

# **ふ** Netwrix Auditor

Know Your Data. Protect What Matters.

www.netwrix.com

# **01** Product Overview

## **Netwrix Auditor Platform**

Netwrix Auditor is an **agentless data security platform** that empowers organizations to accurately identify sensitive, regulated and mission-critical information and apply access controls consistently, regardless of where the information is stored. It enables them to **minimize the risk of data breaches** and **ensure regulatory compliance** by proactively reducing the exposure of sensitive data and promptly detecting policy violations and suspicious user behavior.

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Identify Understand which data needs protection and how exposed it is.

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**Protect** Minimize the risk of a data breach.



**Detect** Promptly detect data security threats.

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#### Respond

Make faster and more informed incident response decisions.

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#### Recover

Facilitate the recovery of key data and learn from past incidents. 

#### **Comply** Achieve and prov

Achieve and prove regulatory compliance.



### Understand which data needs protection and how exposed it is

Identify and classify sensitive data, both structured and unstructured, and data and infrastructure risks that might endanger its security.

#### Minimize the risk of a data breach

See who has access to what and proactively remediate the overexposure of sensitive, regulated and mission-critical data.

#### Promptly detect data security threats

Spot abnormal user behavior and policy violations that threaten data security.

#### Make faster and more informed incident response decisions

Reduce mean time to respond to data security threats and contain incidents.

#### Facilitate the recovery of key data and learn from past incidents

Review comprehensive details about how a security incident happened and what data was affected.

### Achieve and prove regulatory compliance

Proactively assess the effectiveness of your data security controls and prove your compliance to auditors with hard evidence.

### 03 Understand which data needs protection and how exposed it is

#### Prioritize the security of sensitive data across multiple data silos

Classify and tag both unstructured and structured data regardless of its location so you can prioritize the security of sensitive information. Apply security policies consistently across multiple data repositories.

#### Sensitive Files Count by Source

Shows the number of files that contain specific categories of sensitive data. Clicking the "Categories" or "Source" link narrows your results down to a certain file in this report. Use this report to estimate amount of your sensitive data in each category, plan for data protection measures and control their implementation.

Categories	Files count
GDPR	1300
PCI DSS	585
GDPR	715
HIPAA	1085
PCI DSS	952
GDPR	1500
HIPAA	250
PCI DSS	15
	GDPR PCI DSS GDPR HIPAA PCI DSS GDPR HIPAA

#### **Overexposed Files and Folders**

Shows sensitive files and folders accessible by the specified users or groups, based on the combination of folder and share permissions. Clicking the "Object path" link opens the "Sensitive File and Folder Permission Details" report. Use this report to identify data at high risk and plan for corrective actions accordingly.

#### Group Name: Everyone

Object path	Categories	
\\fs1\Accounting\Contractors	GDPR	
	PCI DSS	
	PII	
\\fs1\Accounting\Payroll	GDPR	
	PCI DSS	
\\fs1\Accounting\Invoices	GDPR	
	PCI DSS	

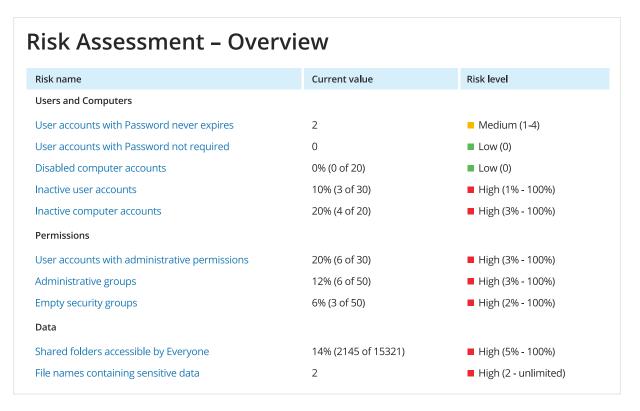
# Identify overexposed sensitive data

See which pieces of sensitive data are most at risk so you can prioritize remediation of those risks. Discover sensitive information that is exposed to a large number of users without a business need or that is stored in an unsecure location.

