New- sensitivity info types and Auto-labeling

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Security

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Azure Active Directory

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Data classification

Overview   Trainable classifiers   Sensitive info types   Exact data matches   Content explorer

Get snapshots of how sensitive info and labels are being used across your organization's locations. Learn more

Top sensitive info types

No data found with sensitive information

Top sensitivity labels applied to content

No sensitivity labels detected

You haven't created any sensitivity labels or they haven't been applied to content yet.

Collapse Navigation

Data classification

Overview   Trainable classifiers   **Sensitive info types**   Exact data matches   Content explorer   ···

The sensitive info types here are available to use in your security and compliance policies. These include a large collection of types we provide, spanning regions around the globe, as well as any custom types you have created.

+ Create sensitive info type   ⟳ Refresh   264 items   🔍 Search

Name ↑	Type	Publisher
ABA Routing Number	Entity	Microsoft Corporat…
All Full Names	BundledEntity	Microsoft Corporat…
All Medical Terms And Conditions	BundledEntity	Microsoft Corporat…
	BundledEntity	Microsoft Corporat…

Sensitive info types > Create sensitive info type

- **Name**
- Patterns
- Recommended confidence level
- Finish

Name your sensitive info type

This name and description will appear in compliance policies that support sensitive info types, so be sure to enter text that helps admins easily understand what info will be detected.

Name *

Barbados National ID

Description *

Barbados National ID

Next

Canc

Sensitive info types > Create sensitive info type

- ✓ Name
- ● **Patterns**
- ○ Recommended confidence level
- ○ Finish

Define patterns for this sensitive info type

Sensitive info types are defined by one or more patterns. Each pattern must contain a primary element and confidence level, but you can also include supporting elements and additional checks to further refine the evaluation and detection of matching items. Learn about defining patterns

➕ Create pattern   0 patterns

No patterns yet
Create one now

Back   Next   Cancel

New pattern

At minimum, a pattern should have a confidence level and primary element to detect. Adding supporting elements, character proximity, and additional checks will help increase accuracy.

Confidence level * (i)

| High confidence | ∨ |

Primary element * (i)

+ Add primary element ∨

Regular expression

Keyword list

Keyword dictionary

Functions

Character proximity (i)

Confidence level * (i)

Reflects the confidence of the match, which typically increase when supporting elements are detected along with the primary element. The more supporting elements you specify, the higher the confidence level you should select to ensure that matched items contain the sensitive info you're looking for. For example, matches with a high confidence level will contain more supporting elements in proximity of the primary element, whereas matches with a low confidence level would contain little to no supporting elements in close proximity.

ID * ⓘ

Barbados ID Key list

Keyword group #1 * ⓘ

Create different keyword groups if you want certain sets of keywords to be detected based on word matches and others to be based on string matches. For example, if you enter the keyword 'nation', a string match would detect that term as well as any others that contain the same text (like 'national'), whereas a word match would only detect the exact term 'nation'.

Case insensitive

National
Id
Identification
Barbados
number

Case sensitive

Enter keywords, separated by a new line. Each keyword is limited to 50 characters, and exact casing is required to detect matches.

+ **Add another keyword group**

Done   Cancel

At minimum, a pattern should have a confidence level and primary element to detect. Adding supporting elements, character proximity, and additional checks will help increase accuracy.

Confidence level * ⓘ

High confidence ⌄

Primary element * ⓘ

Keyword list: Barbados ID Key list ✏ 🗑

Character proximity ⓘ

Detect primary AND supporting elements within [50 ⇕] characters

☐ Anywhere in the document

Supporting elements ⓘ

➕ Add supporting elements or group of elements ⌄

Additional checks ⓘ

➕ Add additional checks ⌄

Create   Cancel

Define patterns for this sensitive info type

Sensitive info types are defined by one or more patterns. Each pattern must contain a primary element and confidence level, but you can also include supporting elements and additional checks to further refine the evaluation and detection of matching items. Learn about defining patterns

+ Create pattern   1 pattern

Name   Confidence le

∨ **Pattern #1**   High

| Back | Next | | Canc |

Sensitive info types > Create sensitive info type

- ✓ Name
- ✓ Patterns
- ● **Recommended confidence le...**
- ○ Finish

This will appear as the recommended confidence level for this info type when it's included in supported compliance policies. Admins will be able to change it as needed. Each level reflects how many supporting elements were detected along with the primary element. The more supporting elements an item contains, the higher the confidence that a matched item contains the sensitive info you're looking for. Learn more about confidence levels

◉ **High confidence level**

Matched items will contain the fewest false positives but the most false negatives.

