

How to build an Entra-ordinary Security Monitoring

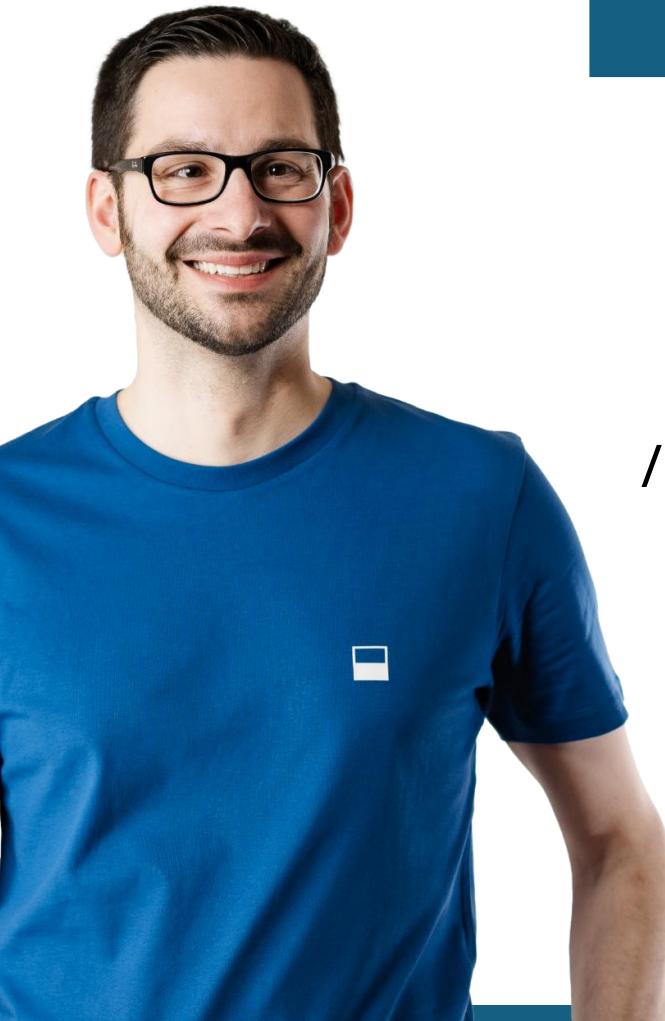
Copilot included! Christopher Brumm, Thomas Naunheim



Workplace Ninja
Summit 2025



About us...



Thomas Naunheim

old

Koblenz, Germany

left-handed

@thomas_live

/in/thomasnaunheim

cloud-architekt.net



@cbrhh



/in/christopherbrumm



chris-brumm.com

Chris Brumm

very old

Hamburg, Germany

right-handed



@cbrhh



working at glueckkanja AG
as Cyber Security Architect

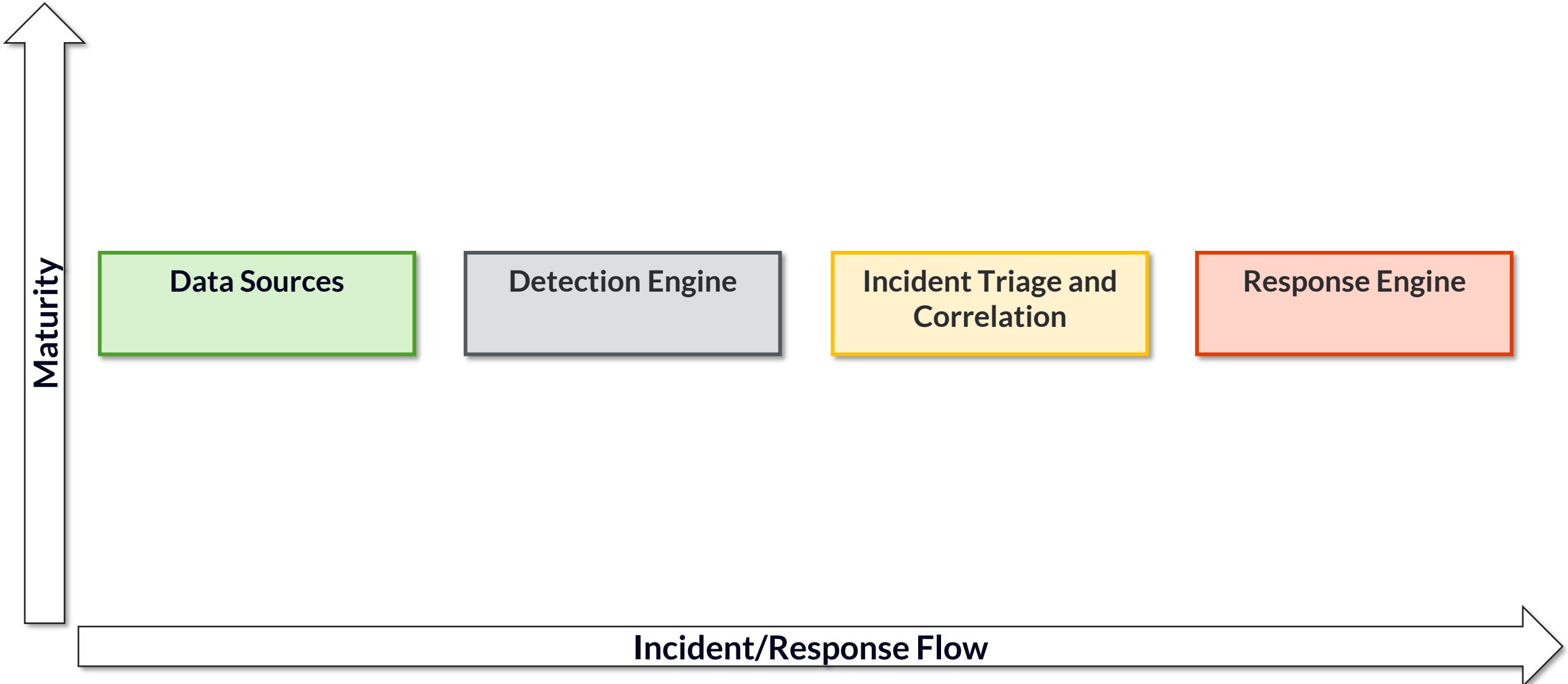
Microsoft Identity & Access MVPs

(punk-rock) music 🤘 and good wine 🍷



Detection Engineering Landscape

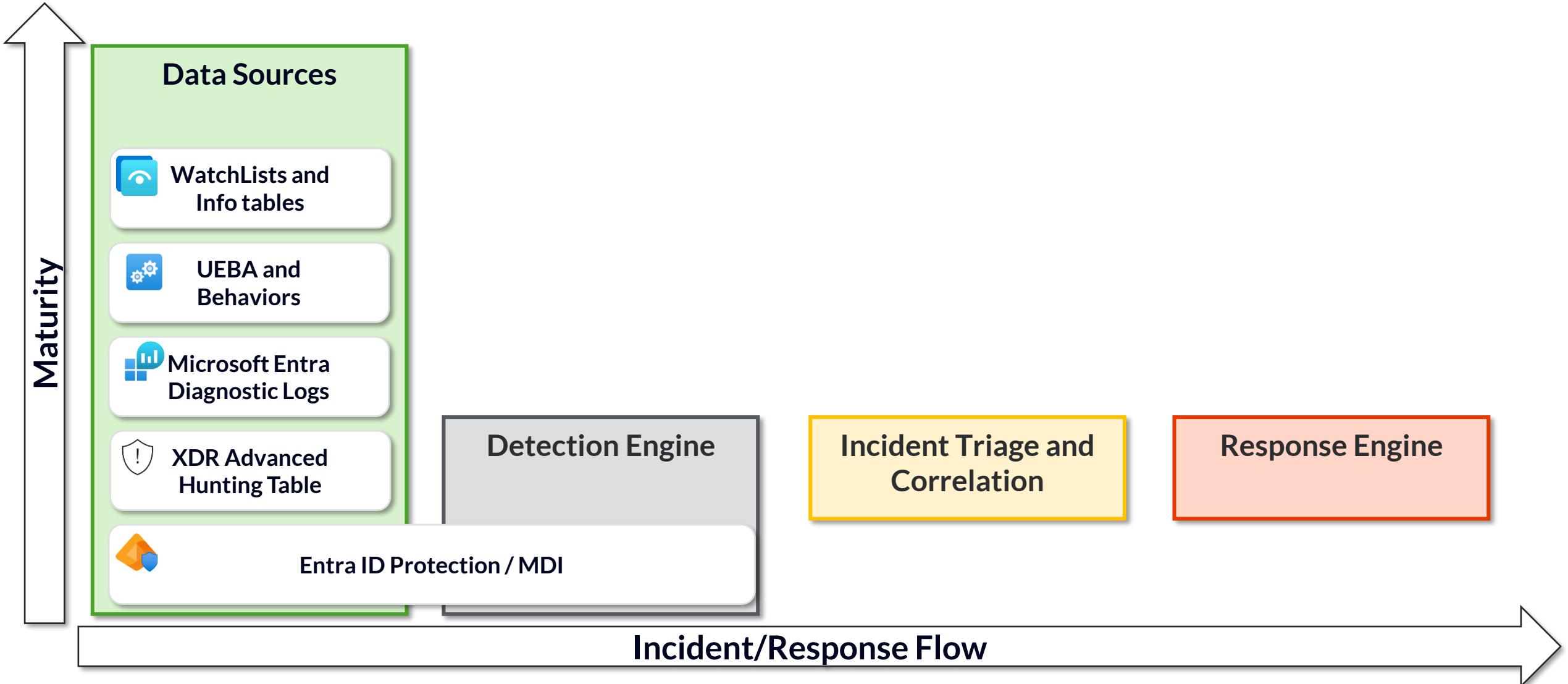
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Detection Engineering Landscape

