

# IBM Guardium Discover and Classify — Data Subject Access Request



IBM



# Interdependence of the Indonesia PDP Law with IBM Security

Strengthen data privacy protection, build customer trust and grow your business

## Secure the User

Right of Access by the Data Subject, Right to Rectification, Right to be Forgotten, Right to Object, Supervise data processing parties, Prevent illegal access to personal data

IBM Security Verify

IBM Security Trusteer

## Secure the Data

Pseudonymization and Encryption of Personal Data, Ensure Confidentiality of Personal Data, Data Subject Access Request (DSAR)

IBM Security Guardium

IBM Security Discover and Classify

## Secure the Device

Technical measures to ensure a level of security appropriate to the risk of processing personal data

IBM Security MaaS360

## Secure the Threat

Monitor and control the processing of personal data

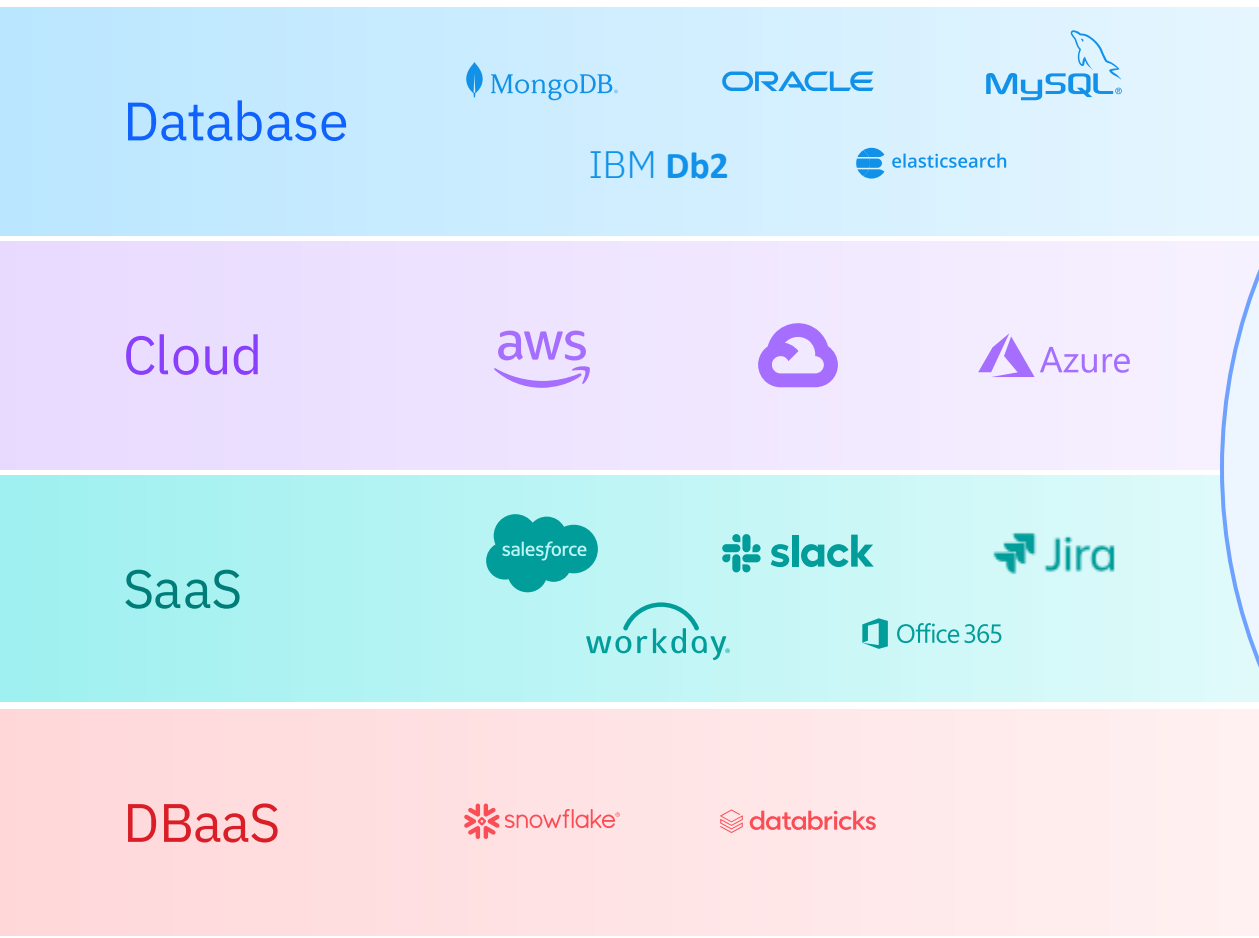
IBM Security QRadar XDR