### **04** Understand which data needs protection and how exposed it is

### Assess data and infrastructure security risks

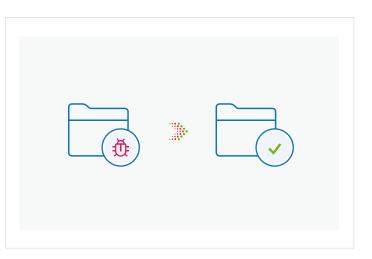
Identify both data and infrastructure security gaps, such as a large number of directly assigned permissions or too many inactive user accounts. Continuously evaluate these security metrics and focus on what's most important.

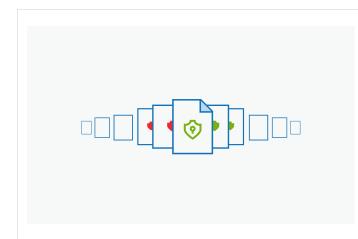


## **05** Minimize the risk of a data breach

#### Automatically quarantine sensitive data to reduce the risk of a breach or loss

If a sensitive document pops up in an unexpected location, automatically move it to a quarantine area until you can determine where it should be stored and who should have access to it.





### Immediately lock down sensitive data that is overexposed

If access controls around sensitive data are not risk-appropriate, automatically remove all rights to read or modify this information from global access groups like Everyone.



#### Streamline regular privilege attestations

See who has access to what sensitive data and how they got that access, and enable data owners to regularly verify that these rights are in line with business needs. If they aren't, remove excessive permissions to enforce the least-privilege principle and keep risk at an acceptable level.

### Sensitive File and Folder Permissions Details

Shows permissions granted on files and folders that contain certain categories of sensitive data. Use this report to see who has access to a particular file or folder, vie either group membershir or direct assignment. Reveal sensitive content that has permissions different from the parent folder.

#### Object: \\fs1\Accounting (Permissions: Different from parent)

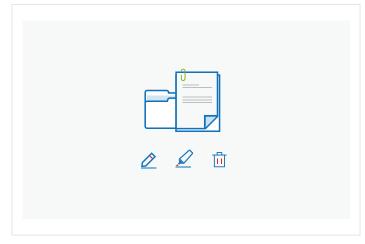
Categories: GDPR, PCI DSS		
Account	Permissions	Means Granted
ENTERPRISE\J.Carter	Full Control	Group
ENTERPRISE\T.Simpson	Full Control	Directly
ENTERPRISE\A.Brown	Full Control	Group
Object: \\fs1\Accounting\Europ Categories: GDPR	pe (Permissions: Different from pa	arent)
	pe (Permissions: Different from pa Permissions	Means Granted
Categories: GDPR		

# **07** Minimize the risk of a data breach

# Increase the precision of your DLP solution

Non-sensitive items tagged by mistake do not require protection. Optimize your data security efforts by increasing the accuracy of your data loss prevention (DLP) tool using the high-precision classification tags written by Netwrix Auditor.





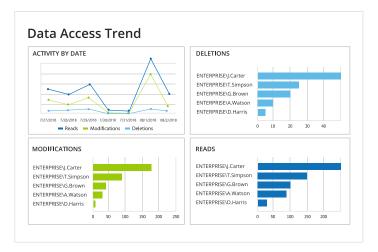
### Redact sensitive information based on corporate policy

Reduce the risk of exposure of confidential information by automatically redacting sensitive content from documents if there's no business requirement for it to be there. Maintain productivity by keeping the rest of the document intact.

# **08** Promptly detect data security threats

### Establish strict accountability over the use of privileged accounts

Continuously monitor the activity of privileged users across all systems to ensure that they follow internal policies and don't abuse their privileges to access, modify or delete sensitive data without being caught.



#### Administrative Group Membership Changes

Shows changes to membership of the Domain Admins, Enterprise Admins, Schema Admins, Account Operators, and other administrative groups.