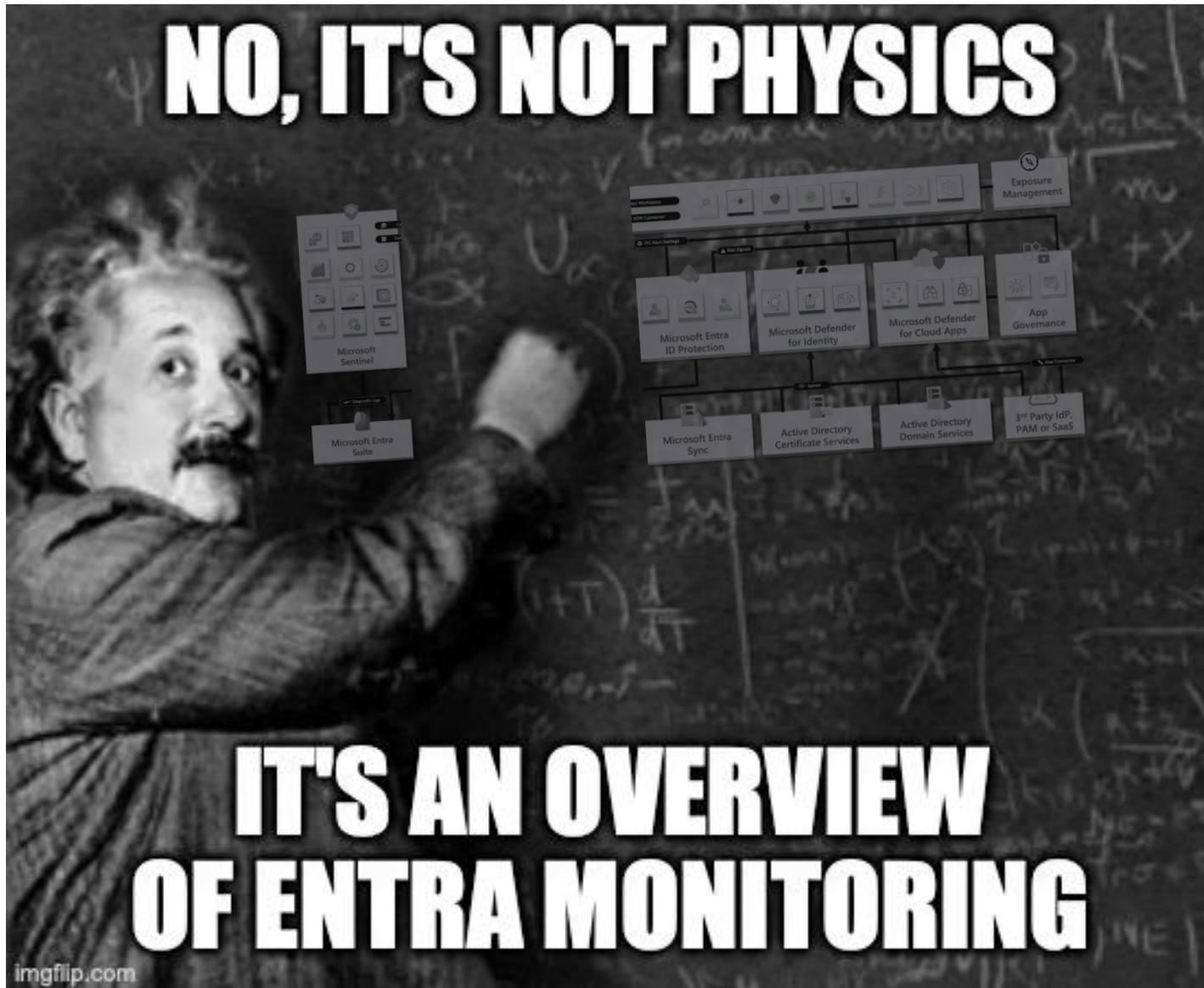
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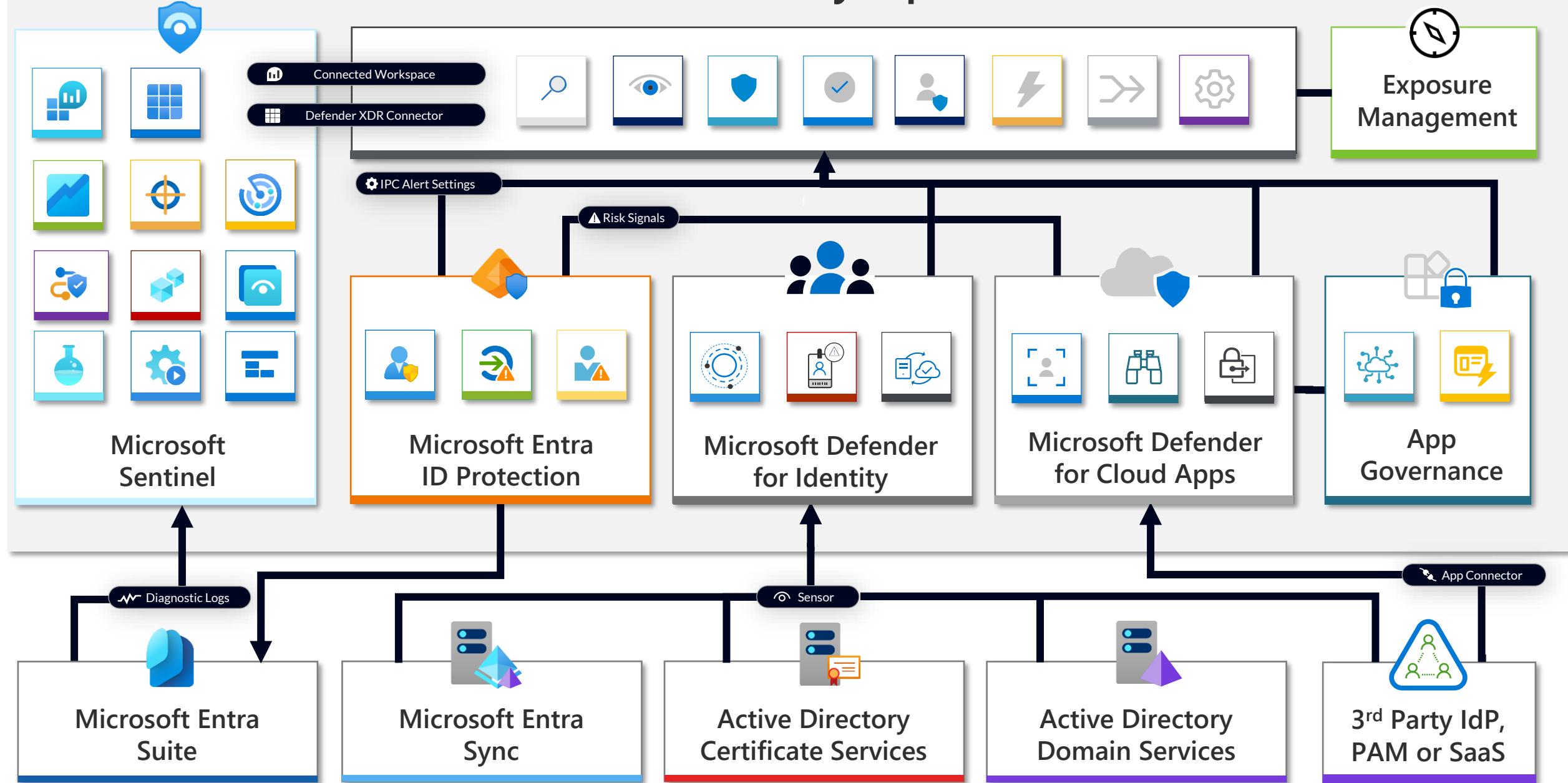


USOP + X = Entra-ordinary SecOps?

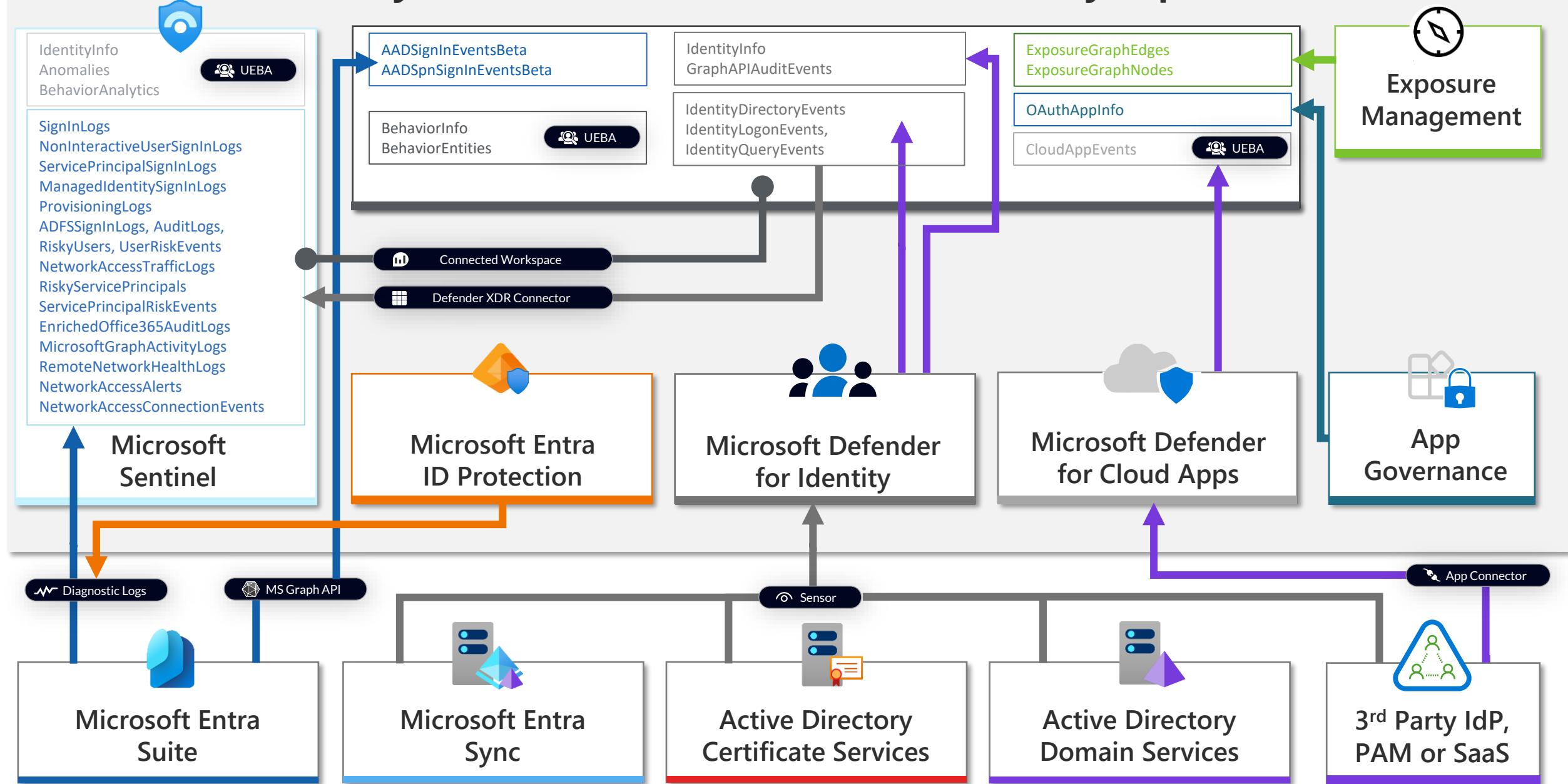
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Microsoft Unified Security Operations Platform



Identity Data Sources in Unified Security Operations





Which data source for sign-ins?

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- **SignInLogs and AADNonInteractiveUserSignInLogs:** Sign-in data from Diagnostic Logs

▶ Run Time range: Last 24 hours Show: 1000 results

```
1 union isfuzzy=true SignInLogs, AADNonInteractiveUserSignInLogs
2 | extend ConditionalAccessPolicies = coalesce(todynamic(ConditionalAccessPolicies_string)
3 | extend Status = coalesce(todynamic(Status_string), Status_dynamic)
4 | extend MfaDetail = coalesce(todynamic(MfaDetail_string), MfaDetail_dynamic)
5 | extend DeviceDetail = coalesce(todynamic(DeviceDetail_string), DeviceDetail_dynamic)
6 | extend LocationDetails = coalesce(todynamic(LocationDetails_string), LocationDetails_dynamic)
7 | extend TokenProtectionStatusDetails = coalesce(todynamic(TokenProtectionStatusDetails))
8 // Remove duplicated columns
9 | project-away *_dynamic, *_string
```

Results	Chart	Add bookmark
<input type="checkbox"/> AppDisplayName ↑↓	ResourceDisplayName	Category
<input type="checkbox"/> > Azure Portal	Azure Resource Manager	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Portal	Azure Portal	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Portal	ADlbiaUX	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Portal	Microsoft Graph	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	ComplianceAuthServer	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	Microsoft Graph	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	Security Copilot API	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	ComplianceAuthServer	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	Microsoft Graph	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Azure Purview	Azure Purview	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Device Management Client	Microsoft Device Management ...	NonInteractiveUserSignInLogs
<input type="checkbox"/> > Device Management Client	Microsoft Device Management ...	NonInteractiveUserSignInLogs

```
1 imAuthentication()
2 | where TimeGenerated > ago(7d)
3 | distinct Application, Dst, Type, EventResult
```

Results	Chart	Add bookmark	
<input type="checkbox"/> Application ↑↓	Dst	Type	EventResult
<input type="checkbox"/> >		AADNonInteractiveUserSignInLogs	Failure
<input type="checkbox"/> > Attestation Service	Attestation Service	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Azure Key Vault	Azure Key Vault	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Azure Monitor Control Service	Azure Monitor Control Service	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Azure Monitor Control Service	Azure Monitor Control Service	AADServicePrincipalSignInLogs	Success
<input type="checkbox"/> > Azure Resource Manager	Azure Resource Manager	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Azure Resource Manager	Azure Resource Manager	AADServicePrincipalSignInLogs	Success
<input type="checkbox"/> > Azure Storage	Azure Storage	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Microsoft Entra AD Synchronization ...	Microsoft Entra AD Synchroniza...	AADServicePrincipalSignInLogs	Success
<input type="checkbox"/> > Microsoft Graph	Microsoft Graph	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Microsoft Graph	Microsoft Graph	AADServicePrincipalSignInLogs	Success
<input type="checkbox"/> > Microsoft Intune API	Microsoft Intune API	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Microsoft.EventHubs	Microsoft.EventHubs	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > SCEPman-api	SCEPman-api	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > Verifiable Credentials Service Request	Verifiable Credentials Service ...	AADManagedIdentitySignInLogs	Success
<input type="checkbox"/> > WindowsDefenderATP	WindowsDefenderATP	AADManagedIdentitySignInLogs	Success



Which data source for sign-ins?

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- **IdentityLogonEvents:** Sign-in data from MDA App Connectors and MDI

^ **Query**

```
1 IdentityLogonEvents
2 | where TimeGenerated >ago(365d)
3 | distinct Type, Application, ActionType, LogonType
4 | summarize ActionTypes = array_sort_asc(make_set(ActionType)), LogonTypes = array_sort_asc(make_set(LogonType)) by Application
```

Getting started Results

Export Show

Filters: Add filter

Application

Microsoft 365

Microsoft Azure

Active Directo

App Connectors

App connectors provide you with greater visibility and control over your cloud apps.

Basic filter

Filters: App: Any App category: Any Connected by: Any

+ Connect an app

App	Category	Status	Was connected on
<input type="checkbox"/> Microsoft 365	Collaboration	Connected	Mar 31, 2021 1:20 PM
<input type="checkbox"/> Microsoft Azure	Cloud computing platform	Connected	Sep 14, 2020 6:37 PM



Which data source for sign-ins?