Enforces compliance by securing access and processing of personal data to comply with Law of the Republic of Indonesia No. 27 of 2022

# You can't secure what you don't know exists

## Discover your sensitive data



Understand  
your data

## Build an asset inventory

-  Discover structured & unstructured data
-  Classify how sensitive it is
-  Map to regulations and policies
-  Compile this to a central inventory

## Explain data for compliance

- Who and what is accessing your data?
- What have they done, and what *can* they do?
- Who has privileged entitlements to sensitive data?
- What controls are in place on this data store?
- When did this change take place and who performed it?

I can tell you



# IBM Security Guardium

## Discover

Automate discovery and classification of on premises and cloud data and uncover critical vulnerabilities



Guardium  
Discover and Classify

## Encrypt

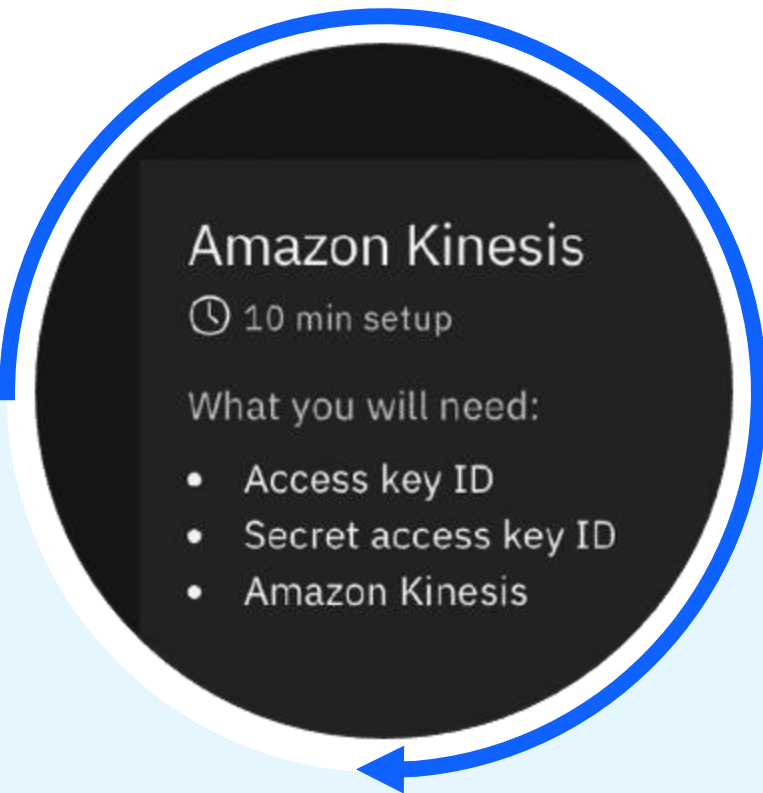
Safeguard privacy and confidentiality of data at rest, in motion, and in use with encryption and key management



