SORINT.lab

BUILDING GREAT TECHNOLOGY

Disaster Recovery as a Service

IT Operation Resiliency

Agenda

- Disaster Recover as a Service
- From SORINTians to you – An idea from Quarterdeck
  - Business Drivers & Characteristics
  - Technical Flow
- The Make IT Model – The Journey
- Why SORINT.lab?
- Service’s Delivery Model

Disaster Recovery as a Service

An automated scripting-based solution that addresses organization's disaster recovery needs, guaranteeing at least 60% in cost savings. Just as importantly, it orients efforts toward simplicity and ease in comparison to traditional solutions.

1

Strategical planning, implementation and handling routine operational tasks associated with DR activities.

2

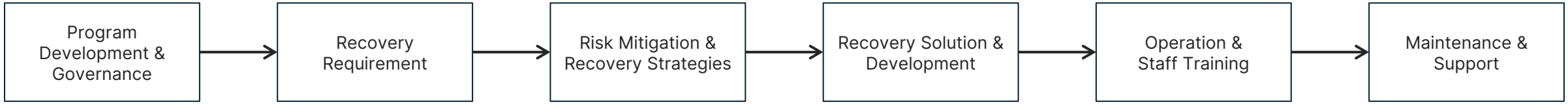
Auditing, accreditation and complaining with industrial regulations such as ISO, DORA, and NIS2

3

Verification, testing scenarios, and reporting

Converging Veeam backups, IT infrastructure architecture, and SORINT's proprietary software tools automates tasks and enables an on-demand, simple, and cost-effective approach to recovery from the public cloud!

IT DR Scope

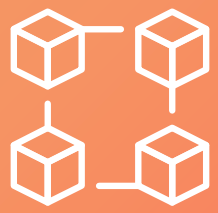


SORINT.lab

Building Great Answers to Organization's Needs

SMEs seeking best fit for ensuring disaster recovery, business continuity, therefore data loss and recovering from cyberattacks

Seeking to comply with European NIS2, DORA or proceed with accreditation programs



With disaster recovery (DR) procedures in place, lack, or looking to expand or/and improve current initiatives

Risk concerns and overwhelmed with the variant market solutions

Lowering both, costs and environmental impact, of on-premises infrastructure and traditional replication methods

Organizations who choose to delegate to focus on core business while benefiting from provider's specialized expertise

Building Great Answer with Technicals Needs

On-prime VMware by Broadcom

Veeam is the backup

Cloud and VMware

~24 hours High RTO

From SORINTians to You – A QuarterDeck Idea

Reasoning. It's Good to Know!

Researching
Companies are looking to free up resources from managing routine operational tasks to focus on what it deems more value-added activities.
Financially, it is not uncommon for DRaaS prices to be 50% to 70%, according a research by Gartner, less than what it would otherwise cost to build out, operate and maintain similar capabilities.

Technologies
Storage (and cloud) vendors are adding additional data storage capabilities that include options such as immutability.

Best practices within sights
Improve data reliability/availability by keeping critical dataset with an isolated (offsite) and immutable copy of critical data for worst-case scenarios.

The 2025 outage incident, Spain, Portugal, and parts of France
Business Continuity continues to rely on IT infrastructure and applications with no signs of reverse!

Tightening obligations
May 25, organizations of all scales, are looking into adhering to comprehensive measures across cybersecurity, risk management, business continuity, backup management and disaster recovery where possible. (NIS2 Article 24).

SORINT.lab

From SORINTians to You – A QuarterDeck Idea

DRaaS Embodies Key Business Characteristics

Fit IT in

Tackle clarity and avoid costly complicated solutions that are irrelevant to organization's IT working model and size.

Complete Protection Solution

Reliable backup & recovery of critical data, services/ applications.
Plus, automated recovery & failback process.

For Clients & IT Providers

Reduce implementation time, minimize human error, associated with operational workload, while increasing overall accuracy.

Bring Flexibility & Scalability

Adapt a customized solution to match the diverse and case-specific project requirements of the new growing client pool.

Utilize Cloud Technologies

Pay-per-use, reduce management cost & upfront investments(CapEX) of hardware & software. Whilst enabling adaptability for future findings.

Avoid a Lock-in Approach

A platform-agnostic solution.

Pave Future IT Value

Set foundations for offering advance IT services by building on the in-hand IT architecture, the applications dependency & mapping exercises completed earlier.
Activities like ransomware detection/response, threat modeling or even general optimization activities.

SORINT.lab

From SORINTians to You – A Quarterdeck Idea

Secure Cloud Backup 1
Copy backups to a reliable & scalable cloud object storage.

Automated Recovery 2
Intelligent orchestration for on-demand creation of the DR environment.

Custom VMWare SDDC 3
Recreation of the on-premises infrastructure (3-node cluster, vcenter, networks).

BUILDING GREAT TECHNOLOGY
That Speaks Business & Technology

Veeam Integrated 4
The power and reliability of Veeam for backup and recovery management.

Simple DR Testing 5
Secure access to test the functionality of the services in an isolated environment.