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- **AADSignInEventsBeta:** Limited set of data from Microsoft Graph API

Run query Last 3 hours Save Share link

Query

```
1 AADSignInEventsBeta
2 | distinct Application, ResourceDisplayName, LogonType, EndpointCall, ErrorCode
```

Getting started Results Query history

Export Show empty columns 97 items Search 00:01.691 Low

<input type="checkbox"/> Application ↑	ResourceDisplayName	LogonType	EndpointCall	ErrorCode
<input type="checkbox"/> > Azure Portal	Azure Portal	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Azure Portal	Azure Resource Manager	["interactiveUser"]	Login:login	50140
<input type="checkbox"/> > Azure Portal	Azure Resource Manager	["interactiveUser"]	OAuth2:Authorize	0
<input type="checkbox"/> > Azure Portal	ADIbizaUX	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Azure Portal	Azure Resource Manager	["interactiveUser"]	Kmsi:kmsi	0
<input type="checkbox"/> > Azure Purview	Security Copilot API	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Azure Purview	Azure Purview	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Azure Purview	ComplianceAuthServer	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Azure Purview	Microsoft Graph	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > M365 Admin Services	M365 Commerce Mana...	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > M365 Admin Services	ecvl-assets-aad	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Microsoft 365 App Catalo...	Olympus	["nonInteractiveUser"]	OAuth2:Token	0
<input type="checkbox"/> > Microsoft 365 Security an...	Microsoft Office 365 Por...	["nonInteractiveUser"]	OAuth2:Token	0



Selection of data source for detections

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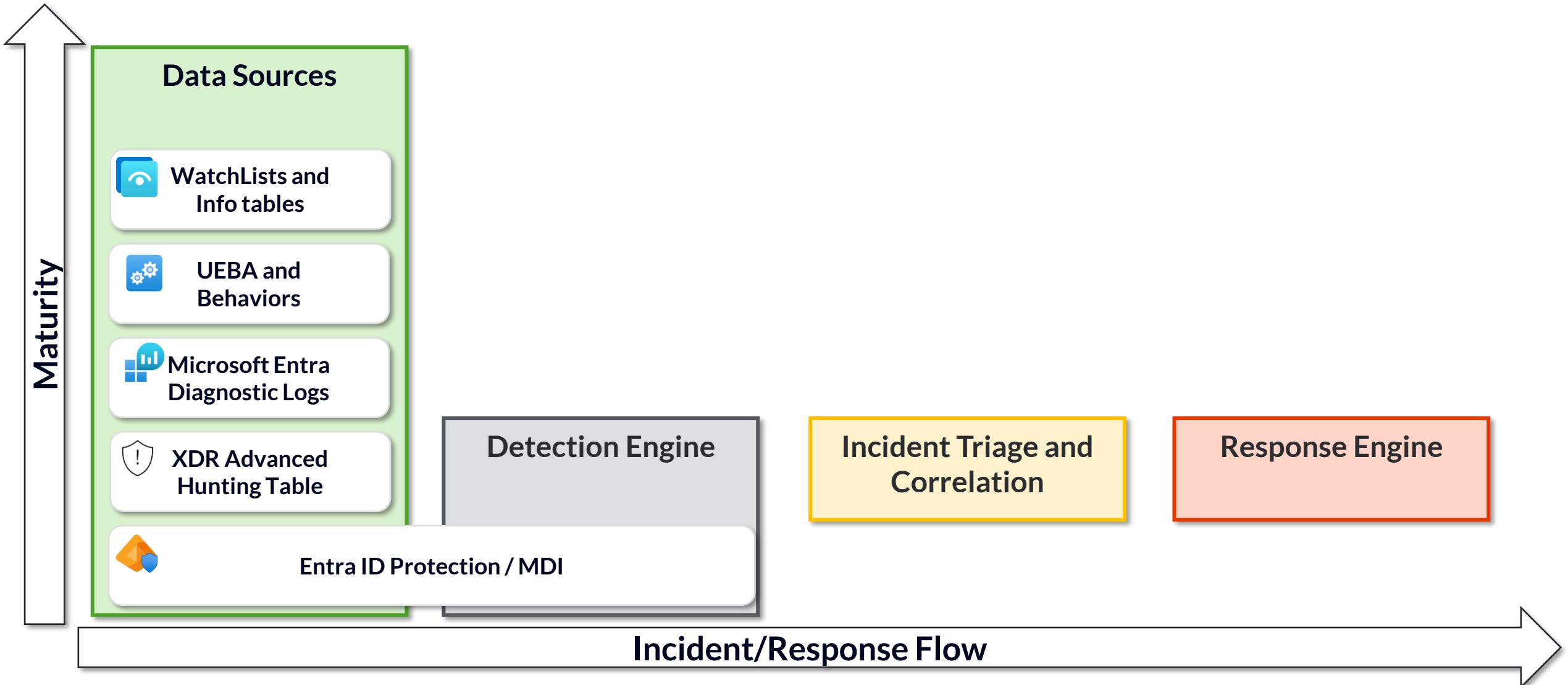
Choose right data source and detection engine

- ✓ All required information and details are available?
- ✓ How much latency between event time and ingestion?
- ✓ Which licenses are required?
- ✓ Which pricing model for data ingestion?
- ✓ How long is the retention time for log entries?
- ✓ Can I use NRT or custom enrichment?
- ✓ Lookback and interval options?
- ✓ What are the option for automated response?



Detection Engineering Landscape

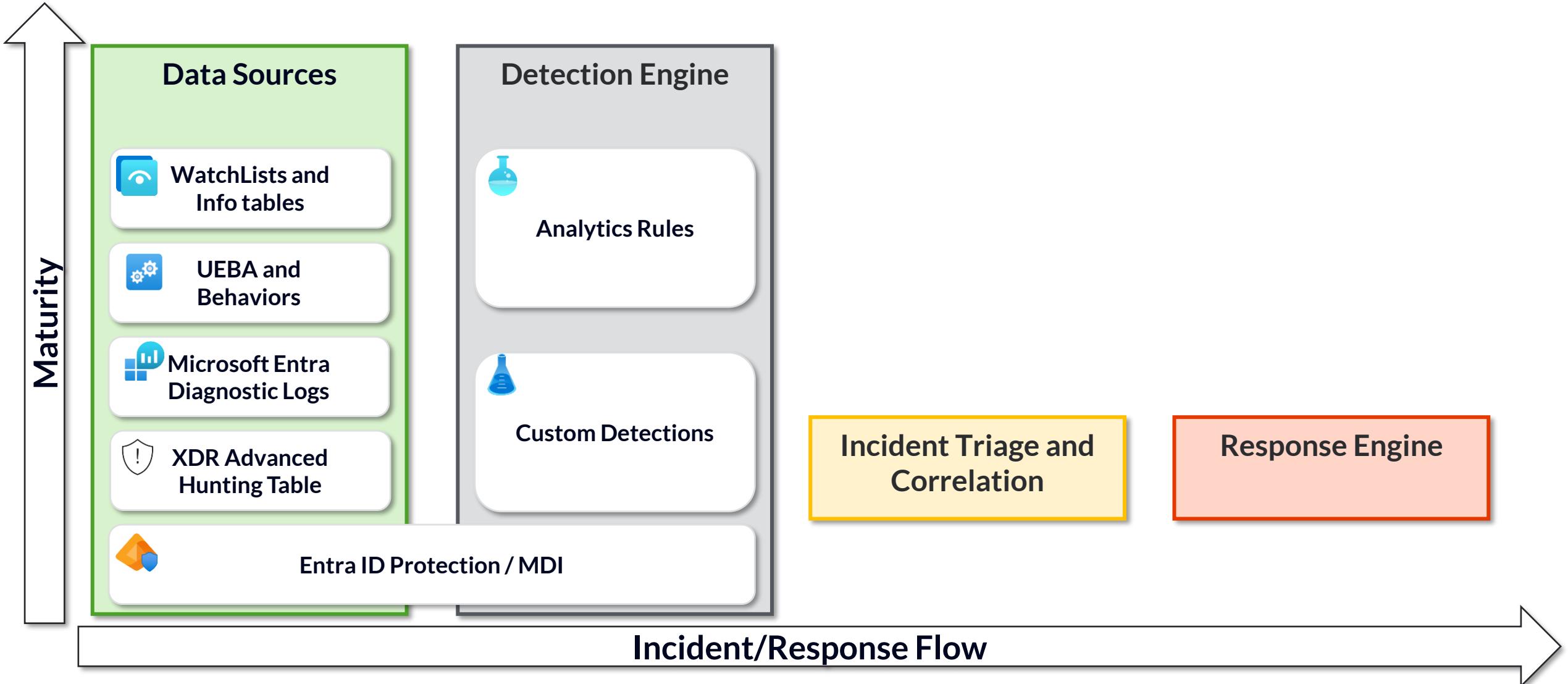
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Detection Engineering Landscape

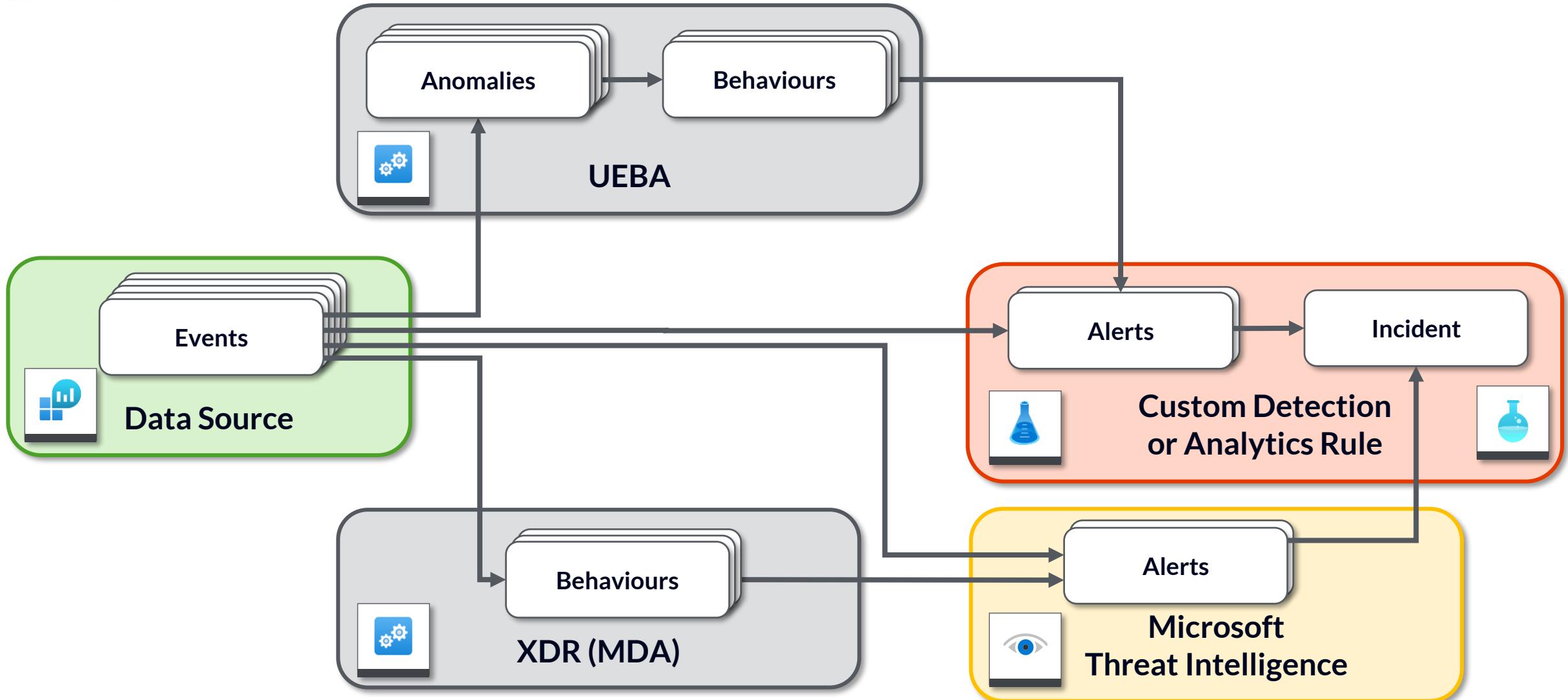
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Mysterious ways of incident creation

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Behaviors in Defender XDR

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MDA App Policy

- Activity from infrequent country [Disabled]
This policy profiles your environment and triggers alerts when activity is detecte...
- Multiple failed login attempts [Disabled]
This policy profiles your environment and triggers alerts when users perform mul...
- Multiple VM creation activities [Disabled]
This policy profiles your environment and triggers alerts when users perform mul...
- Multiple Power BI report sharing activities [Disabled]
This policy profiles your environment and triggers alerts when users perform mul...
- Impossible travel [Disabled]
This policy profiles your environment and triggers alerts when activities are detec...

Detection

- Suspicious Azure activities related to crypto. mining
- New external user account created by risky user
- Azure AD app registration by risky user
- Risky user created global admin
- Access elevation by risky user
- Risky user added permissions over other mailboxes
- Suspicious role assignment by a risky user
- Unusual activities by AAD Connect sync account

Not meet standard for alerts
useful in providing context
during an investigation.