Guardium  
Data Encryption and Key Lifecycle Manager

## Monitor

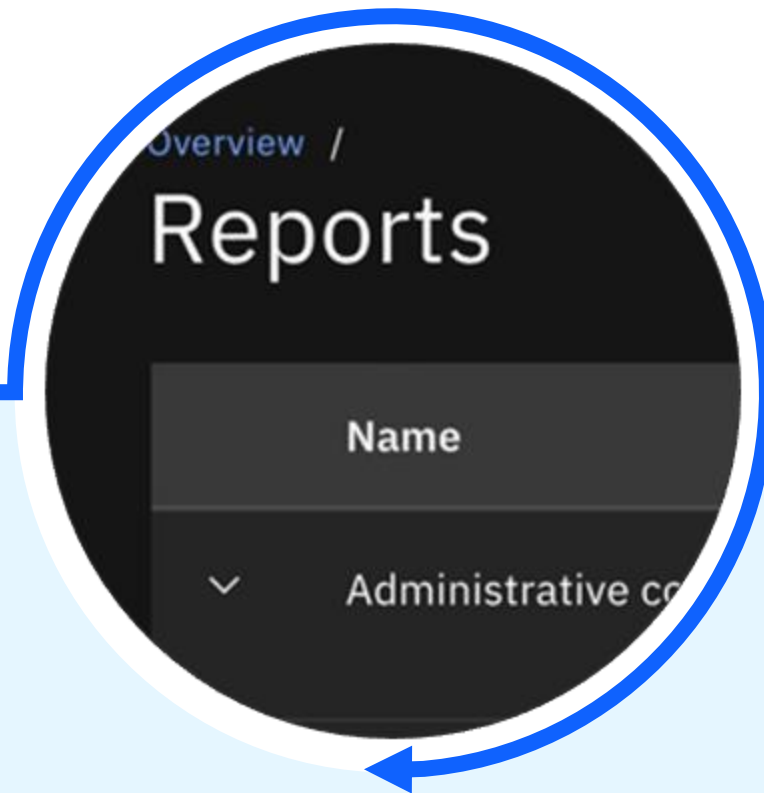
Protect and harden on-prem and cloud data sources, including Azure Event Hubs, AWS Kinesis, Snowflake, SAP, etc.



Guardium  
Data Protection and Insights and Vulnerability Assessment

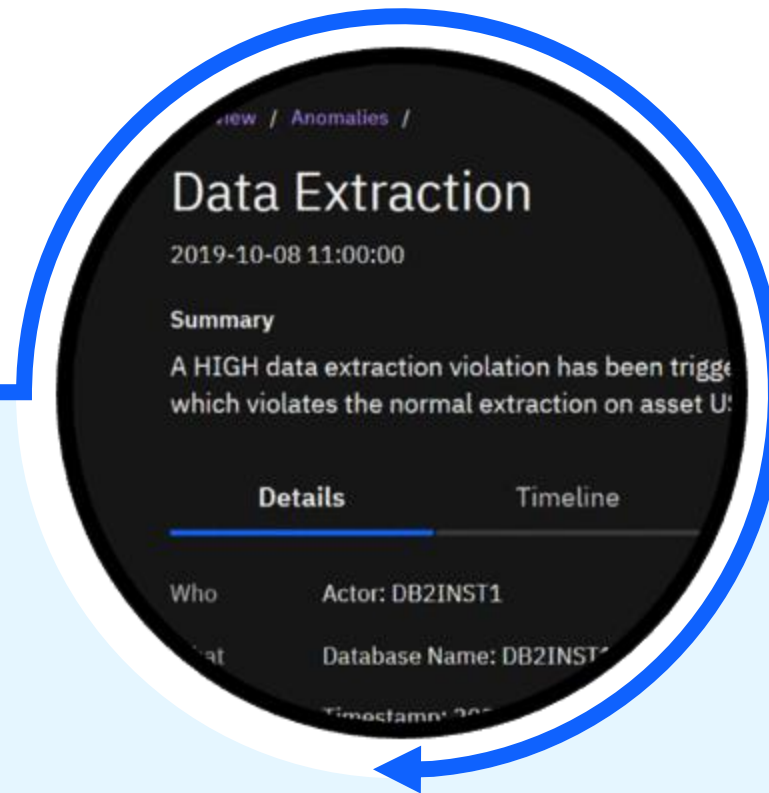
## Analyze

Generate reports and automate notification on long-term data activity within seconds, across the audit lifecycle



