

Maitrisez vos données avec Veeam.

Protection intégrale de toutes vos plateformes – donnéz la main aux experts de la cyber resilience.

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Cyber Secure

NIST by Veeam & Bechtle



Section 1

Cyber Secure

Best-in-class Incident Recovery





With a comprehensive approach to Ransomware protection

When Ransomware attacks, you need best-in-class:

- Technology
- People, and
- Processes

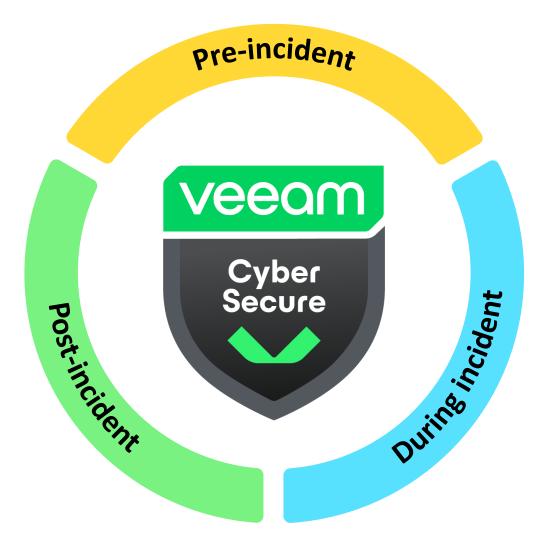
To protect your organization from a worst-case scenario











Full Support for Every Stage

Pre-incident

- Quarterly security assessments
- Advanced onboarding support
- Design and implementation services

During incident

- 24/7/365 30-minute first response SLA
- Dedicated Support Account Manager
- Veeam Ransomware Response Team
- Priority Issue Routing

Post-incident

 For verified attacks, get up to \$5 million USD in data recovery expense reimbursement



Pre-Incident



Advanced Onboarding Support

Expert guidance to ensure your Veeam environment is on the path to success!

- A Veeam Subject Matter Expert (SME) will be assigned to each organization
- Multi-phased approach to efficiently integrate Veeam security best practices and operational processes to rapidly reduce risk
- Quarterly assessments provided after onboarding to continually assess risk and secure your Veeam data protection solution

7 Phase On-Boarding Methodology

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Getting Started

Architect, Sizing & Hardened
Deployment

Planning & Managing Veeam Jobs

Protecting against Data Loss

5



Master Restores

6



Executive Debrief



Quarterly Security
Evaluations



Pre-Incident



Veeam's Security Best Practices

Rely on a trusted partner to ensure your IT security follows best-practice

Veeam experts conduct quarterly health checks that leverage an extensive 100+ point security check list:

- Components within your data protection environment
- Security permissions, passwords, access
- Back-up storage practices
- Back-up encryption and key storage
- Orchestrated recovery

Leverage our extensive Veeam Accredited Service Partner (VASP) network for design and implementation services





During Incident



Ransomware SWAT Team

We'll be there to help

In the event of a ransomware attack, you get:

- Ransomware Recovery Support Account Manager
 24/7/365 availability
- 30 min response SLA
- Avg resolution time for team: 15 hours





Veeam Ransomware Recovery Warranty

By following our best practices, Veeam is so confident customers can recover quickly from a ransomware attack with clean reliable backups, They'll cover up to \$5 million (USD) in data recovery costs if the eligible solution does not permit to materially restore the Customer Data to the last clean and usable backup.

https://www.veeam.com/products/ransomwar e-recovery-warranty-terms-conditions.html





Veeam Security Features Summary

Backup Environment Security

- Security & Compliance Analyzer
- SIEM integration
- Threat Center & Awareness
- Four eyes approval

Multi-Factor Authentication

- Veeam Backup Console
- Enterprise Manager SAML
- AWS, Azure, GCP appliances

Immutable Backups

- Veeam Hardened Repository
- Object Storage
- Multiple vendor integrations

Verified, Reliable Backups

- Storage-level corruption guard
- SureBackup automated recovery verification

Airgap

- Logical airgap Veeam Hardened Repository
- True airgap native tape support

Secure client authentication

- Microsoft gMSA support
- 100% Kerberos support
- Key-based Linux authentication

Multiple resiliency domains

- Mix immutable storage platforms
- 3-2-1-1-0 Rule

Data Freedom

- Encryption key loss protection
- Self-contained backup files
- Cloud and Hypervisor mobility

End-to-end encryption

- TLS management traffic
- TLS or AES256 data traffic
- FIPS 140-2 cryptography
- KMIP

Role-based security

- Local privileged accounts
- Web UI for domain accounts via SAML 2.0

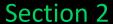
Integrated Threat Detection

- YARA backup scanner
- Signature-based scanner
- Scheduled or ad hoc

Advanced Anomaly Detection

- AI\ML entropy and content scanner
- Indexing scanner
- Incident API







NIST by Veeam

And Bechtle ©



What is NIST?