Transition to Behaviors
and combined detections

Combine Entra ID
Protection Alerts + SaaS
App Data



Demo: UEBA vs. Behaviors

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Capabilities by UEBA and Behaviors table in XDR





Anatomy of an Analytics Rule

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Id, name, description, Version , Tags, metadata

Infos

requiredDataConnectors
(connectorId, dataTypes)

Dependencies

severity

tactics
relevantTechniques

entityMappings,
customDetails

Alert Attributes

Query
triggerOperator
triggerThreshold

queryFrequency
queryPeriod
kind

Detection

createIncident
reopenClosedIncident

suppressionEnabled

Alert/Incident Creation

enabled
lookbackDuration
matchingMethod
groupByEntities
groupByAlertDetails
groupByCustomDetails

Event/Alert Grouping



Anatomy of a Custom Detection

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alertDescription,
alertRecommendedAction, guid,
ruleName

Infos

N/A

Dependencies

alertSeverity
alertCategory
mitreTechniques
impactedEntities,
customDetails

Alert Attributes

queryText
frequency

Detection

isEnabled
alertTitle

Alert/Incident
Creation

N/A

Event/Alert
Grouping



Demo: ...

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Examples of noisy (default)
analytic rule templates
from Content Hub and how
to optimize them



Copilot included



File Edit Selection View Go Run Terminal Help

Original-MFASpammingfollowedbySuccessfullogin.yaml Modified-MS-ANR-MFASpammingfollowedbySuccessfullogin.yaml

```
C > Users > ChristopherBrumm > OneDrive - glueckjanja > Dokumente > ppt > Community > demo > ! Modified-MS-ANR-MFASpammingfollowedbySuccessfullogin.yaml
1 id: a8cc6d5c-4e7e-4b48-b4ac-d8a116c62a8b
2 name: MFA Spamming followed by Successful login
3 description: |
4   'Identifies MFA Spamming followed by Successful logins and by a successful authentication within a given time window.
5   GK: Eliminated duplicate counts for FailedAttempts, Fixed TimeWindow, Reduced Thresholds, Frequency and Severity, added grouping'
6 severity: Medium
7 requiredDataConnectors:
8   - connectorId: AzureActiveDirectory
9   dataTypes:
10    - SigninLogs
11   queryFrequency: 1h
12   queryPeriod: 1h
13   triggerOperator: gt
14   triggerThreshold: 0
15   status: Available
16   tactics:
17     - CredentialAccess
18   relevantTechniques:
19     - T1110
20   query: |
21     SigninLogs
22     // Filter on known devices and networks
23     | where isempty(DeviceDetail.deviceId)
24     | where NetworkLocationDetails !has "trustedNamedLocation"
25     // Filter for records with AuthenticationRequirement set to multiFactorAuthentication
26     | where AuthenticationRequirement == "multiFactorAuthentication"
27     // Expand multi-value property AuthenticationDetails into separate records
28     | mv-expand todynamic(AuthenticationDetails)
29     // Parse AuthResult from JSON in AuthenticationDetails and convert to string
30     | extend AuthResult = AuthenticationDetails.authenticationStepResultDetail
31     | extend StepTime = tostring(AuthenticationDetails.authenticationStepDateTime)
32     // Summarize data by aggregating statistics for each user and a 10 Minute slot
33     | summarize
34       FailedAttempts = dcountif(StepTime, (AuthResult has "MFA denied; user declined the authentication" or AuthResult has "MFA successfully completed"))
35       SuccessfulAttempts = dcountif(StepTime, (AuthResult has "MFA successfully completed"))
36       InvolvedOS = make_set(DeviceDetail.operatingSystem, 5),
37       InvolvedBrowser = make_set(DeviceDetail.browser, 5),
38       IPAddresses = make_set(IPAddress, 20),
39       Cities = make_set(LocationDetails.city, 5),
40       SessionIDs = make_set(SessionId, 20)
41       by UserPrincipalName, bin(TimeGenerated,10m)
42     // Filter for records with more than 9 failed attempts in a 10-minute window and at least 1 successful attempt
43     | where FailedAttempts > 9 and SuccessfulAttempts >= 1
44     // Extract user's name and UPN suffix using split function
45     | extend
46       Name = tostring(split(UserPrincipalName, '@', 0)[0]),
47       UPNSuffix = tostring(split(UserPrincipalName, '@', 1)[0])
48   customDetails:
49     FailedAttempts: FailedAttempts
50     SuccessfulAttempts: SuccessfulAttempts
51     Cities: Cities
52   entityMappings:
53     - entityType: Account
54       fieldMappings:
55         - identifier: FullName
56         columnName: UserPrincipalName
57         - identifier: Name
58         columnName: Name
59         - identifier: UPNSuffix
60         columnName: UPNSuffix
61     - entityType: IP
62       fieldMappings:
63         - identifier: Address
64         columnName: IPAddresses
65   incidentConfiguration:
66     createIncident: true
67     groupingConfiguration:
68       enabled: true
69       reopenClosedIncident: false
70       lookbackDuration: 5m
```

! Modified-MS-ANR-MFASpammingfollowedbySuccessfullogin.yaml

```
C > Users > ChristopherBrumm > OneDrive - glueckjanja > Dokumente > ppt > Community > demo > ! Modified-MS-ANR-MFASpammingfollowedbySuccessfullogin.yaml
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49     FailedAttempts: FailedAttempts
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51     Cities: Cities
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53     - entityType: Account
54       fieldMappings:
55         - identifier: FullName
56         columnName: UserPrincipalName
57         - identifier: Name
58         columnName: Name
59         - identifier: UPNSuffix
60         columnName: UPNSuffix
61     - entityType: IP
62       fieldMappings:
63         - identifier: Address
64         columnName: IPAddresses
65   incidentConfiguration:
66     createIncident: true
67     groupingConfiguration:
68       enabled: true
69       reopenClosedIncident: false
70       lookbackDuration: 5m
```

ORIGINAL **MODIFIED**

Ln 1, Col 1 Spaces: 2 UTF-8 CRLF () YAML



Example: MFASpammingfollowedbySuccessfullogin.yaml

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Prompt:

Please summarize the difference of both files as a table. Focus on what is used for summarize and the Failed/Success Counts in the query and include also the Incident and Event Grouping and Entities, CustomDetails, frequency and severity

Summary:

The modified version improves deduplication of attempts, uses a longer time window, lowers thresholds, adds incident/event grouping, includes custom details, and reduces frequency and severity. It also changes entity mapping for IPs to a set and adds grouping by Account for incidents.

Aspect	Original	Modified
Summarize Logic	Aggregates by <code>UserPrincipalName</code> , <code>IPAddress</code> , <code>State</code> , <code>City</code> , <code>Region</code> and computes min/max times for window.	Aggregates by <code>UserPrincipalName</code> and 10-minute time bins. Collects sets of OS, browser, IPs, cities, session IDs.
Failed Count	<code>FailedAttempts = countif(AuthResult == "...")</code> (simple count of failed MFA attempts)	<code>FailedAttempts = dcountif(StepTime, ...)</code> (distinct count of failed MFA attempts by step time)
Success Count	<code>SuccessfulAttempts = countif(AuthResult == "...")</code> (simple count of successful MFA)	<code>SuccessfulAttempts = dcountif(StepTime, ...)</code> (distinct count of successful MFA by step time)
Thresholds	<code>FailedAttempts > 10</code> in <code><= 5m</code> window, <code>SuccessfulAttempts >= 1</code>	<code>FailedAttempts > 9</code> in <code>10m</code> window, <code>SuccessfulAttempts >= 1</code>
Frequency/Period	<code>queryFrequency: 1d</code> , <code>queryPeriod: 1d</code>	<code>queryFrequency: 1h</code> , <code>queryPeriod: 1h</code>
Severity	High	Medium
Incident Grouping	Not present	Present: Groups by Account, 5m lookback, no reopen, selected matching
Event Grouping	Not present	<code>aggregationKind: AlertPerResult</code>
Entities	Account (FullName, Name, UPNSuffix), IP (Address)	Account (FullName, Name, UPNSuffix), IP (IPAddresses)
Custom Details	Not present	FailedAttempts, SuccessfulAttempts, Cities



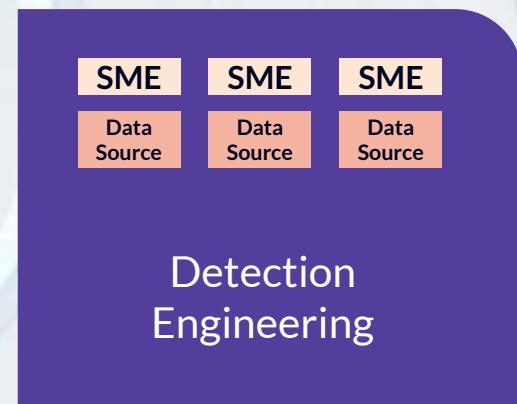
Building Detections is easy!