## Respond

Identify and respond to compliance and data security risks, across environments and teams, from one place



# IBM Guardium Discover and Classify

Uncover your sensitive data intelligence to speed up security, compliance, and privacy use cases

## Identify unknown data at scale

A network-based approach to discover and map sensitive data, both at rest and in-motion

## Automate insights, playbooks

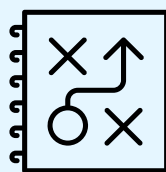
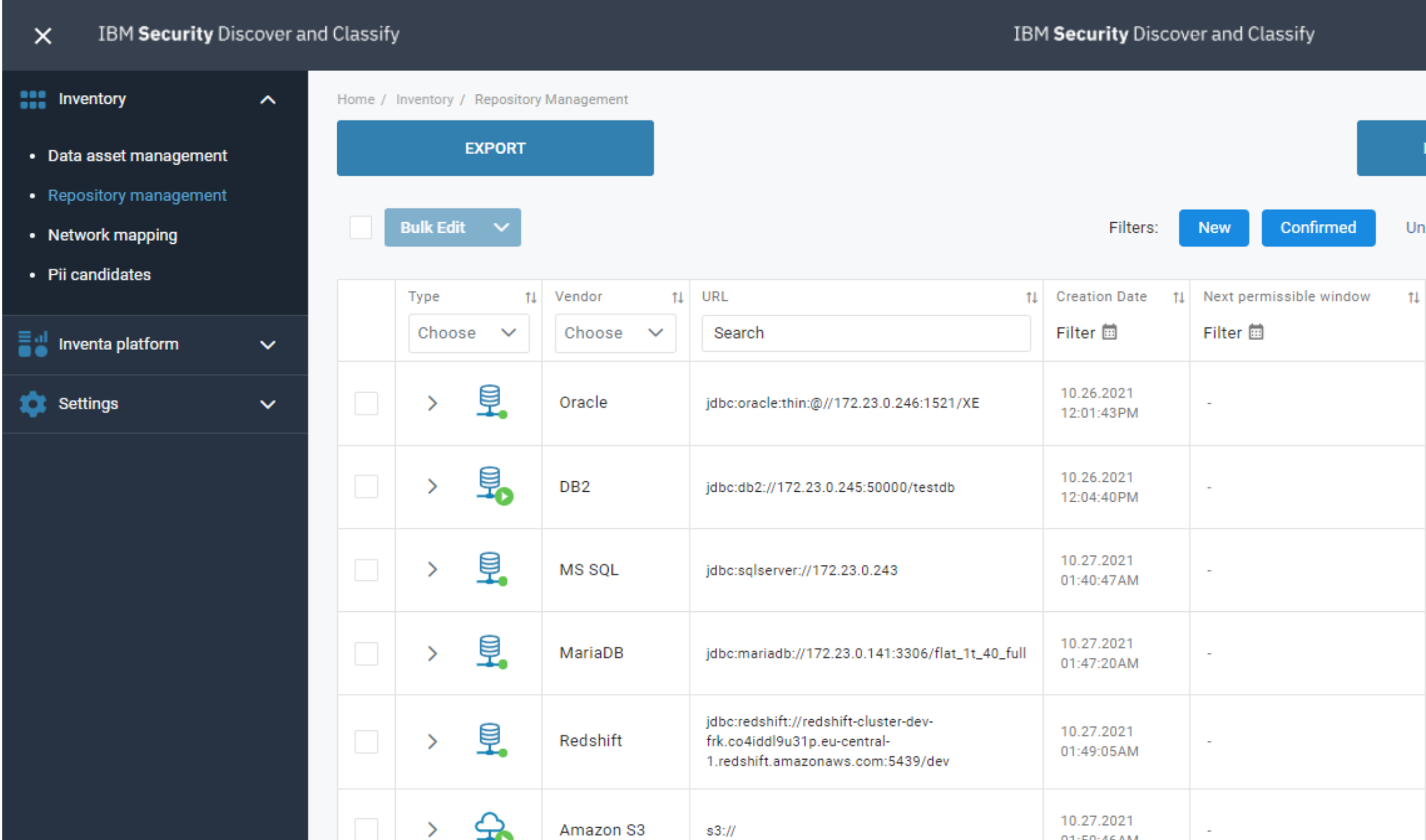
Understand data subjects, data lineage, stakeholders, processes... then assess risk, assist breach investigations, speed compliance, and remove unnecessary PII