○ **Medium confidence level**

Matched items will contain an average amount of false positives and false negatives.

○ **Low confidence level**

Matched items will contain the fewest false negatives but the most false positives.

Back   Next   Cancel

Sensitive info types > Create sensitive info type

- ✓ Name

- ✓ Patterns

- ✓ Recommended confidence level

- ● **Finish**

Sensitive info type name

Barbados National ID

Edit

Description for admins

Barbados National ID

Edit

Patterns

Pattern #1   High confidence   ⓘ

Edit

Recommended confidence level

High

Edit

Back   Create

Sensitive info types > Create sensitive info type

- ✅ Name
- ✅ Patterns
- ✅ Recommended confidence level
- ✅ Finish

✅ **Your sensitive info type is created**

This sensitive info type is immediately available to include in your compliance policies. What policies detect sensitive info?

Done

+ Create sensitive info type   ⟳ Refresh   1 of 265 selected   🔍 Search

⌂ Home

🏆 Compliance Manager

⬙ Data classification

⧉ Data connectors

⚠ Alerts

📈 Reports

⚖ Policies

🔑 Permissions

🎁 Trials

Solutions

⊞ Catalog

Name ↑	Type	Publisher
Azure Storage Account Key	Entity	Microsoft Corporat.
Azure Storage Account Key (Generic)	Entity	Microsoft Corporat.
✔ Barbados National ID	Entity	Contoso
Barbados National Id No	Entity	Contoso
Belgium Driver's License Number	Entity	Microsoft Corporat.
Belgium National Number	Entity	Microsoft Corporat.
Belgium Passport Number	Entity	Microsoft Corporat.
	Entity	Microsoft Corporat.

+ Create sensitive info type ↻

Name ↑

Azure Storage Account Key

Azure Storage Account Key (

✓ Barbados National ID

Barbados National Id No

Belgium Driver's License Num

Belgium National Number

Belgium Passport Number

Barbados National ID

🧪 Test   📄 Copy   ✏ Edit   🗑 Delete

Description
Barbados National ID

Confidence level
High

Created by
Contoso

Pattern #1

Primary element
Keyword list: Barbados ID Key list

Upload file to test "Barbados National ID"

Upload a file to test whether these sensitive info types detects the matching elements you specified.
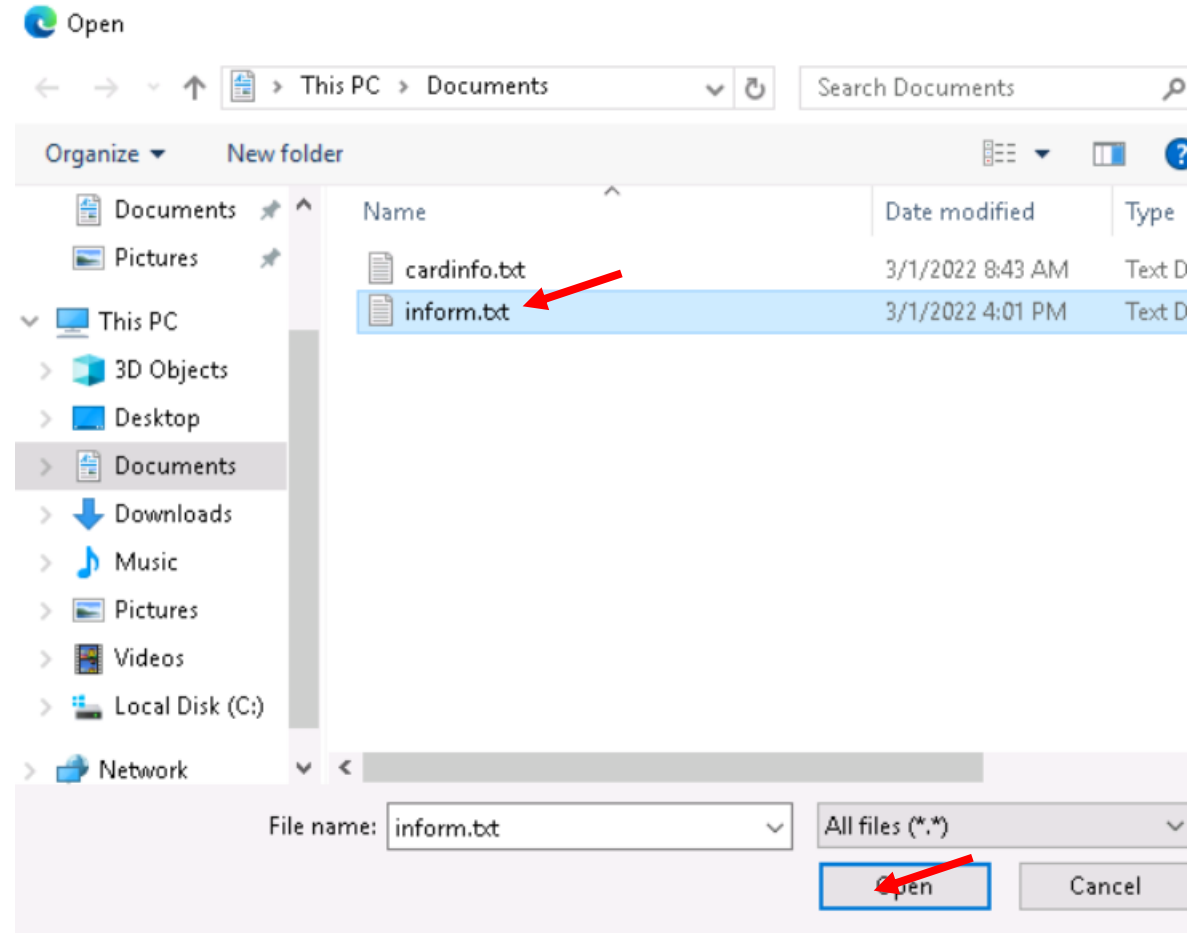
↑ Upload file

