules
Mapped to Guideline v4.0, each with a matching report.

Tamper-evident trail
SHA-256 hash-chained, insert-only, daily integrity verifier.

Deploys in 1 to 2 days
A read-only audit account per target; no agent to roll out.

ISO/IEC 27001:2022 · ISO 9001:2015
Certificates 26EQQV75 and 26EQQJ63 (AQC / EGAC).

READ THIS THE RIGHT WAY

Section references are to the public Bangladesh Bank Guideline on ICT Security, Version 4.0 (2023). Several database controls in the guideline are scoped to cardholder data; that scoping is the institution's to apply. Vyrell supports these controls by producing the evidence they call for. It does not, by itself, confer compliance: each institution maps its own posture and hands its own evidence to its examiner. This document is not a Bangladesh Bank endorsement, a certification, or legal advice.