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ATT&CK®

Threat Intelligence Research
Field Experience
Purple Teaming

New Rules



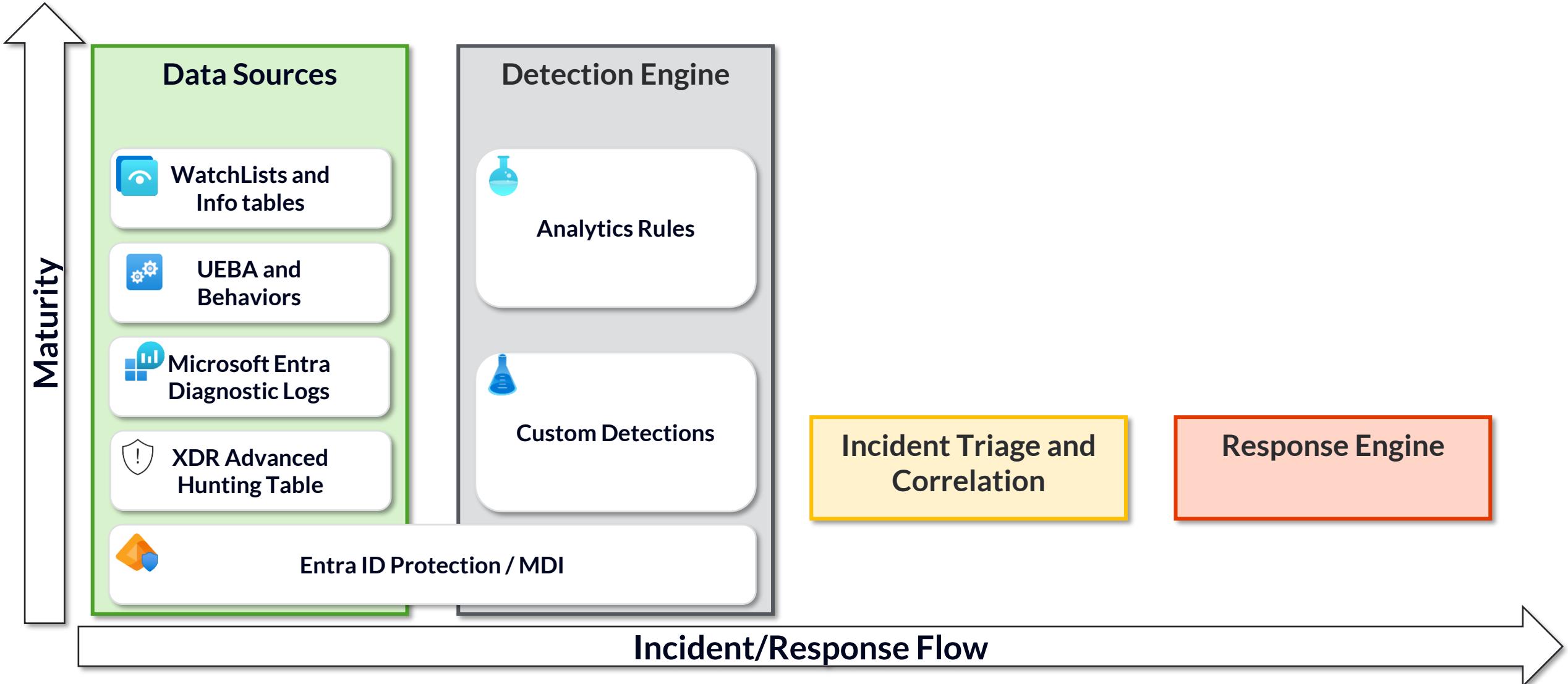
Test / PoC





Detection Engineering Landscape

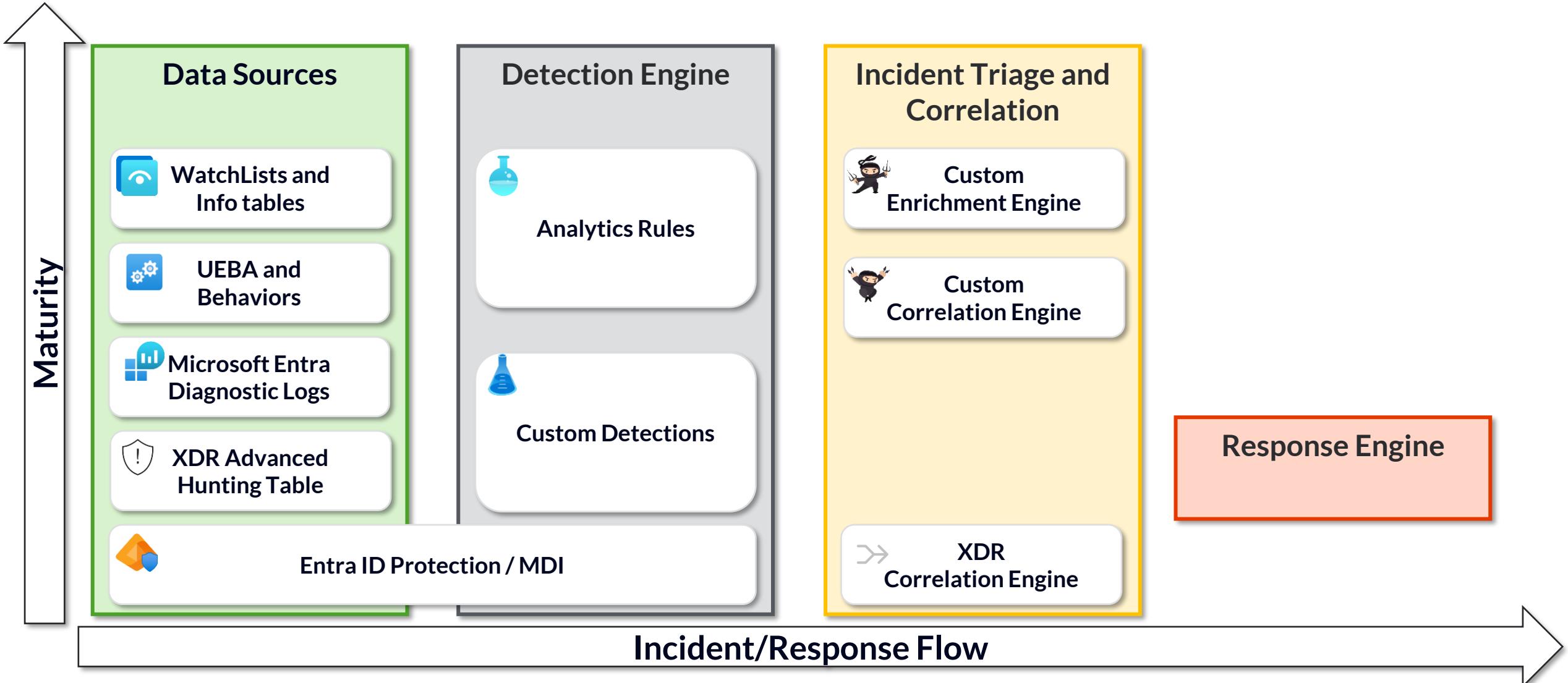
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Detection Engineering Landscape

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Microsoft Sentinel Fusion

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Dashboard > Microsoft Sentinel | Incidents >

Preview: Possible multistage attack activities detected by Fusion

Incident number 4518

Refresh

Delete incident

Logs

Timeline

Activity log

High Severity

New Status

Unassigned Owner

Overview Entities

Workspace name

lab-la-4d3e5b65-8a52-4521-91ed-6020f00136c1

Description

This Fusion incident triggered by our machine learning model correlates anomalous signals and suspicious activities that are potentially associated with multistage attacks on User: thomas@cloud-architekt.net. We recommend that you investigate all alerts and/or anomalies included in this incident to understand the full chain of attack and take immediate actions to remediate. Some alerts in this Fusion incident are converted from anomalies. You can view details in the Anomalies table using the following query:

[View anomalies in Log Analytics](#)

For more information about this detection, please visit <https://aka.ms/SentinelFusion>

Other Examples for Credential harvesting scenarios

- Impossible travel to atypical locations leading to malicious credential theft tool execution

Sign-in event from an unfamiliar location leading to malicious credential theft tool execution

Sign-in event from an anonymous IP address leading to malicious credential theft tool execution

Sign-in event from user with leaked credentials leading to malicious credential theft tool execution

Incident timeline

Add filter

Nov 14 10:06:21

Mail.Read Permissions Grant...

Me... | Detected by Micro... | Ta...

...

Nov 14 07:42:56

Anomalous Azure operations

Infor... | Detected by Micro... | Ta...

...

Nov 12 11:45:28

Changes to Application Owner...

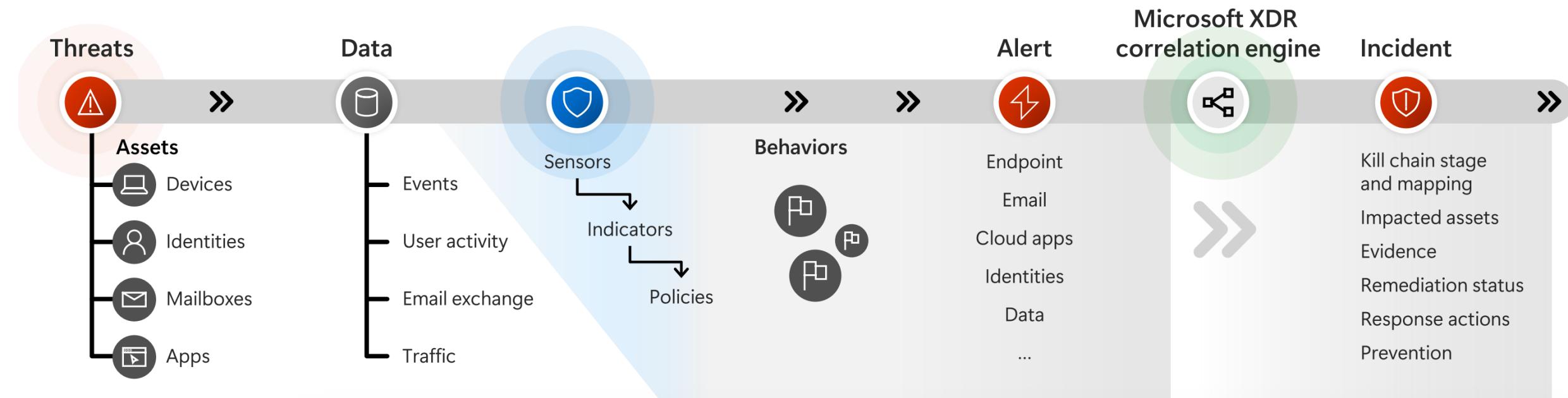
M... | Detected by Mi... | Ta...

...



XDR Correlation Engine

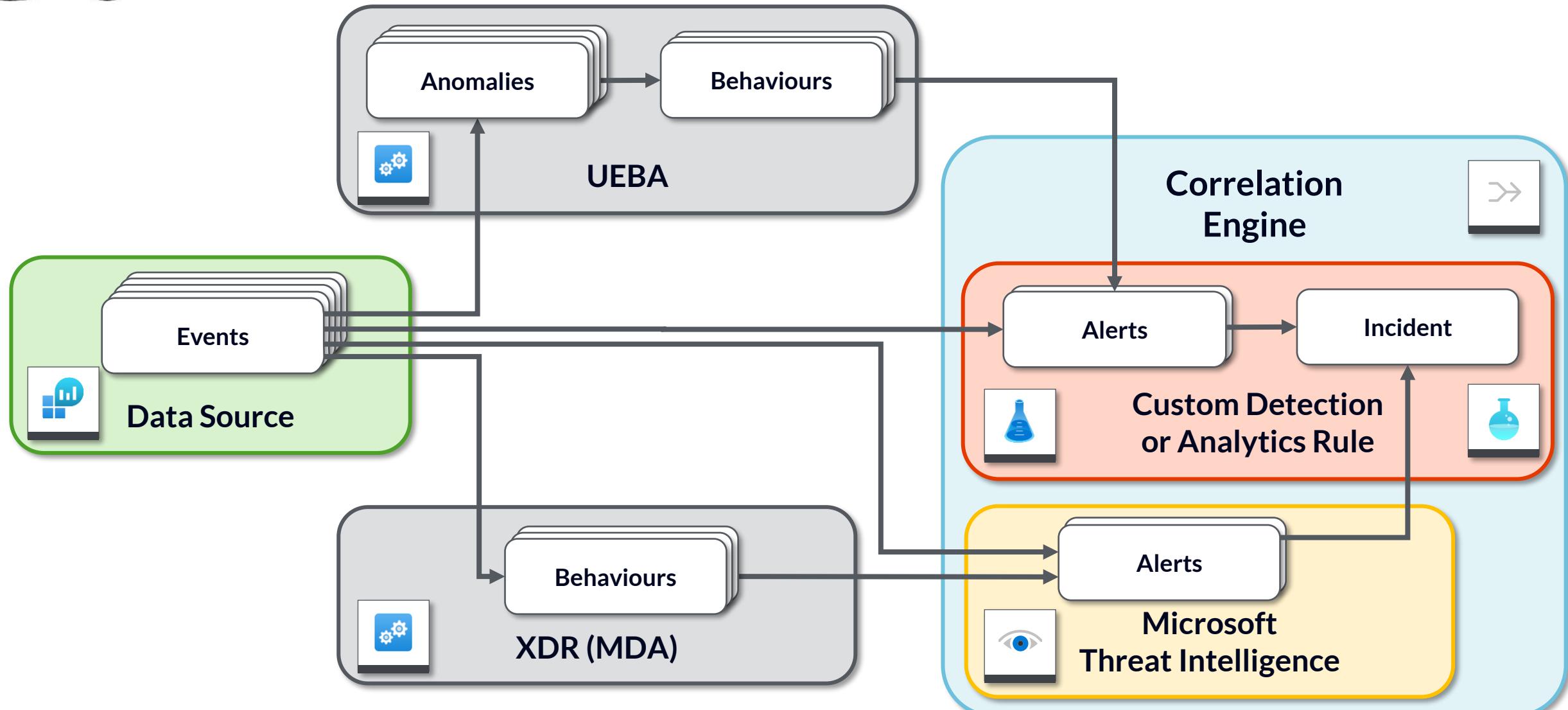
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Levels

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Improve focus on incidents

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Attack story Recommended actions (38)

Alerts (10) Assets (15) Investigations (2) Evidence and Response (19)

Summary Similar incidents

Alerts

0/10 Active alerts Unpin all Show all

Oct 24, 2023 6:47 PM Resolved Suspicious URL clicked

parkcity-win11h.parkcity.alpineskihouse.co biancap

Oct 24, 2023 6:50 PM Resolved A potentially malicious URL click was detected

Bianca Pisani Bianca Pisani

Oct 24, 2023 7:21 PM Resolved Azure Resource Manager operation from suspicious proxy IP address

4 Cloud Resources

Oct 24, 2023 7:21 PM Resolved Access from a TOR exit node to a key vault

2 Cloud Resources

Oct 24, 2023 11:58 PM Resolved Malicious IP address

Backup Admin (parkcity)

Oct 25, 2023 12:03 AM Resolved Activity from a Tor IP address

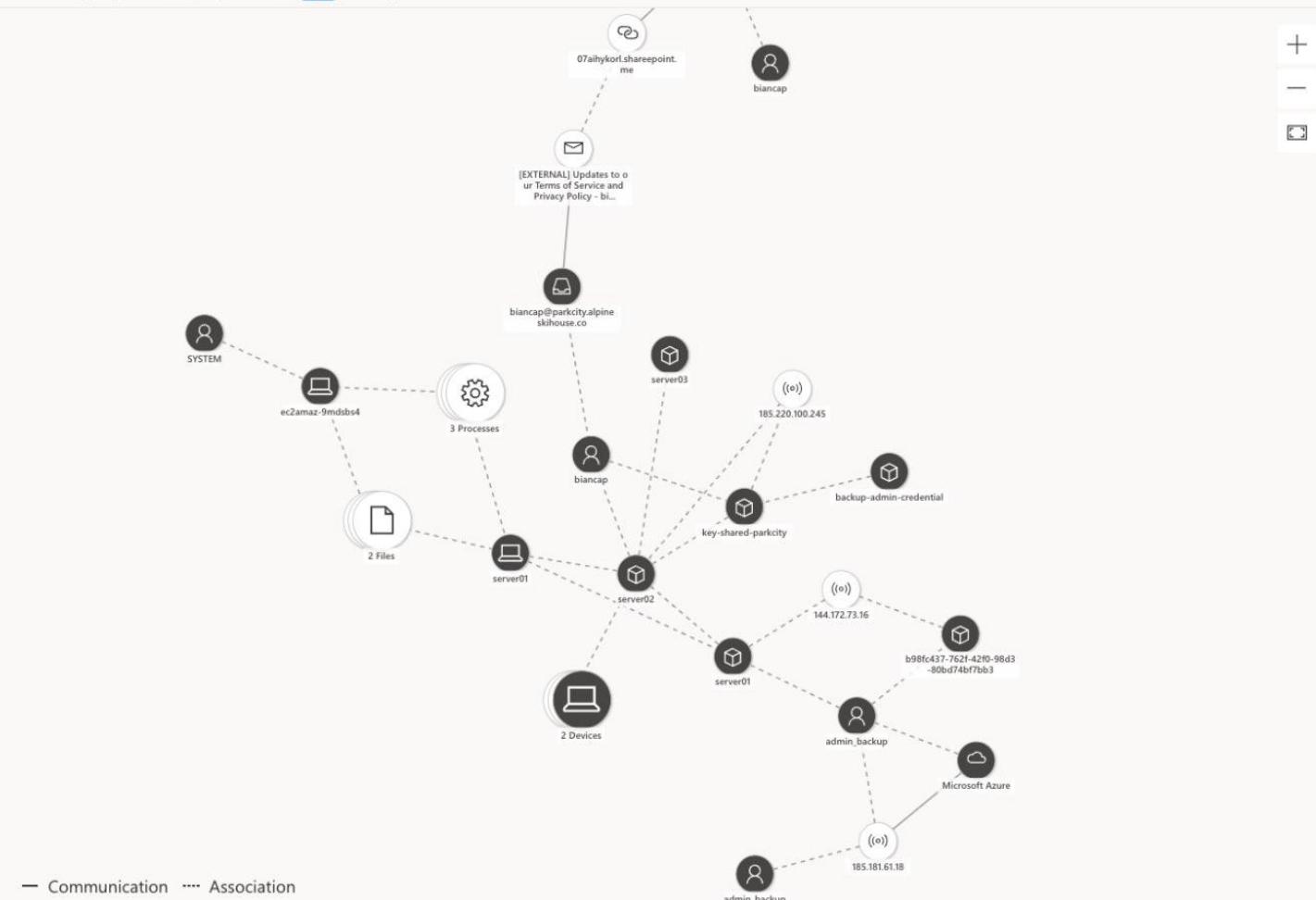
Backup Admin (Parkcity)