Testing these sensitive info types

- Barbados National ID

Test Cancel

Open

← → ↑ This PC > Documents

Organize ▾   New folder

Documents
Pictures

This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
Network

Name	Date modified	Type
cardinfo.txt	3/1/2022 8:43 AM	Text D
inform.txt	3/1/2022 4:01 PM	Text D

File name: inform.txt   All files (*.*)

Open   Cancel

Search Documents

Upload file to test "Barbados National ID"

Uploaded file: inform.txt

↑ Upload file

Testing these sensitive info types

- Barbados National ID

Test   Cancel

Match results

We have detected the following in inform.txt

1. Barbados National ID
Low – 3 unique matches

Matches	Supporting elements
Barbados	-
National	-
ID	-

2. Barbados National ID
Medium – 3 unique matches

Matches	Supporting elements
Barbados	-
National	-
ID	-

3. Barbados National ID
High – 3 unique matches

Matches	Supporting elements
Barbados	-
National	-
ID	-

Back   **Finish**

+ Create sensitive info type ↻ R

Barbados National ID

Name ↑

Azure Storage Account Key

Azure Storage Account Key (

✓ Barbados National ID

Barbados National Id No

Belgium Driver's License Num

Belgium National Number

Belgium Passport Number

↑ ↓ ✕

🧪 Test   📋 Copy   ✏️ Edit   🗑️ Delete

Description
Barbados National ID

Confidence level
High

Created by
Contoso

Pattern #1

Primary element
Keyword list: Barbados ID Key list

Information protection

Overview   Labels   Label policies   **Auto-labeling**

Create auto-labeling policies to automatically apply sensitivity labels to email messages or OneDrive and SharePoint files that contain sensitive info. To confirm that labels will be applied to the correct items, you'll first run policies in simulation mode so you can review items that will be labeled when the policy is activated. In addition to these policies, you can automatically apply labels to Office client apps by editing the "Auto-labeling" settings for a specific label. Learn more about auto-labeling

+ Create auto-labeling policy   ⟳ Refresh   0 items   🔍 Search

Name	Locations	Label applied	Last modified	Files to be labeled	Files labeled (past 7 d

No data available

Info to label

Name

Locations

Policy rules

Label

Policy mode

Search for specific templates

All countries or regions

ories

Financial

Medical and health

Privacy

Custom

Enhanced

Templates

Custom policy

Custom policy

Create a custom pol
You will choose the
to protect and how
protect it.

Next

Cancel

Auto-labeling > New policy

- ✓ Info to label
- ● **Name**
- ○ Locations
- ○ Policy rules
- ○ Label
- ○ Policy mode

Name *

Barbados Id No policy

Description

Barbados Id No policy

Back   Next

Auto-labeling > New policy

Exchange will automatically apply the label to unlabeled emails, regardless of which device or platform is used to send and receive the email. OneDrive and SharePoint will automatically apply label to unlabeled Office documents.

- ✓ Info to label
- ✓ Name
- ● **Locations**
- ○ Policy rules
- ○ Label
- ○ Policy mode

ⓘ **Tip** Edit the "Auto-labeling" settings for this label to ensure that that it's automatically applied to documents when they' saved and emails when they're sent.