## Classify sensitive data with AI

AI & ML classify both structured and unstructured data at the data element or repository level

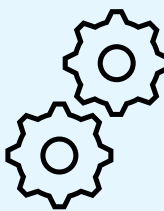
## Integrate with Guardium

Ready-to-use integration with Guardium Data Protection for stronger data classification, database monitoring, and vulnerability assessment



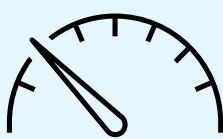
## Data Aware Security

Enables clear protection by classifying data sources to prioritize data protection needs



## Improve Efficiency

Significantly reduces false positives, which means analysts don't need to spend hours on them

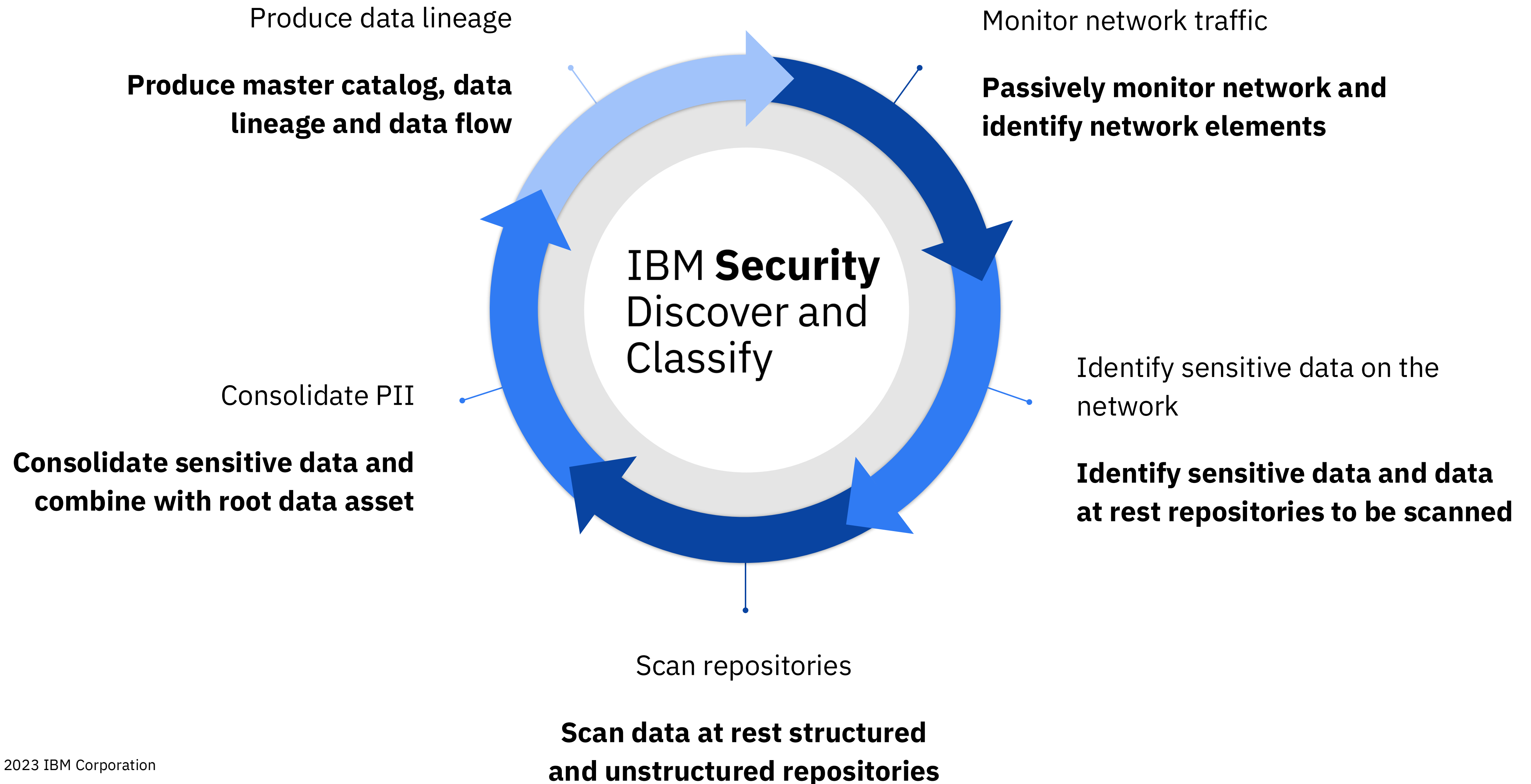


## Reduce Risk

Improve risk posture by combining data classification, activity monitoring and vulnerability management

# IBM Security Discover and Classify

How does IBM Security Discover and Classify work?





