TECHNICAL PAPER 01

Recovery you can prove

01

An open port is not a recovered server.

> Every backup vendor says their backups are recoverable. Very few can show you, this week, for every system you own. We built ImmuBDR around a simple rule: a recovery that has not been demonstrated is a hypothesis.

What a DR test means to us

Every protected system is booted from its latest restore point every week, by default. Not on your hypervisor and not in your production network, but on our own isolated capacity, so a test never costs you lab resources and never touches what you run.

Then we ask the question that matters: does it work?

A listening port does not count

The test passes only when a real service answers: a login, a web page, a directory that responds.

Every database must answer

Not “the VM booted”, but “the database inside it accepts a query”.

Your definition of working

You tell us what must work, in plain language or as a test script. Our own AI model, on our own infrastructure, checks exactly that.

Evidence, kept

Every test leaves a screenshot and a result you can show an auditor. Then everything it created is removed.

Designed so the test cannot lie

A DR test is only worth something if it can fail for the right reasons and cannot pass for the wrong ones.

- **The AI advises; it never decides alone.** Only a check you described can fail a test, and an unreachable model never fails one.
- **Secrets stay with the platform.** Passwords and disk keys are never sent to the model.
- **The network is real.** Copies boot with their own network identity, in an isolated segment. A pass means something.
- **Silence is a failure.** A test that does not run on time raises an alert.

Why weekly matters

Recovery breaks quietly. A driver update, a changed boot order, an expired certificate, a service that no longer starts after patch Tuesday. None of that shows up in a backup job report. It shows up the day you need the restore.

Testing every system, every week, moves that discovery from the worst possible day to an ordinary Tuesday.

---

4 min 47 s

From site outage to production running on a replica, with an automatic DR plan. Three minutes of that was a deliberate waiting time we configured before acting.

ABOUT IMMUBDR

ImmuBDR is Immutec's backup and disaster-recovery platform, delivered as a fully managed service. It protects virtual machines, physical servers, databases and file shares, keeps every restore point verified and immutable, and recovers them on our own infrastructure, even when your own hypervisor or site is gone.

Our engineers run the platform for you. Customers have no access to backup or restore functions; every request runs through a ticket. Your production and your recovery are held by different people, by design.

Need the technical detail? A full version of this paper is available under NDA.

Proven weekly	Immutable	Own infrastructure
Every system booted and tested, with evidence.	Time-locked restore points nobody can release early.	Storage, DR capacity, network and AI, run by us.

Want to see a failover live? Ask us for a demo. www.immutec.ae