#### Group name: \ENTERPRISE\Users\Domain Admins

Action	Member	Who	When
Added Where:	\ENTERPRISE\Users\Jack Falcon dc1.enterprise.com	ENTERPRISE\ R.Ferrano	9/17/2018 6:57:32 PM
iroup name: \EN	TERPRISE\Users\Domain Admins		
Action	Member	Who	When
Added Where:	\ENTERPRISE\Users\Liza Lee dc1.enterprise.com	ENTERPRISE\ P.Jackson	9/16/2018 7:07:18 PM

# Stay on top of privilege escalation

Detect any changes to access rights or group membership so you can assess whether any permissions to sensitive data have been modified without a legitimate reason. Quickly revert any improper changes to reduce risk.

# **09** Promptly detect data security threats

# Detect ransomware attacks in progress

Get alerted about signs of possible ransomware activity, such as a large number of file modifications in a very short period of time. Quickly isolate the user account responsible to stop the ransomware from encrypting all the files that account has access to across your network.

#### Netwrix Auditor Alert

#### Possible ransomware activity

The alert was triggered by 150 activity records being captured within 60 seconds. The most recent of those activity records is shown below. To review the full activity trail, use the interactive search in Netwrix Auditor.

Who:	ENTERPRISE\J.Carter
Action:	Modified
Object type:	File
What:	\\fs3.enterprise.com\Documents\Contractors\payroll2017.docx
When:	4/28/2018 11:35:17 AM
Where:	fs3.enterprise.com
Workstation:	mkt025.enterprise.com
Data source:	File Servers
Monitoring plan:	Enterprise Data Visibility Plan
Details:	Size changed from "807936 bytes" to "831488 bytes"

This message was sent by Netwrix Auditor from au-srv-fin.enterprise.com.

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O Data source "User.	Activity (Video)"	×			
📝 Open in r	new window	SEARCH		Advanced mo	de
Who	Object type	Action	What	Where	When
ENTERPRISE\J.Carter Show video	Window			357. B-	- 1919 - Sea - Sea - Sea - Sea - Sea - Se - Sea - S
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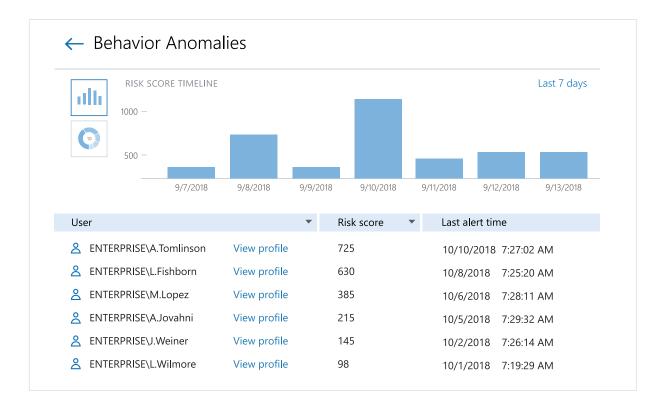
# Keep third-party activity under close scrutiny

Carefully monitor the activity of third-party user accounts in any system or application, even if it doesn't produce any logs, to ensure full accountability. Get notified any time a vendor does something outside of their scope of activity, since their unauthorized actions could put your data at risk.

# **10** Promptly detect data security threats

### Detect compromised accounts and malicious insiders

Promptly detect even subtle signs of possible data security threats in progress, such as unusual logons or users accessing sensitive data they haven't accessed before. Easily identify and investigate the users who pose the most risk with an aggregated view of the anomalous activity by each individual.

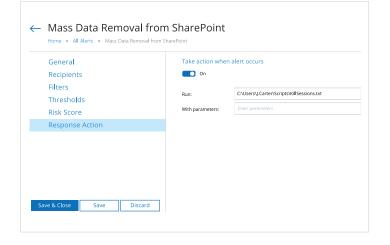


# **11** Make faster and more informed incident response decisions

# Streamline incident investigation

Quickly get to the bottom of incidents involving sensitive data: Understand exactly what happened, how it happened, who was behind it and which pieces of information were affected. Use this context to formulate the best possible response to the incident.