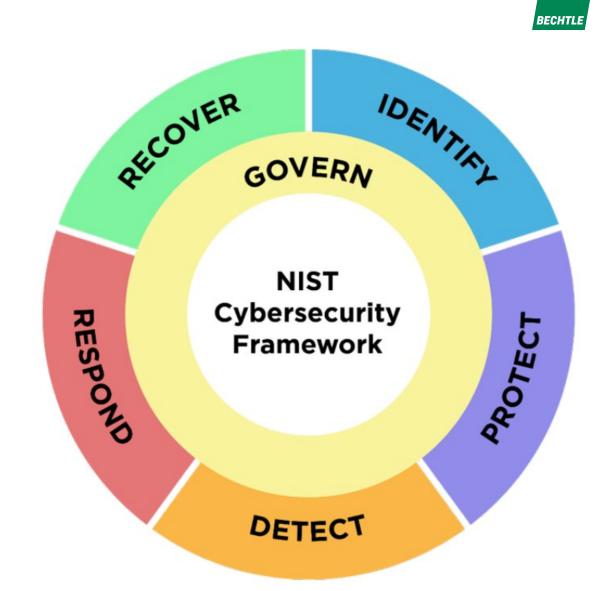
You are concerned!

NIS2, Network and Information Security version 2

Provides guidance to industry, government agencies, and other organizations to manage cybersecurity risks

Who is affected? Essential or Critical Infrastructure Industries, Important Entities, partners and providers