Documentation 6
Comply with best practices & regulations by documenting (risk assessment, DR plan & other predefined checklists).

From SORINTians to You – A Quarterdeck Idea

Approach 1
3,2,1,1,0
Respectively. Illustrating the number of copies, types of file formats, off-site copies, one immutable copy, & avoiding zero margin of error.

Define the Architecture 2
Infrastructure Provisioning on Best Fitting Public Cloud Provider
Defining subscriptions, computing resources, networking activities, and other configuration activities. Continuous backup, based on the defined RPO, Veeam will regularly make safe copies of data to the cloud object storage. e.g. S3 bucket.

On-demand Recovery 3
Starting a Real or Simulated Disaster Recovery Process

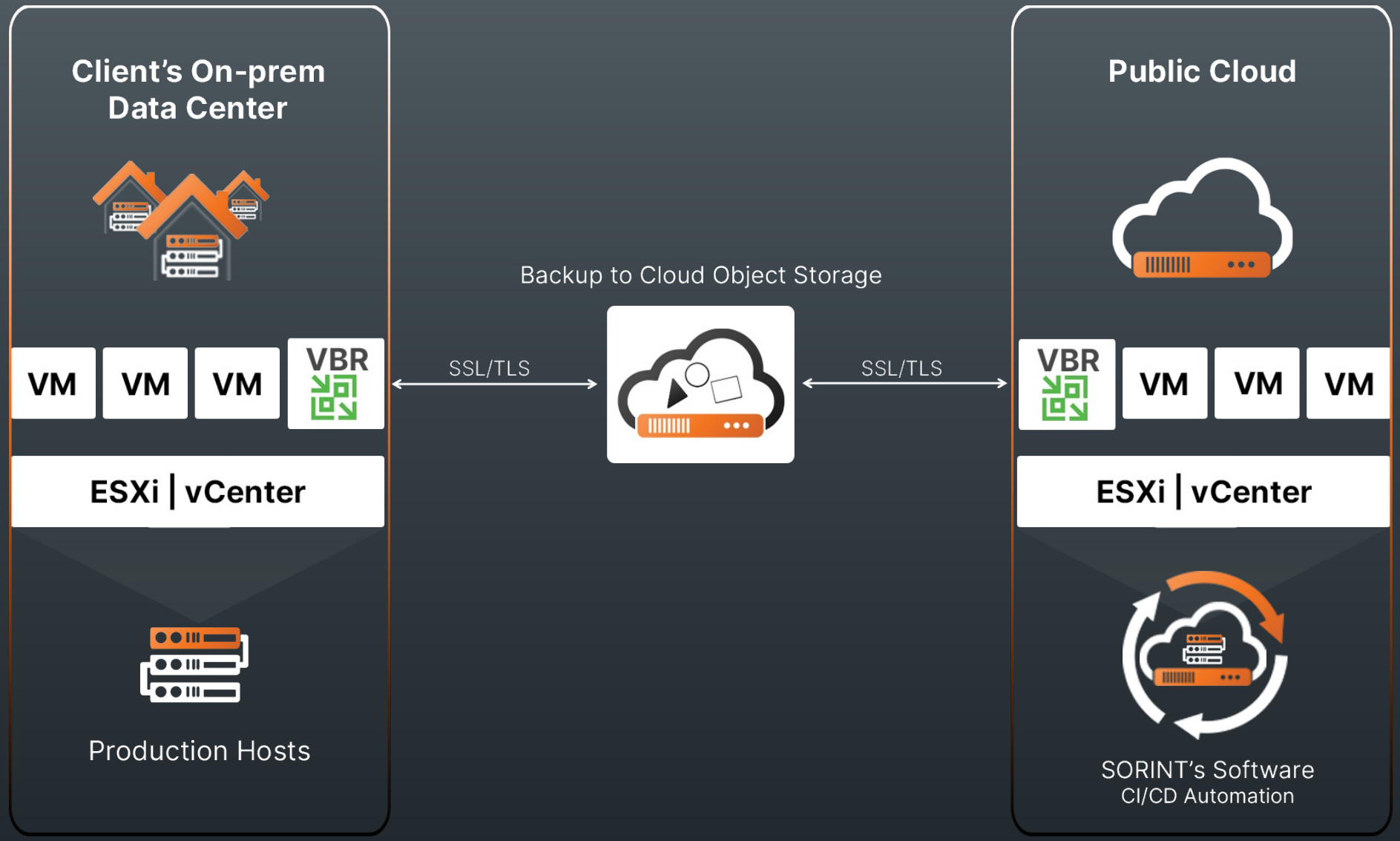
1. Our automation tool deploys the SDDC, VMWare environment in the previously defined public cloud. Infrastructure as a Code creating a what many know as a CI/CD workflow.
2. SORINT's automated tool deploys and configures the VBR server.
3. Veeam restores backups from cloud object storage.

Simulated Scenarios
Verifying data, applications and deprovision the SDDC environment. Documenting results. e.g. Procedures, failures, RTO, and others.