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Who	Object type	Action	What	When	Details	
Enterprise\I.Kev	File	Read	\\fileserver1\shared\Finance\O4 2018\	10/25/2018	Activity record o	ietails
Enterprisely.key	rite	Reau	Revenue Forecast.xlsx	9:01:13 AM	Data source:	File Servers
					Monitoring plan:	File Servers
Enterprise\J.Key	File	Read	\\fileserver1\shared\Finance\Q4_2018\ Risk Assessment.pdf	10/25/2018 9:00:10 AM	Item:	\\fileserver1\shared (Windows file share)
			nak saacaamenepur	2.00.10 HM	Workstation:	172.17.2.39
Enterprise\J.Key	File	Copied	\\fileserver1\shared\Finance\Q4_2018\ Audit Report.docx	10/25/2018 9:00:02 AM	Details:	Process: C:\Windows\ explorer.exe Session ID: 00042101-0000-0000-01de 1d09158573e0
Enterprise\I.Kev	File	Removed	\\fileserver1\shared\Finance\Q4 2018\	10/25/2018	Account details	
,,			Revenue Forecast draft.xlsx	8:59:45 AM	Account:	Enterprise\J.Key
					Full name:	Jordan Key
Enterprise\[.Key	File	Modified	\\fileserver1\shared\Finance\Workflows\	10/25/2018	AD Status:	Disabled
			Billing workflow.pdf	8:59:23 AM	Last logon:	10/25/2018 9:04:00 AM
					Manager:	Enterprise\S.Carson
Enterprise\J.Key	File	Modified	\\fileserver1\shared\Finance\Workflows\	10/25/2018	Phone:	+12025550177
			Forecasting workflow.pdf	8:58:21 AM	Member of:	Enterprise\Users
						Enterprise\Domain Users
Enterprise\J.Key	File	Modified	\\fileserver1\shared\Finance\Workflows\	10/25/2018		Enterprise\Marketing
			Auditing workflow.pdf	8:58:02 AM		Everyone



# Reduce the mean time to respond

React to data security threats faster by automating response to anticipated incidents. Provide initial incident support and enable faster, more accurate investigations by integrating Netwrix Auditor into your SecOps process.

# **12** Make faster and more informed incident response decisions

#### Determine and report the severity of a data breach

Analyze how much data a malicious insider or a compromised account had access to and exactly which pieces of data were actually viewed, modified or deleted. Use this information to determine whether you need to report the incident and, if necessary, to notify all affected parties and take other appropriate steps.

### Activity Related to Sensitive Files and Folders

Shows all access attempts (failed and successful changes, and successful and failed read attempts) to files and folders that contain certain categories of sensitive data.

Action	Object type	What	Who	When
Read (Failed Attempt)	Folder	\\fs1\Accounting\Payroll	ENTERPRISE\ M.Smith	3/12/2018 9:25:49 AM
Where: Workstation: Categories:	fs1 192.168.77.25 PCI DSS			
Read	Folder	\\fs1\Accounting\Payroll	ENTERPRISE\ M.Smith	3/12/2018 9:25:55 AM

### **13** Facilitate the recovery of key data and learn from past incidents

Understand the value and sensitivity of data to plan information recovery processes

Inventory your data and see where the most sensitive or valuable data is located. Create information recovery plans that prioritize the restoration of that data.

#### Sensitive Files Count by Source

Shows the number of files that contain specific categories of sensitive data. Clicking the "Categories" or "Source" link narrows your results down to a certain file in this report. Use this report to estimate amount of your sensitive data in each category, plan for data protection measures and control their implementation.

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PCI DSS	15
	GDPR PCI DSS GDPR HIPAA PCI DSS GDPR HIPAA

#### Activity Related to Sensitive Files and Folders

Shows all access attempts (failed and successful changes, and successful and failed read attempts) to files and folders that contain certain categories of sensitive data.

Action	Object type	What	Who	When
Removed	File	\\fs1\Finance\Revenue2018.x <b>l</b> sx	ENTERPRISE\ T.Simpson	12/22/2018 4:30:33 PM
Where: Workstation: Categories: Date created:	fs1 192.169.55.34 PCI DSS "1/24/2018 10:1	11:42 AM"		
Removed	File	\\fs1\Finance\Revenue2017.x <b>l</b> sx	ENTERPRISE\ T.Simpson	12/22/2018 4:35:47 PM
Where: Workstation: Categories: Date created:	fs1 192.169.55.34 PCI DSS "1/23/2017 11:3	34:54 AM"		

#### Get back up and running faster by prioritizing the recovery of key data

Determine which sensitive, confidential or mission-critical data was corrupted during an attack and prioritize its recovery. See who had what access to those documents to get your business users back up and running as soon as possible.