https://nis2directive.eu



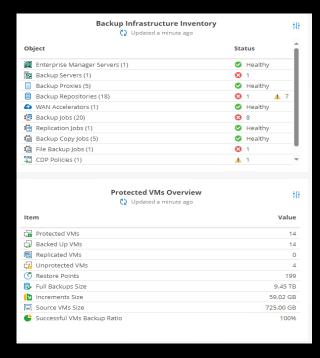


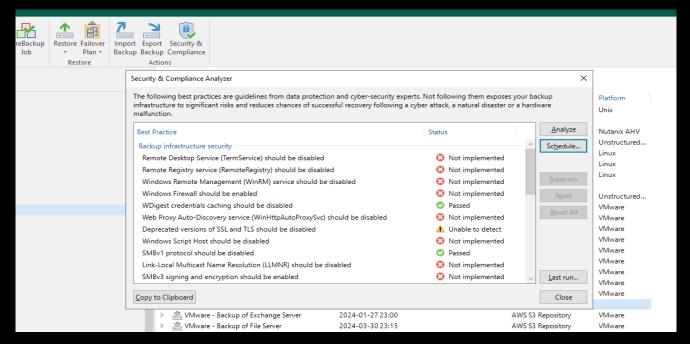
Identify

Security and Compliance Analyzer

Infrastructure and Backup Reporting / Labeling

YARA









Protect

Backups

Identity management: RBAC & Data Cloud Roles

SureBackup

Security Analyzer & Threat Center

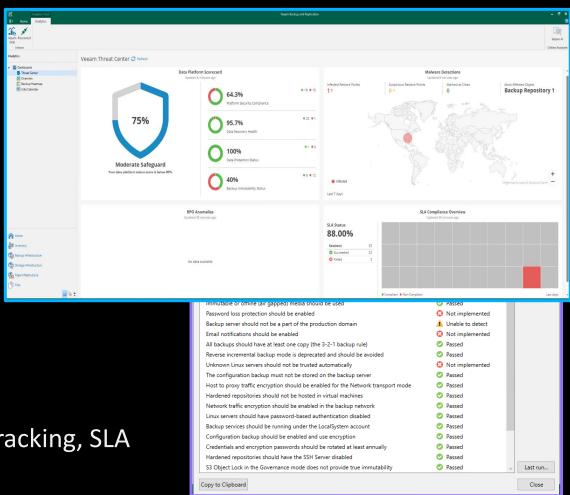
KMS / Encryption / FIPS

Immutabilities

Four Eyes approval

Veeam ONE - Monitoring and alert: Configuration tracking, SLA

Consulting





Detect

Inline Malware Detection

Suspicious file system activity detection

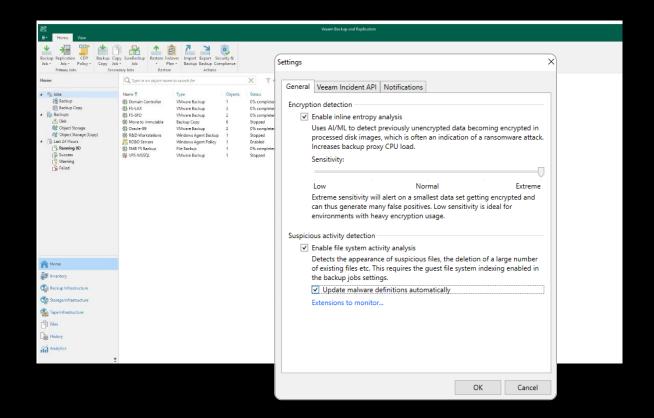
Scan Backup

Early threat detection / Incident API

Real Time Monitoring

Dedicated Ransomware Activity Alerts

Integration with Microsoft inbuilt virus scanner







Respond

Automated Alarm Remediation

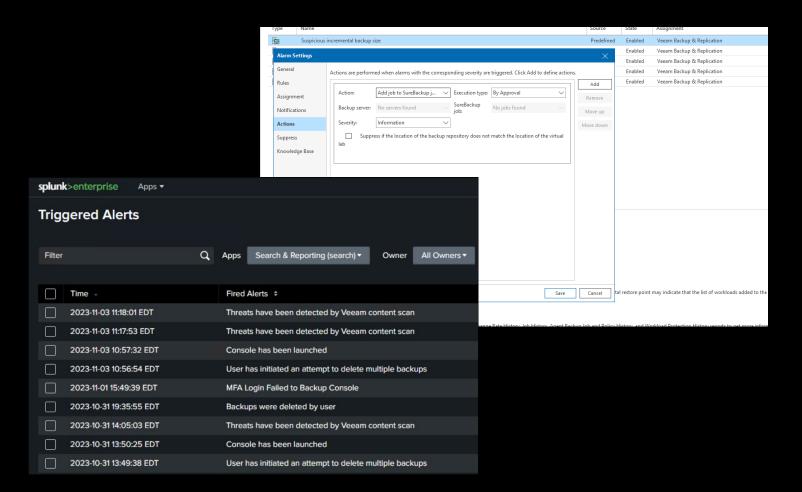
Event Forwarding via SIEM

Dynamic Documentation

E-Discovery – Veeam Data Cloud

CyberSecure

Bechtle







Recover

Secure restore – MDR, Yara, Third party (automate), Quarantine Net

Last known clean point

Stage restore / Data Labs with a SIRT (deep inspection)

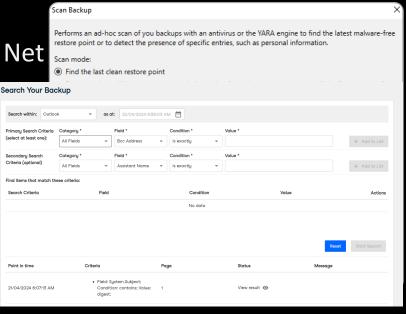
Recovery Orchestration – VRO

Whatever Instant Recovery – DB, NAS, VMs, disks

Restore anywhere – Clouds, Nutanix, VMware, Hyper-V, Physical, KVM,...

E-Discovery – Veeam VBO/Data Cloud

CyberSecure / Bechtle Advanced Support





Govern

Policy Enforcement

Risk Assessment

Access Control

Strategy Support

Supply Chain Management

Oversight and Reporting

Contextual Understanding

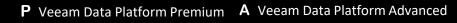
ERM Integration





Veeam features & editions aligned with NIST 2

Govern	Identify	Protect	Detect	Respond	Recovery
G Policy Enforcement G Risk Assessment G Access Control G Strategy Support G Supply Chain Management A Oversight and Reporting G Contextual Understanding G ERM Integration □ Bechtle Consulting	F Security and Compliance Analyzer F YARA A Infrastructure and Backup Reporting / Lab eling □ Bechtle Consulting	F Backups F Identity management: RBAC & Data Cloud Roles F SureBackup F Security Analyzer & Threat Center F KMS (advanced) / Encryption / FIPS F Immutabilities F Four Eyes approval F Consulting A Monitoring and alert: Configuration tracking, SLA □ Bechtle Consulting	 F Inline Malware Detection F Suspicious file system activity detection F Scan Backup F Early threat detection A Real Time Monitoring A Dedicated Ransomware Activity Alerts P Integration with Microsoft inbuilt virus scanner □ Bechtle Advanced Support 	 F Event Forwarding via SIEM A Automated Alarm Reme diation P Dynamic Documentation P CyberSecure □ Bechtle Advanced Support 	F Secure restore – MDR, Yara, Third party (automate), Quarantine Net A Last known clean point F Stage restore / Data Labs with a SIRT (deep inspection) P Recovery Orchestration – VRO F Whatever Instant Recovery – DB, NAS, VMs, disks F Restore anywhere – Clouds, Nutanix, VMware, Hyper-V, Physical, KVM, C E-Discovery – Veeam Data Cloud □ Bechtle Advanced Support



F Veeam Data Platform Foundation **C** Veeam Data Cloud







Better be ready than sorry!

Citation de: Nous espérons vous tous





Merci!

Des questions? Contactez-nous: it-forum.ch@bechtle.com