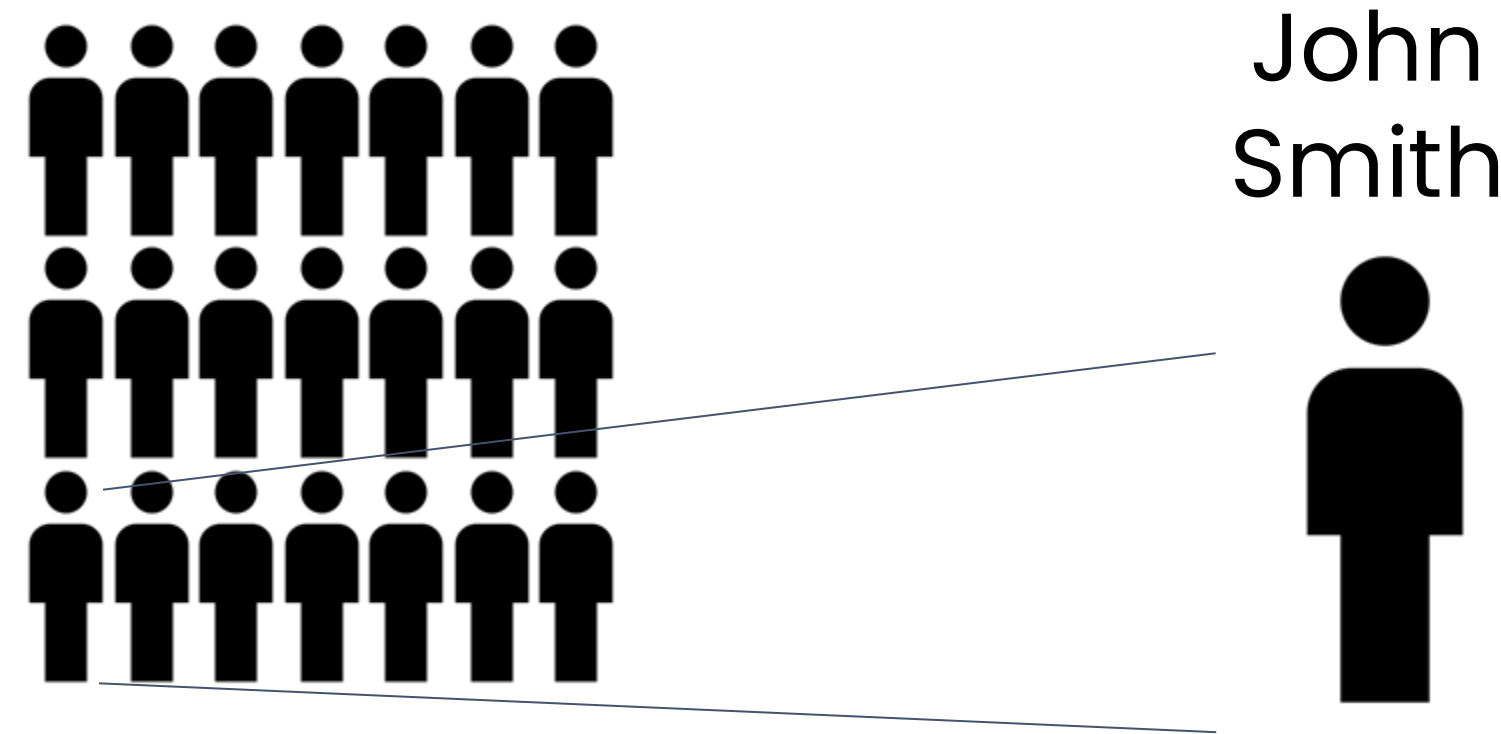
# IBM Security Discover and Classify

## IBM ISDC for Privacy Producing Master Catalog

Update data subject record and references to found PII

- Files, transactions, database records, log files, etc.
- Data subject relationship(s) with company

### VIP Customers



← John Smith	
Personal Data Usage	
John Smith Details	Copies of All Data Usage
Biometrics and Genetics	
DNA Sequence	EMBL
Facial Photographs	Image/scan
Fingerprints	Image/scan
Genetic Markers	RAPD
Other Genetic Data	ADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVM RSLGQNPTAEALQDMINEVTAK*
Retina Scan	Image/scan
Contact Information	
City	New York
Country	United States of America
Device ID	112233:445566
Email Address	john.smith@email.net
IP Address	255.255.255.0
Phone Number	+1 985.698.1258
Postal Code	14075

Transactions	
Mar 12, 2018 12:53:32 storage.1touch.io	2 Documents 2 Sensitive Categories
Mar 12, 2018 12:53:32 crmapp.1touch.io	1 Documents No Sensitive Categories
Mar 12, 2018 12:53:32 mobile.1touch.io	1 Documents 1 Sensitive Categories
File Browser	
Mar 12, 2018 12:53:32 23.43 MB	customers-europe.csv 1 Sensitive Categories
Mar 12, 2018 12:53:32 12.72 GB	customers-asia.csv 2 Sensitive Categories
Mar 12, 2018 12:53:32 639.39 KB	campaignJuly 2018 1 Sensitive Categories
Data Assets	
Default	General Privacy Flow 1 Sensitive Categories
Customers	Customers of Europe, North America, Asia 2 Sensitive Categories
VIP Program	Elite customers 2 Sensitive Categories
Premium Program	Premium customers 1 Sensitive Categories

# Customer

Request Access for data personal



Request  
Access for  
data personal

- Customer:
- Go to user portal
  - Asking for access data personal

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Not Secure — 169.60.204.105

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Login

Email

Password

Login

# Data Protection Officer (DPO)

Issue data personal



Request  
Access for  
data personal

- DPO:
- Check request
  - Request issue to Data Owner for data personal

cpd-cpd.apps.66728c53af9860001e6bf72d.cloud.techzone.ibm.com

Governance console | IBM watsonx

IBM watsonx | Governance console

Welcome, admin!