### **14** Facilitate the recovery of key data and learn from past incidents

### Incorporate lessons learned into your data security strategy

Analyze exactly how a security incident occurred and use this information to improve your data security strategy and prevent similar incidents in the future.

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Who	Object type	Action	What	Where	When
Enterprise\ J.Smith	File	Added	\\FS1\Shared\Finance\ Reports.exe	fs1. enterprise.com	10/2/2018 6:59:49 AM
Enterprise\ J.Smith	Window	Activated	Microsoft Edge	srv01. enterprise.com	10/2/2018 6:30:55 AM
Enterprise\ J.Smith	File	Added	\\FS1\Shared\ Finance.msi	fs1. enterprise.com	10/2/2018 6:30:00 AM
Enterprise\ J.Smith	Folder	Read	\\FS1\Shared\Finance	fs1. enterprise.com	10/2/2018 6:21:10 AM
Enterprise\ J.Smith	Window	Activated	Microsoft Edge	srv01. enterprise.com	10/2/2018 6:06:04 AM

## **15** Achieve and prove regulatory compliance

# Assess the effectiveness of data security controls

Implement compliance controls across your entire infrastructure and regularly assess whether they work as intended. If written security policies differ from what's actually in place, you can fix your faulty data security controls before auditors discover them.

#### **Account Permissions**

Shows accounts with permissions granted on files and folders (either directly or via group membership). Use this report to see who has access to files and folders and ensure these settings comply with your policies.

#### Group name: Everyone

Permissions	Means Granted
Read (Execute, List folder content)	Directly
Full Control	Directly
Read (Execute, List folder content)	Directly
Read (Execute, List folder content)	Directly
Full Control	Directly
Full Control	Directly
	Read (Execute, List folder content) Full Control Read (Execute, List folder content) Read (Execute, List folder content) Full Control

United Kir	ngdor	n			
Find:	Jason Smith				
Filter by URL:					
Search			add custom filter		
Suggest	Clues	Add to Working Set	Add to Negative Working Set	Re-Classify	
Displaying	results '	to 10 of 53			
Extract: Jas	on Smith	J Promo\Participants.do → 315-42-9313 → Full Ti eting\EU Promo\Participants.do	me Manuel Moller → 342-56-16	76 → Full Time Ange	Suggest el Cobbs → 375-03-7817
2 http://sp.e	nterpris	e.com/sites/Accounting/	EU Invoices/Invoice 3_18.pdf(	100%)	Suggest
			es Dr, London NW4 3FP, UK Bi 18 Invoice Number: 55543/1 Cl		
[128KB] http:	//sp.enter	orise.com/sites/Accounting/EU	Invoices/Invoice 3_18.pdf		

# Comply with access requests

Easily find all data you store about a particular data subject when they exercise their privacy rights under GDPR, CCPA and other modern regulations. Provide them with a list of this information or erase it completely if they withdraw their consent.

# **16** Achieve and prove regulatory compliance

# Slash time spent on compliance preparation and audits

Prepare for the bulk of auditors' requests by taking advantage of out-of-the-box reports aligned to the compliance controls of HIPAA/HITECH, PCI DSS, GDPR and other common regulations.

Enter your search	Q
> 늘 CJIS Compliance	
🖻 📄 FERPA Compliance	
🛛 📙 FISMA/NIST Compliance	
🛛 📙 GDPR Compliance	
🖻 📙 GLBA Compliance	
🔺 📁 HIPAA Compliance	
🖻 Effective Group Membership	
🖻 Failed Read Attempts	
🛛 🖿 ISO/IEC 27001 Compliance	
NERC CIP Compliance	
PCI DSS Compliance	

#### Long-Term Archive

Location and retention settings for the local file-based storage of audit data.