Oct 25, 2023 12:19 AM Resolved Suspicious elevate access operation (Preview)

b98fc437-762f-42f0-98d3-80bd74bf7bb3

Oct 25, 2023 12:24 AM Resolved Azure Resource Manager operation

Incident graph Layout Group similar nodes



— Communication ---- Association

Multi-stage incident involving Initial access & Credential access including Ransomware on multiple endpoints reported by multiple sources

High Resolved

Ransomware Credential Phish 20231025 +1

Manage incident

RECOMMENDATIONS

Phishing Incident response playbook

View phishing investigation and response recommended steps for this incident

Open phishing playbook

RECOMMENDATIONS

Ransomware Incident response playbook

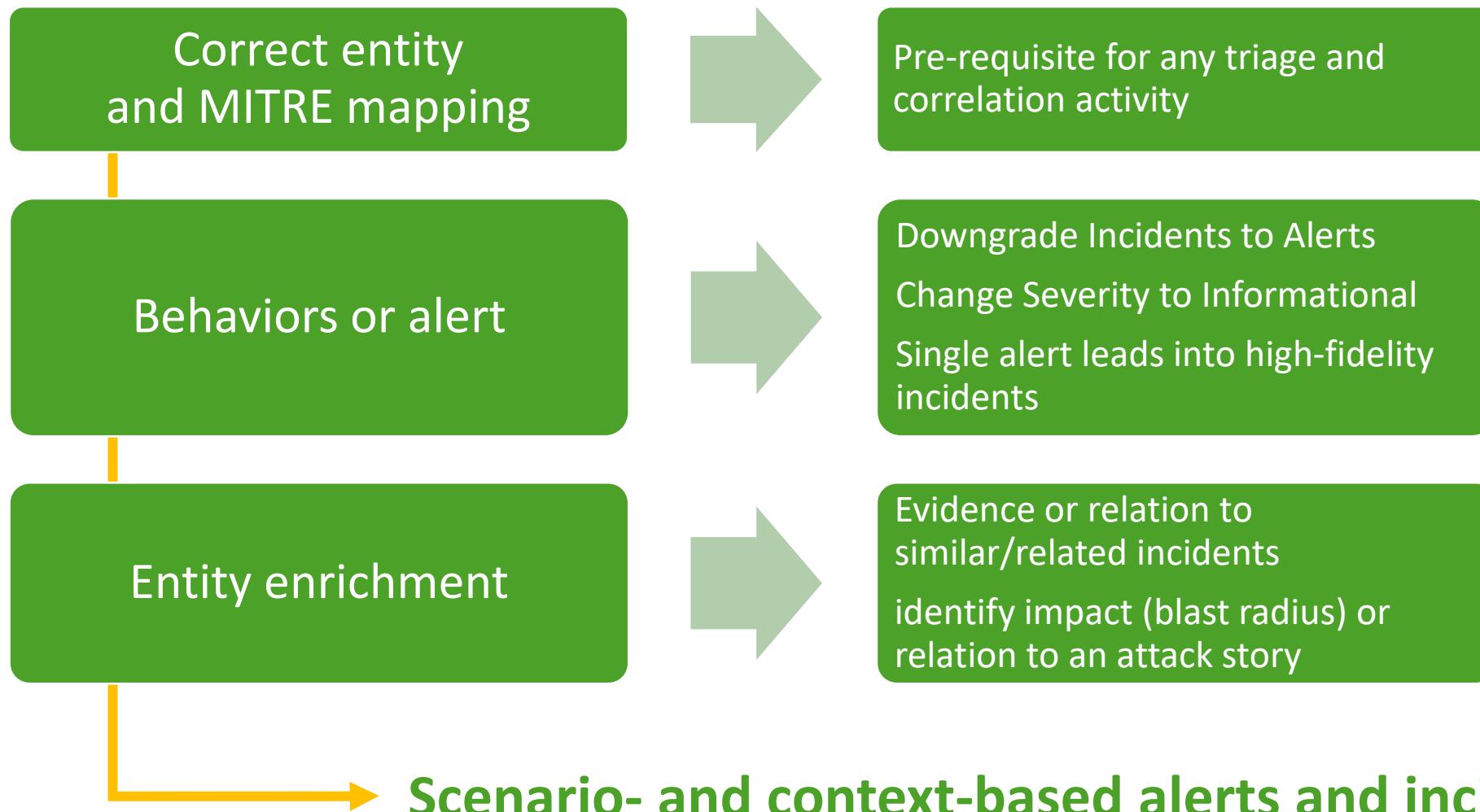
View ransomware investigation and response recommended steps for this incident

Open ransomware playbook



The Mordor of Incidents

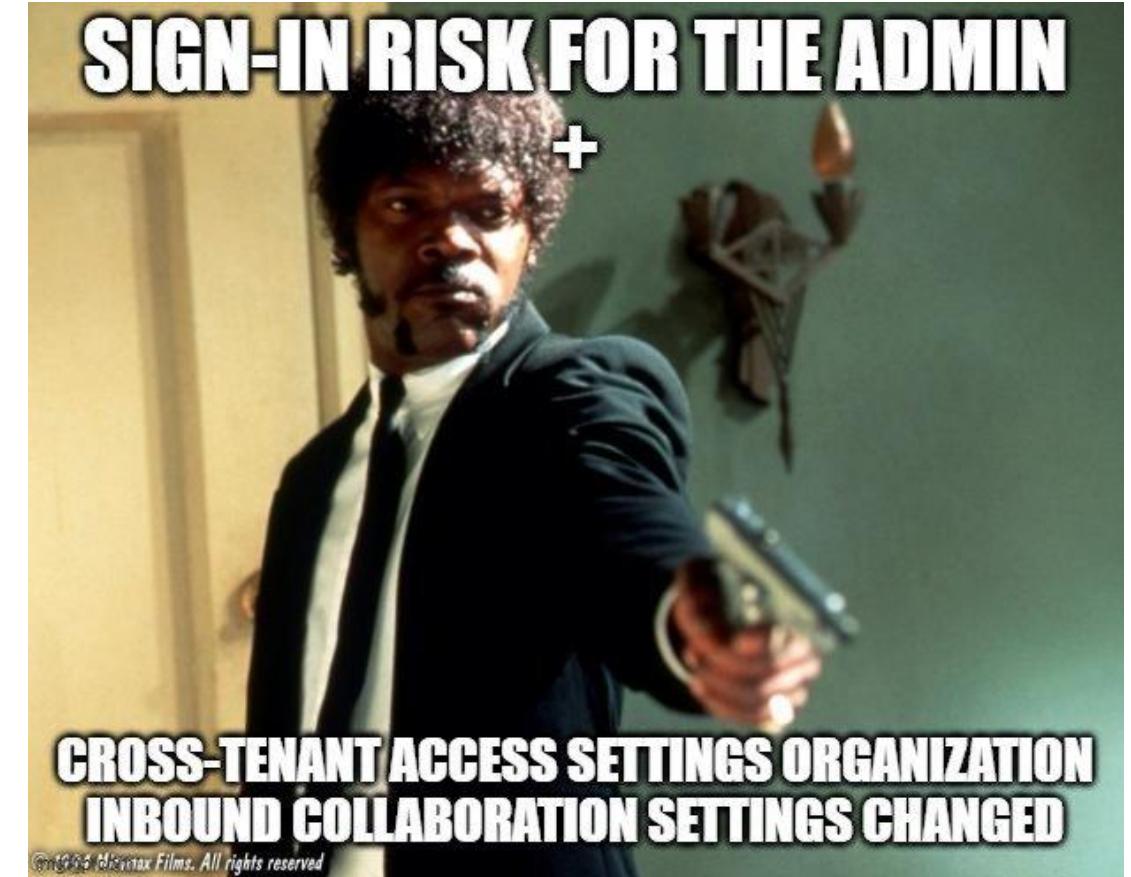
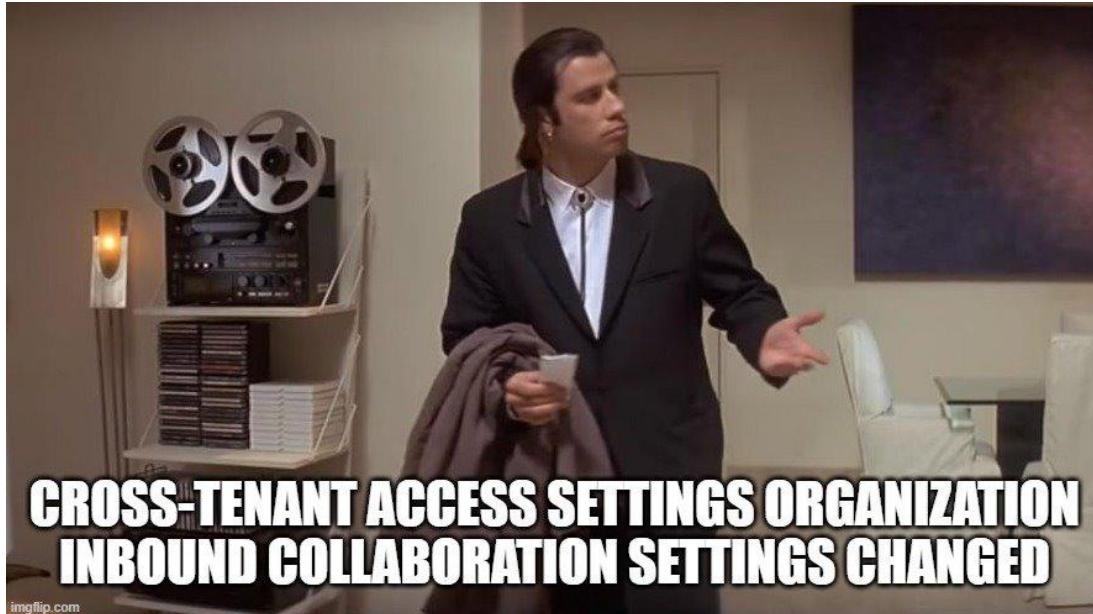
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Scenario- and context-based approach

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Integration of custom enrichment

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Incidents > User account compromise identified from a known attack pattern (attack disruption)

User account compromise identified from a known attack pattern (attack disruption)

High | Active | Unassigned | Attack Disruption CSOC Notify

Attention! Attack disruption initiated a disable user action on a compromised account. For more details, select the Assets > Users tab or go to the [Action center](#).

Attack story Alerts (42) Assets (24) Investigations (0) Evidence and Response (17) Summary

Alerts

Play attack story Unpin all Show all

Mar 4, 2025 5:30 AM • New
First access credential added to Application or Service Principal where no credential was present

Thomas Naunheim

Mar 4, 2025 5:30 AM • New
Secret added to high privileged application

Thomas Naunheim EntraOps-Clo...