Last successful login 6/25/2024, 9:59 PM

Dashboard

My Tasks (2)

Subscription Tasks (0)

Oversight Tasks (2)

My Tasks

2

Filter By: Criticality Workflow Name Stage Type

Stack By: Type

View By: Week

Issue

2

0

1

2

wk of 6/10

wk of 6/17

wk of 6/24

Now

Overdue

Name	Type	Workflow Name	Stage (Status)	Criticality	Stage Due Date
Access Request for Personal Data	Issue	Issue Review Workflow	In progress	Medium	6/13/2024
Formal Request for Personal Data Disclosure	Issue	Issue Review Workflow	In progress	Medium	6/13/2024

Start Chat

# Data Owner

Discover an access of data personal



Data owner will check and generate the report

- Data Owner:
- Check request
  - Get the personal data access

IBM Security  
Discover and Classify

Welcome to Sensitive Data Intelligence

Search

### Business context

Review your personal data distribution by business purpose. Review your sensitive data by business context group including filters for regulations, data subject, usage and more. Manage sensitivity classes and data categories.

- Data assets
- Sensitivity
- Reasons for processing
- Business Unit
- Role
- Data Categories
- Regulation

### Data security

Ensure the security of your sensitive data through an understanding of where it is, what types of data are in the environment and what data is already protected

- Data Protection Dashboard
- Discovery & Classification Search
- Attack Surface Reduction
- Network Map

### Data privacy

Quickly research and generate reports for privacy regulation audits, quickly address data subject access requests.

- Data Subject Search
- Advanced Search

### Supervised AI

Use a simple, wizard-based machine learning tool to build, modify, and train AI models to identify personal and sensitive information about your employees and customers based on automatically discovered results. No data science expertise required

- Data Training
- RDAs & Virtual Views
- Candidates
- Accuracy Validation

### Policy

Create and manage policies that

### Ecosystem

Explore the integration options of this

### Inventory

Create and manage data source

### Support

Get answers to your questions

Activate Windows  
Go to Settings to activate Windows.

GUID: bae347eb-f3d2-4356-a2fa-58e084f03348

Data owner will check and generate the report

- Data Owner:
- Submit and request for approval (as expected or not)
  - Waiting and completed

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Governance console | IBM watsonx

IBM watsonx | Governance console

Request for ...

Request for ...

Action Item

Request for Access to Personal Data Recor...

Status

Open

Due Date

6/29/2024

Action

Task

Activity

Admin

\*Modified

Required\*

General

Name\*

Request for Access to Personal Data Record\_ISSUE\_ACTION\_ITEM\_000007

Description\*

ACTION

Status

Open

Percent Complete\*

0%

Comment

Issue\*

Request for Access to Personal Data Record

Description

I am writing to formally request access to the personal data your bank holds regarding my account(s) and transactions, as permitted by the relevant data protection and privacy regulations. I am seeking a comprehensive report that includes all personal information, transaction histories, and any other data associated with my interactions with the bank.

Stage

In Progress

Due Date

6/22/2024

Tags

No tags have been added yet.

Select an action to validate

All Key Items (5)

✓ Name\*

✓ Description\*

✓ Percent Complete\*

✓ Due Date\*

✓ Action Assignee\*

Start Chat



# Data Protection Officer (DPO)

Approve and closed the issue

# Request Access for data personal

- DPO:
- Check approval
  - Completed the issue request

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Governance console | IBM watsonx

IBM watsonx | Governance console

Request for ...

Request for ...

Request for Access to Personal Data Recor...

Awaiting Approval

Due Date  
6/29/2024

Actions

Task

Activity

Admin

\* Modified

Required \*

General ⓘ

Name \*  
Request for Access to Personal Data Record\_ISSUE\_ACTION\_ITEM\_000007

Description \*  
ACTION

Status  
Awaiting Approval

Percent Complete \*  
100%

Comment

Issue \*

Request for Access to Personal Data Record

Description  
I am writing to formally request access to the personal data your bank holds regarding my account(s) and transactions, as permitted by the relevant data protection and privacy regulations. I am seeking a comprehensive report that includes all personal information, transaction histories, and any other data associated with my interactions with the bank.

Stage  
Due Date

In Review  
6/29/2024

Tags

No tags have been added yet.

Select an action to validate

All Key Items (5)

✓ Name \*

✓ Description \*

✓ Percent Complete \*

✓ Due Date \*

✓ Action Assignee \*

Start Chat