Status	Location	Included	Excluded
On	📧 Exchange	All Choose user or group	None Exclude user or group
On	🔷 SharePoint sites	All Choose sites	None Choose sites
On	☁ OneDrive accounts	All Choose accounts	None Choose accounts

Back   Next   Ca

Auto-labeling > New policy

- ✓ Info to label
- ✓ Name
- ✓ Locations
- **Policy rules**
- ○ Label
- ○ Policy mode

Set up common or advanced rules

Rules are made up of conditions that define what content the label is applied to. Choose common rules to define one set of rules that will apply to all locations you selected or choose advanced rules to define different rules for each location.

- ◉ **Common rules.** Define one set of common rules for all locations.

  > ⓘ Common rules consist of conditions for specifying what sensitive info to detect and whether to apply the label to items shared inside or outside your organization. If you selected Exchange and want access to more email conditions, choose advanced rules.

- ○ **Advanced rules.** Define specific rules for each location.

Back   Next   Cancel

Auto-labeling > New policy

- ✔ Info to label
- ✔ Name
- ✔ Locations
- **Policy rules**
- **Common rules**
- Label

Define rules for content in all locations

We'll automatically apply this label to content that matches the rules and related conditions here. These rules will apply to content in all locations you specified.

+ New rule

0 items

Name	Status

No rules created

Back   Next   Cancel

Name *

Barbados Id policy rule

Description

Barbados Id policy rule

∧ Conditions

We'll apply this policy to content that matches these conditions.

╋ Add condition ∨

Content contains sensitive info types

Content is shared

We won't apply this rule to content that matches any of these exceptions.

╋ Add exception ∨

∧ Conditions

We'll apply this policy to content that matches these conditions.

∧ Content contains sensitive info types

Default

Add ∨

Sensitive info types

\+ Add condition ∨

∧ Exceptions

We won't apply this rule to content that matches any of these exceptions.

1 selected

Name	Publisher
Azure & IS	Microsoft Corporation
Azure Service Bus Connection String	Microsoft Corporation
Azure Storage Account Key	Microsoft Corporation
Azure Storage Account Key (Generic)	Microsoft Corporation
Barbados National ID	Contoso
Barbados National Id No	Contoso
Belgium Driver's License Number	Microsoft Corporation

Add   Cancel

Content contains sensitive info types

| Default | | All of these ∨ | 🗑 |

Sensitive info types

| Barbados National ID | High confidence ∨ ⓘ | Instance count | 1 | to | Any | ⓘ | 🗑 |

Add ∨

Create group

+ Add condition ∨

∧ **Exceptions**

We won't apply this rule to content that matches any of these exceptions.

Save   Cancel

Info to label

Name

Locations

Policy rules

Common rules

Label

Define rules for content in all locations

We'll automatically apply this label to content that matches the rules and related conditions here. These rules will apply to content in all locations you specified.

+ New rule

1 item

Name   Status

∧ Barbados Id policy rule   ⬤ ▬   ✎   🗑

Conditions
Content contains all of these sensitive info types:
    Barbados National ID

Back   Next   Cancel

Auto-labeling > New policy

- Info to label
- Name
- Locations
- Policy rules
- **Label**
- Policy mode

Choose a label to auto-apply

Users will see this label applied to files that match the rules and conditions you chose. Where will this label appear?

Label to auto-apply

+ Choose a label

Back   Next   Cancel

1 selected

Label

Confidential/Anyone (unrestricted)

✓ Confidential/All Employees

Confidential/Trusted People

Highly Confidential/All Employees

Highly Confidential/Specified People

Personally identifiable information

Add

Info to label

Name

Locations

Policy rules

Label

Policy mode

Choose a label to auto-apply

Users will see this label applied to files that match the rules and conditions you chose. Where will this label appear?

Label to auto-apply

Confidential/All Employees

Back   Next   Cancel

Additional settings for email

These settings only apply to email messages.

☑ Automatically replace existing labels that have the same or lower priority

If selected, this label will replace existing labels if their priority is the same or lower than this one, regardless of whether the existing label was applied automatically or manually. Learn about label priority

☐ Apply encryption to email received from outside your organization

The label you selected has encryption settings. When it's applied to messages received from outside your organization, encryption will be applied when you designate a Rights Management owner from your organization. This ensures that someone has permissions to remove the encryption if needed. Learn about the Rights Management owner

Navigation steps (sidebar):

- ✓ Info to label
- ✓ Name
- ✓ Locations
- ✓ Policy rules
- **Label**
- **Additional email settings**

Back   Next   Cancel

- Info to label
- Name
- Locations
- Policy rules
- Label
- **Policy mode**

Decide if you want to test out the policy now or later

To help you determine whether the label will be applied to the correct items, you'll need to run the policy in simulation mode before turning it on. You can do this right away or wait until later.