Real DR Scenarios
Verify, validate, and promote environment as production.

24x7 Managing & Support

Business & Technical: Getting started consultation for a DR planning, Compliances guidelines, Workflow model and best practices, Operations & monitoring
All the Way to: Future reconfiguration, Testing & verifications


Client's On-prem Data Center
VM
VM
VM
VBR
ESXi | vCenter
Production Hosts
Backup to Cloud Object Storage
SSL/TLS
SSL/TLS
Public Cloud
VBR
VM
VM
VM
ESXi | vCenter
SORINT's Software
CI/CD Automation

SORINT.lab

Simple & Put & Smart!

	Disaster Recovery as a Code	Traditional Disaster Recovery
Infrastructure	• Flexible on-demand usage of resources. Temporary SDDC.	• Dedicated secondary DR site. • Difficult to scale and expand.
Operation & Management	• Minimum human intervention, fully automated. • Pipelines and cloud-native driven. e.g. tasks logs & security setups.	• High staffing requirements. • Consumes significant energy, logistics, & time. Ongoing operations.
Finance	• Lower & projected cost. • No facility related obligations.	• High set up cost, maintenance, vulnerable to several unpredictable spendings.

SORINT.lab

The Make IT Model

What the Journey Looks Like

Assessment 1

Investigate the technical context of the IT infrastructure.

Defining Business & Industrial Guidelines 2

Shaping a business- related metrics by identifying, among others, critical IT services, associated internal and external policies of the organization.

Fitting model 3

For each specific journey.
Evaluate the best suitable approach and operating model which ensures the best possible outcome.

Design & Deliver 4

Comprehensive documentation outlining criteria, timeframes, designs, financials & SLAs.

Implement 5

Accordingly, activities of execution following the aligned governance model.

Support 6

Ongoing based on scope and beyond!

Technology Landscape

Cloud Infrastructure & Platform Services

aws, Microsoft, Google Cloud, HashiCorp, ORACLE, vmware by Broadcom

Enterprise Backup & Recovery Software Solutions

DELL Technologies, rubrik, COMMVAULT, VERITAS, veeam, TRILIO

DevOps Platforms

mia Platform, aws, Microsoft, Google Cloud, Red Hat, GitLab, vmware by Broadcom

Distributed File & Object Storage

DELL Technologies, HUAWEI, NetApp, SUSE, Hitachi Vantara

Primary Storage

HUAWEI, DELL Technologies, Hewlett Packard Enterprise, NetApp, Hitachi Vantara

Container Management

aws, ORACLE, CANONICAL, nethopper, Google Cloud, Microsoft, Red Hat, CLASTIX, SUSE, vmware by Broadcom

Application Performance Monitoring

Microsoft, dynatrace, splunk>, DATADOG, CISCO, elastic

Cybersecurity

CISCO, FORTINET, KnowBe4, SUSE, elastic, splunk>, aqua, LACEWORK, sysdig

Database Management Systems

Microsoft, EDB, Cockroach Labs, CLOUDERA, mongoDB., ORACLE, Couchbase, Redis, HAZELCAST, MariaDB, MySQL, aws

Data Streaming

Red Hat, CONFLUENT, CLOUDERA, HAZELCAST

Internal Development Platform

mia Platform, Red Hat, nethopper, GitLab

Behind the Make IT Green Model

Experience

Managing & Operation
IT infrastructure of prominent organizations in Europe, US, and Africa

Proprietary Software Tools We Bring In!
Jump-starts the assessment process, automates Active Directory forest recovery, and enables resiliency operations across cloud, data, security, network, pipeline, & application layers

Other Enterprise Infrastructure Software
Ercole, Agola, & Stolon are some of ours!

Governance & Compliance Data Protection Solution
Salazar

130+ entity Certification & Training
Top-tier in all relevant fields & domains. Certified “Training Partner” to key vendors.

Tackling challenges with SORINT.lab

sircles
A framework which allows effective collaboration across specializations, maximizing value by involving experts from every field. Smoothly!

End-to-end Technology Support
Holistic IT & governance capabilities, rather than a point solution

100% Vendor Independent – Purpose
Believe in technology that fosters innovation and human wellness. Our commitment towards every company, institution or community is to help them run their business and solve their problems through a choice of the best technology.

98% Customer Retention Rate

Offering's Delivery Models

Consultation
Assessment phase includes evaluating & identifying fitting approach.
A business & technical proposal submission.

Solution
Design & carry out implementation.

End-to-end
Includes 24x7 operation & management in accordance with SLA.

SORINT.lab

Request case studies

& you can also

We are all ears!
A discovery call with a technical engineer, or a business representative.
welisten@sorint.com
www.sorint.com/contact

Read more – Our 3 blogs
A formal business blog, SORINTian's vibrant space with a transparent and unique writing style, or dedicated cybersecurity publications
www.sorint.com/blogs

Follow us

BUILDING GREAT TECHNOLOGY

SORINT lab

IT | ES | UK | DE | US | FR | PL | CMR | RO

www.sorint.com