Mar 4, 2025 5:41 AM • New
CloudLab Conditional Access: Add member to group sug_AAD.CA.Exclusion.EmergencyAccessAccounts outside of IG/EM and AADOps

Thomas Naunheim

Mar 4, 2025 5:51 AM • New
Suspicious inbox manipulation rule

Spock 4 Applications

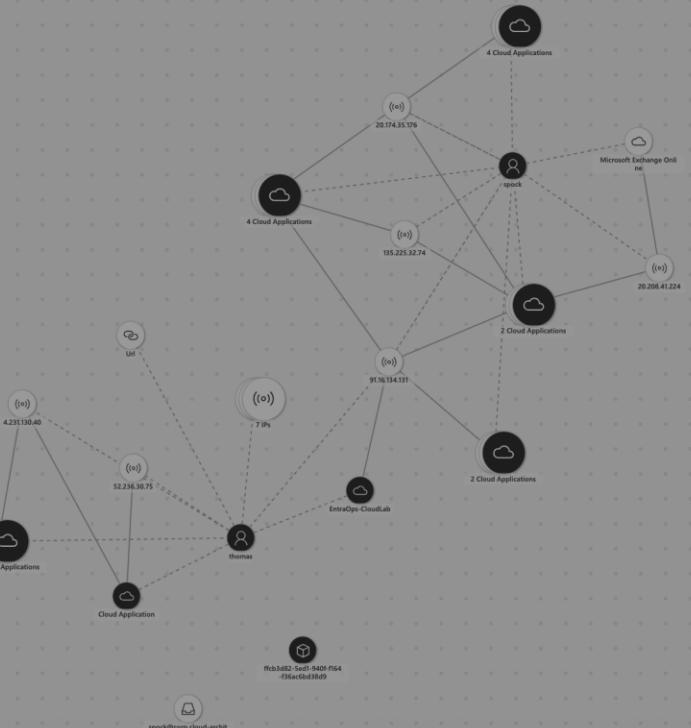
Mar 4, 2025 5:53 AM • New
CloudLab Conditional Access: Spock has access to Microsoft Account Controls V2 without satisfying any policy

Spock 2 Applications

Mar 4, 2025 6:03 AM • New

Incident graph

Layout Group similar nodes



— Communication ---- Association

Activity log

Status changed from "Active" to "In Progress"
May 28, 2025 8:02 AM

Incident was assigned
May 28, 2025 8:02 AM

func
May 27, 2025 1:41 PM

GK CSOC

Not all affected file entities are in 'Prevented' stat or entities are classified as "hacktool". This alert must be investigated further.

func
May 27, 2025 1:41 PM

GK CSOC

KQL query 'List which files are not in 'Prevented' state' returned:

HostName	RemediationState	RemediationDate	FolderP
5xn	Active	5/27/2025 11:22:52 AM	C:\User

Normal B I U S

Add comment

Save



Build your own Correlation logic

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Sources

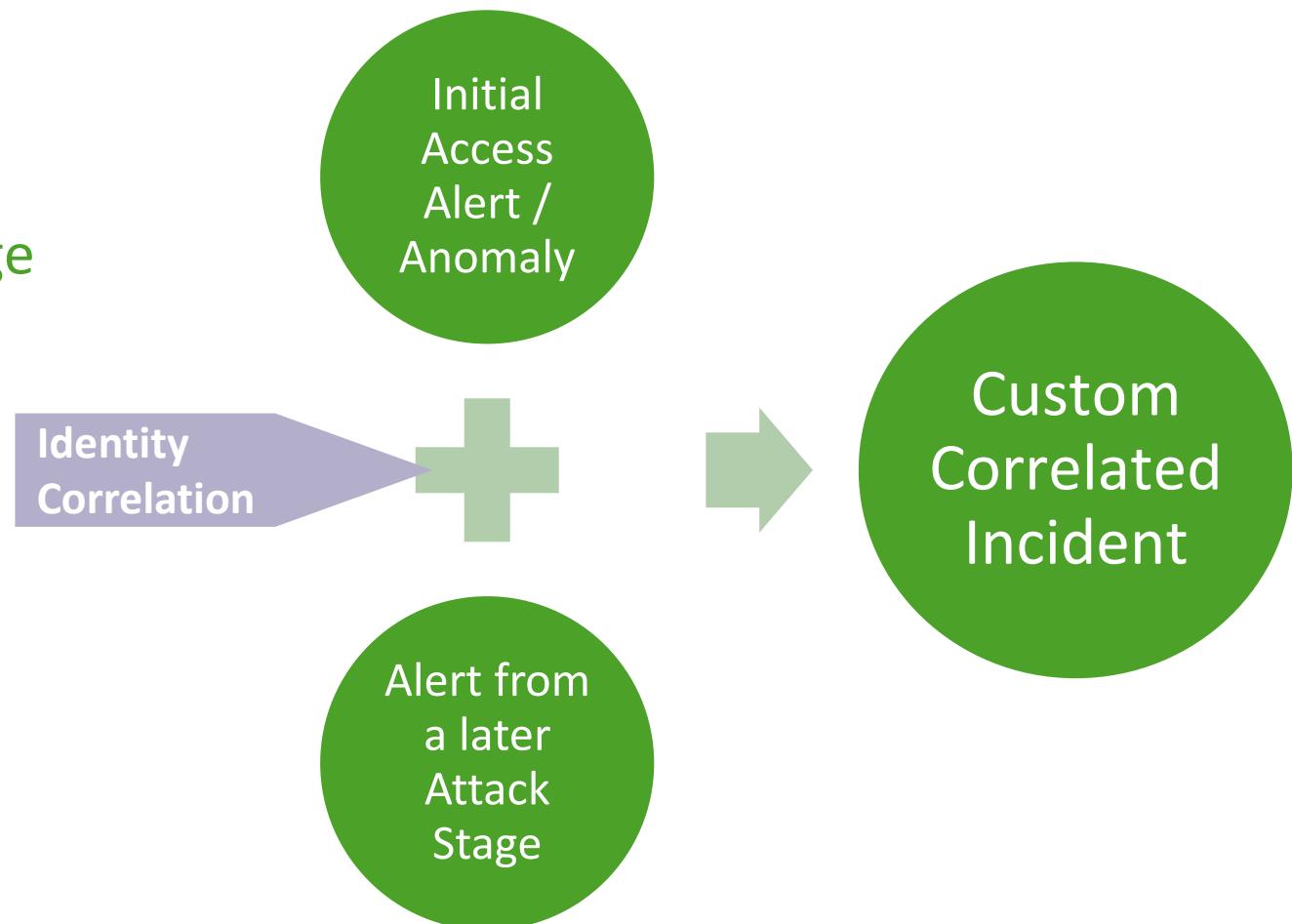
Incidents

- Correlated incidents with high-fidelity alerts which includes scoped attack stage by M&TRE techniques and tactics

ML-based data sources with raw data

- All Identity Protection risks
- BehaviourAnalytics Entry with high InvestigationPriority

Logic





Build your own Correlation logic

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Microsoft Azure Search resources, services, and docs (G+)

Copilot Copilot Notifications Help Activity log User icon

Home > Microsoft Sentinel | Incidents >

[GK Fusion] Unusual Entra Conditional Access Failures followed by Authentication Method Changed for Privileged Account

Incident number 21813

Refresh Delete incident Logs Tasks Activity log

Medium Severity Closed Status Owner

Overview Entities Incident actions

Incident timeline

Search Add filter

Aug 20 13:13:27 [GK Fusion] Unusual Entra Conditional ... Medi... Detected by Microsoft Se... Tacti...

Entities

Search Type : All

Account

Evidence

N/A 1 0

Events Alerts Bookmarks

Last update time 20/08/2025, 16:43:55 Creation time 20/08/2025, 14:04:25

Investigate



Demo: ...

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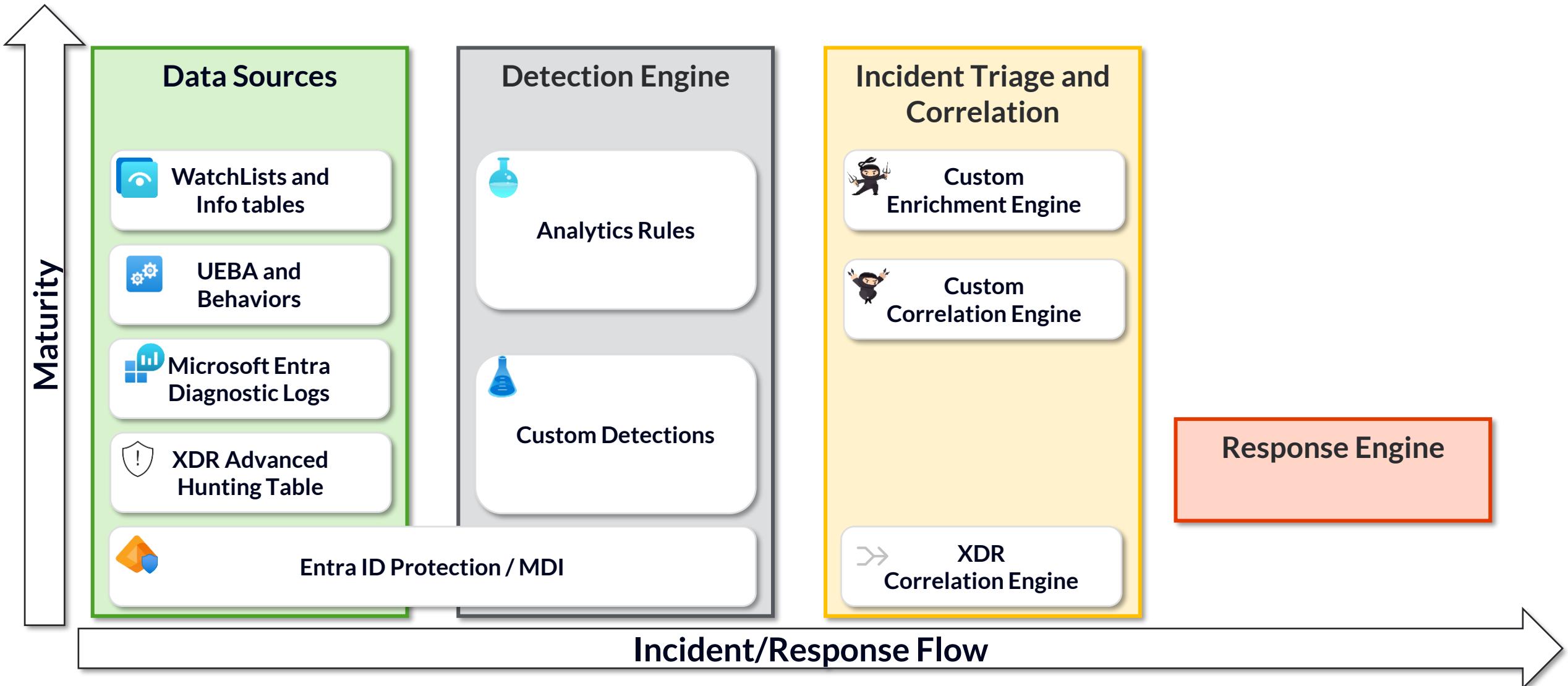
Custom function to gather entity details from various sources (UnifiedIdentityInfo)





Detection Engineering Landscape

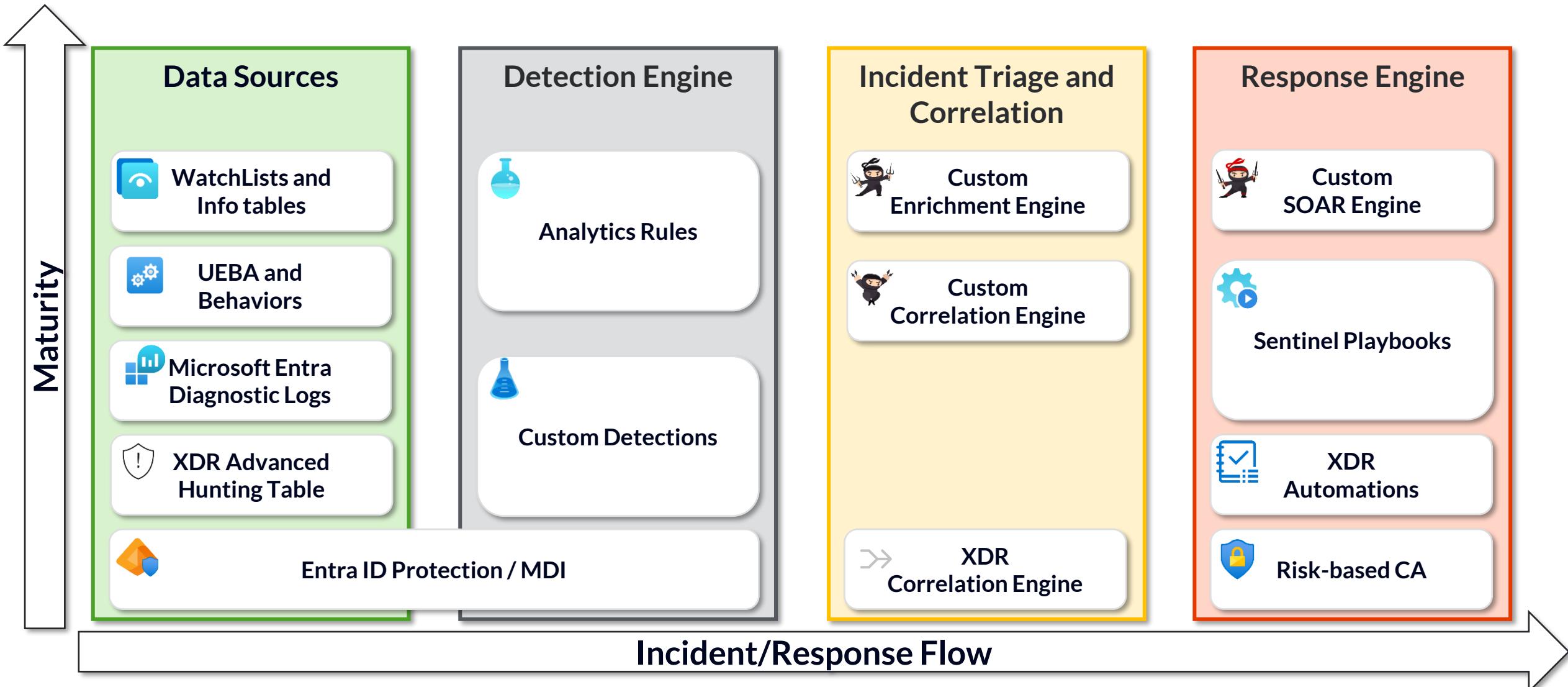
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Detection Engineering Landscape