#### Location and retention settings

- Write audit data to: C\Program Data\Netwrix Auditor\Data
- Keep audit data for: 60 months

Netwrix Auditor uses the LocalSystem account to write audit data to the Long-Term Archive

# Store and access your audit trail for years

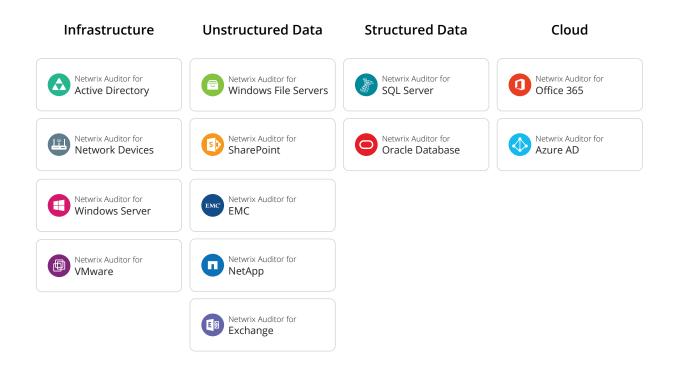
Keep your audit trail archived in a compressed format for more than 10 years, as required by many regulations, while ensuring that all audit data can easily be accessed by authorized users at any time.

Modify



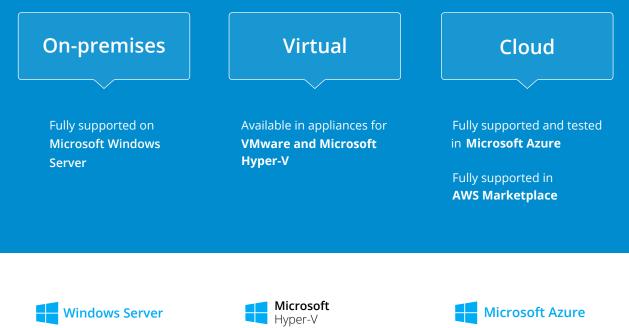
# **Netwrix Auditor Applications**

Netwrix Auditor platform includes a broad range of applications that provide a single-pane-of-glass-view of what's going on across **both data storages** and **backbone IT systems**. This insight enables organizations to understand where sensitive data is located, what the risks around it are and what activity is threatening its security.



# **Deployment Options**

On-premises, virtual or cloud — deploy Netwrix Auditor wherever you need it









### RESTful API — endless integration capabilities for improved data security and streamlined reporting



### Centralize auditing and reporting

Netwrix Auditor collects activity trails from any on-premises or cloud applications and stores them in a secure central repository, ready for historic reviews and compliance inquiries.



### Get the most from your SIEM investment

By feeding granular audit data into your HP Arcsight, Splunk, IBM QRadar or other SIEM solutions, Netwrix Auditor increase the signal-to-noise ratio and maximizes SIEM value.



#### Automate IT workflows

Netwrix Auditor integrates with other IT security, compliance and data management tools, thereby automating and improving IT workflows and SecOps processes.

Visit the Netwrix Auditor Add-on Store at **www.netwrix.com/go/add-ons** to find free add-ons built to integrate Netwrix Auditor with your IT ecosystem.

Built for IT environments of all sizes, Netwrix Auditor architecture supports the growth of your organization



#### Nonprofit, 150 employees

Horizon Leisure Centres accelerates data classification to ensure the security of sensitive data and comply with GDPR.



#### **Education, 1K employees**

William Woods University uses Netwrix Auditor to reduce risk of data exposure and improve security posture.



#### Government, 3,8K employees

Johnson County in Kansas streamlines detection and investigation of suspicious events with Netwrix Auditor.



#### Energy, 5,8K employees

Pike Electric troubleshoots security issues faster and ensures business continuity using Netwrix Auditor.

### netwrix

### **Next Steps**

Free Trial: setup in your own test environment

- On-premises: netwrix.com/freetrial
- Virtual: netwrix.com/go/appliance
- Cloud: netwrix.com/go/cloud

In-Browser Demo: interactive product demo in your browser netwrix.com/browser\_demo

Live Demo: product tour with Netwrix expert netwrix.com/livedemo

Contact Sales to obtain more information netwrix.com/contactsales



# Corporate Headquarters:Image: fine image: fine image:

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