🔘 **Run policy in simulation mode**
We'll gather items that match the policy but labels won't be applied yet. It's highly recommended that you review these items to decide whether the policy needs to be refined or if it's ready to be turned on.

⚪ **Leave policy turned off**
Your settings will be saved, but the policy will be inactive until you run it in simulation mode and then turn it on.

Back   Next   Cancel

Policy name

Barbados Id No policy

Edit

Description

Barbados Id No policy

Edit

Label

General/Anyone (unrestricted)

Edit

Info to label

Barbados National ID

Name

Locations

Label

Policy mode

Finish

Create

Error

×

Please make sure audit log search is turned on.

📋 Copy diagnostic information

OK

Audit

Search   Audit retention policies

Start recording user and admin activity

Date and time range *

Start   Thu Feb... 📅   00:00 ⌄

End   Thu Ma... 📅   00:00 ⌄
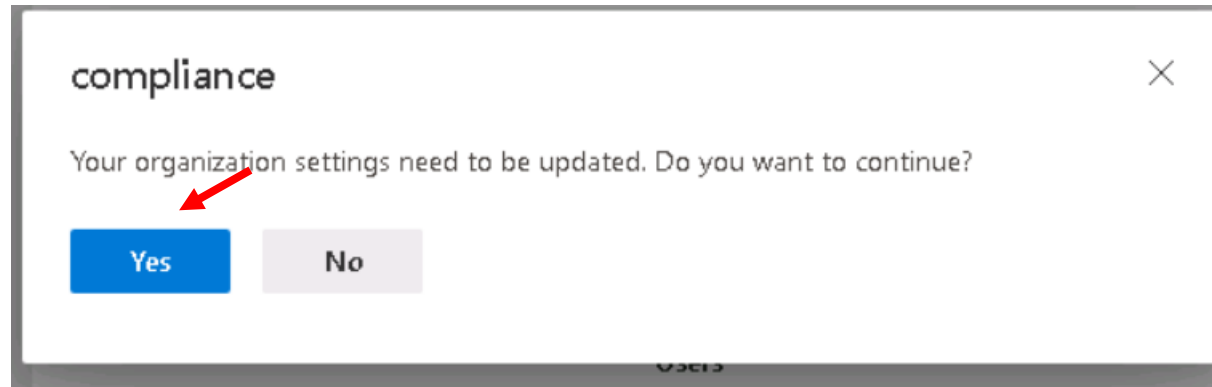
Activities

Show results for all activities ⌄

Users

Search

Search   Clear all

File, folder, or site ⓘ

Add all or part of a file name, folde...

compliance

Your organization settings need to be updated. Do you want to continue?

Yes No

Users

Security & Compliance

Please wait a moment while we update your organization settings...

Auto-labeling > New policy

- Info to label
- Name
- Locations
- Policy rules
- Label
- Policy mode

✅ Your auto-labeling policy was created

We're running the policy in simulation mode to detect items that match the policy's conditions.

Next steps
Check the policy simulation overview in a few hours to review results. You will get an email notification when simulation completes.

Learn more
Learn about auto-labeling policy simulation

Done

Trials

Solutions

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Audit

Content search

Communication compliance

Data loss prevention

eDiscovery

Information governance

Information protection

Information Barriers

Information protection

✂️ Remove from navigation

Overview   Labels   Label policies   **Auto-labeling**

Create auto-labeling policies to automatically apply sensitivity labels to email messages or OneDrive and SharePoint files that contain sensitive info. To confirm that labels will be applied to the correct items, you'll first run policies in simulation mode so you can review items that will be labeled when the policy is activated. In addition to these policies, you can automatically apply labels to Office client apps by editing the "Auto-labeling" settings for a specific label. Learn more about auto-labeling

+ Create auto-labeling policy   🔄 Refresh   1 of 1 selected   🔍 Search

	Name	Locations	Label applied	Last modified	Files to be labeled	Files labeled (past
⌄	**Simulation (1)**					
✅	**Barbados Id No ...**	Exchange, SharePoi...	General/Anyone (u...	Mar 1, 2022 5:37 PM		

Barbados Id No policy