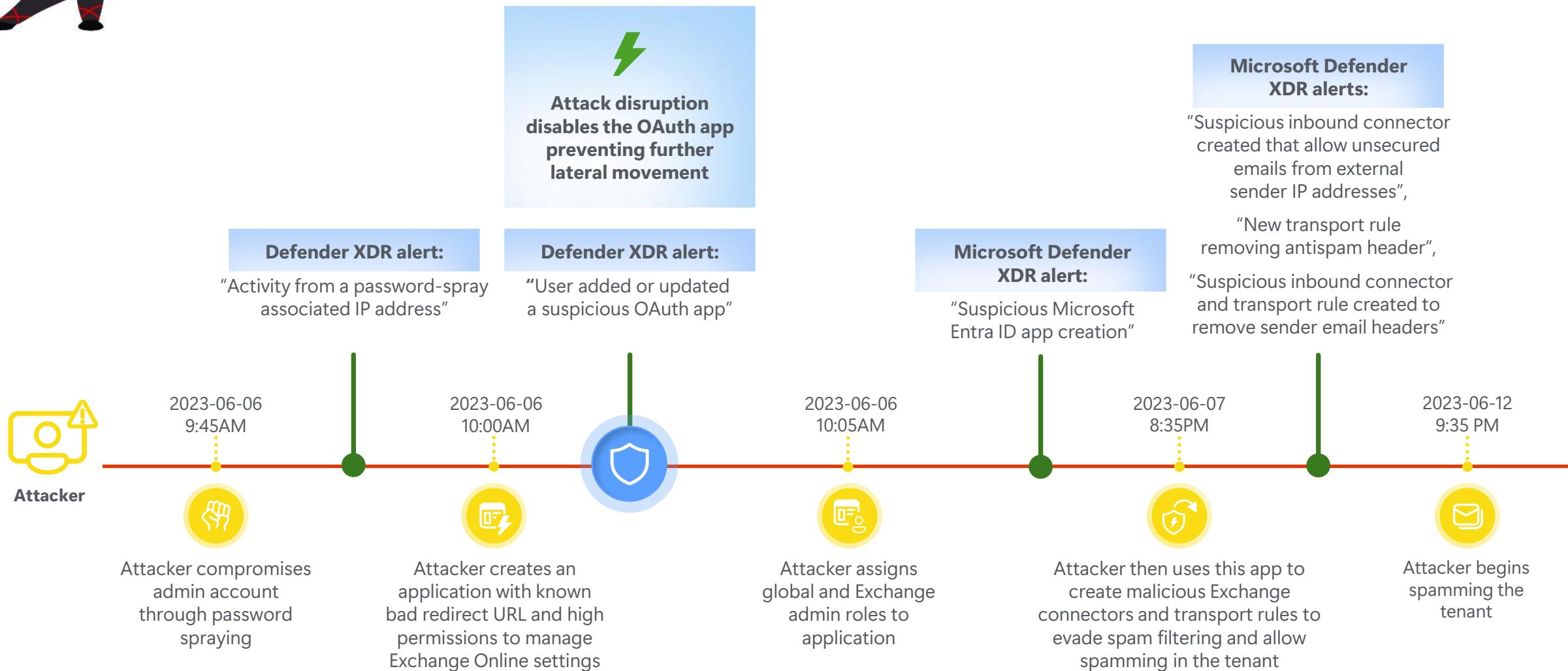
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Attack disruption

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Example of Attack Disruption

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Microsoft Defender

Incidents > User account compromise identified from a known attack pattern (attack disruption)

User account compromise identified from a known attack pattern (attack disrupt...)

High Active Unassigned Attack Disruption CSOC Notify

Attention! Attack disruption initiated a disable user action on a compromised account. For more information, see the Action Center.

Attack story Alerts (42) Assets (24) Investigations (0) Evidence

Play attack story Unpin all Show all Incident graph

Spock 2 Applications

Mar 4, 2025 6:28 AM New CloudLab Conditional Access: Spock has access to Bing without satisfying any policy

Spock 4 Applications

Mar 4, 2025 6:33 AM New Possible BEC-related inbox rule

Spock

Mar 4, 2025 6:33 AM New Suspicious Outlook rules

Spock

Mar 4, 2025 6:33 AM New Suspicious inbox manipulation rule

Spock

Mar 4, 2025 6:36 AM New CloudLab Conditional Access: Remove member from group sug_AAD.CA.Exclusion.EmergencyAccessAccounts outside of IG/EM and AADOps

Thomas Naunheim

Action Center

Pending History

Export

Filters: Action source: Attack disruption

Action update time	Investigation ID	Approval ID
Mar 4, 2025 7:03 AM	2e0fca	
Feb 26, 2025 3:08 PM	5d80bd	
Feb 21, 2025 3:08 PM	e312bf	
Feb 21, 2025 3:07 PM	e17965	

Disable user

Enable user Disable user

Actions status

Completed

Approval ID

2e0fca

Action source

Attack disruption

Comments and history

No comments or history found.

Alert details

Incident

User account compromise identified from a known attack pattern (attack disruption)

Service Source

Microsoft Defender XDR

Detection Source

Microsoft Defender XDR

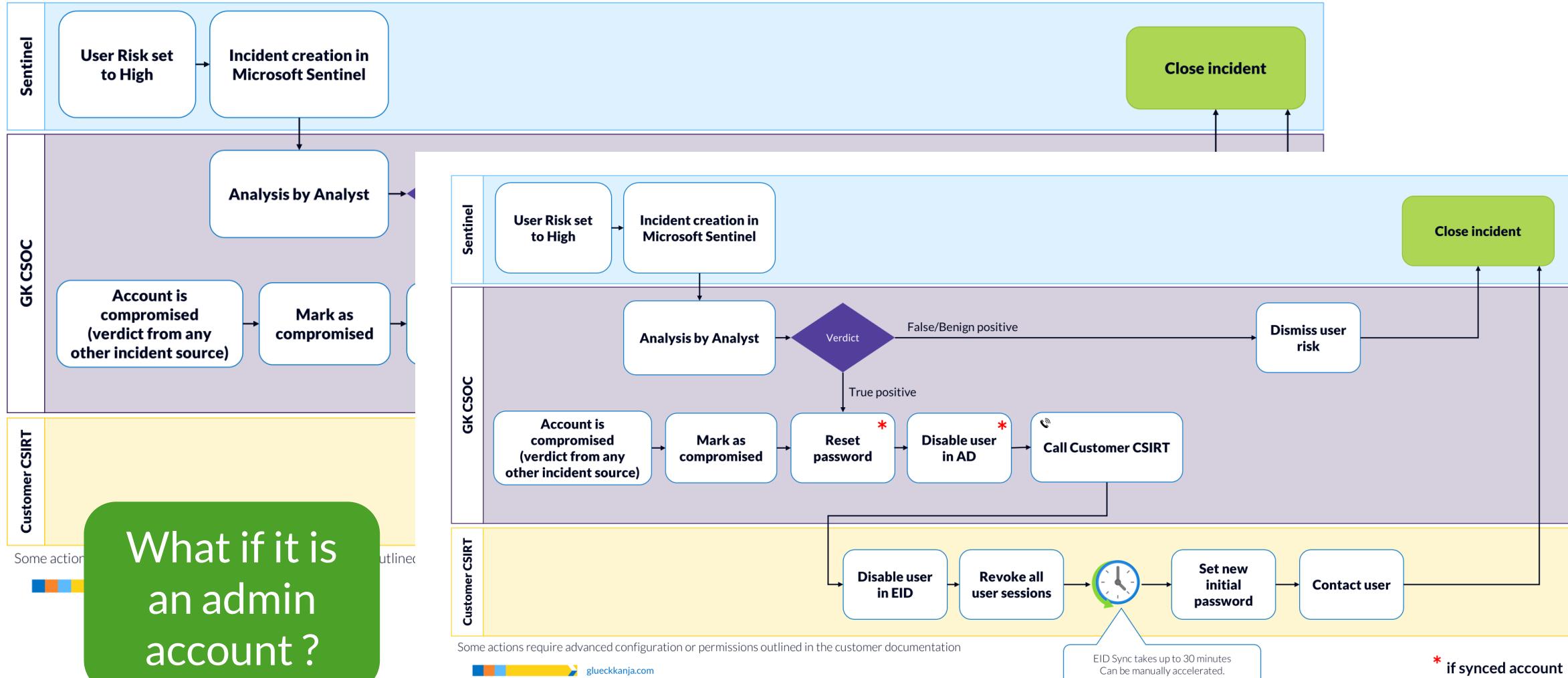
Mar 4, 2025 5:30:53 AM

Mar 8, 2025 4:36:57 AM



Containment | identity compromise process

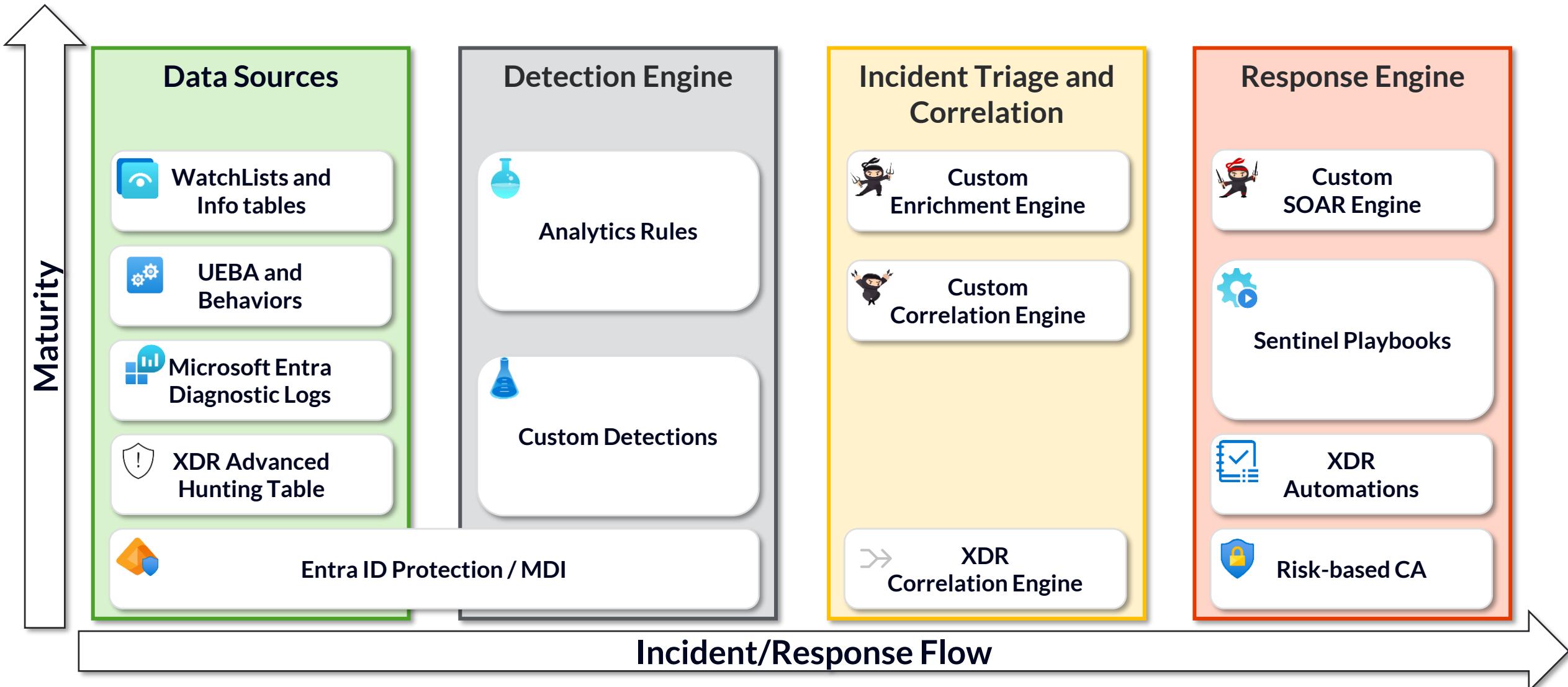
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Detection Engineering Landscape

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We love Feedback

<https://wpninja25.sched.com/>



Great Session!



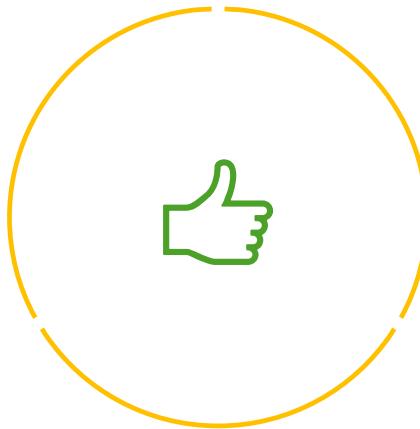
Okay Session!



Not so okay Session!



Workplace Ninja
Summit 2025



Thank You

