CryptoGen Nepal

Saycure.

Solution Sheet

Use case Document

#Made4Security

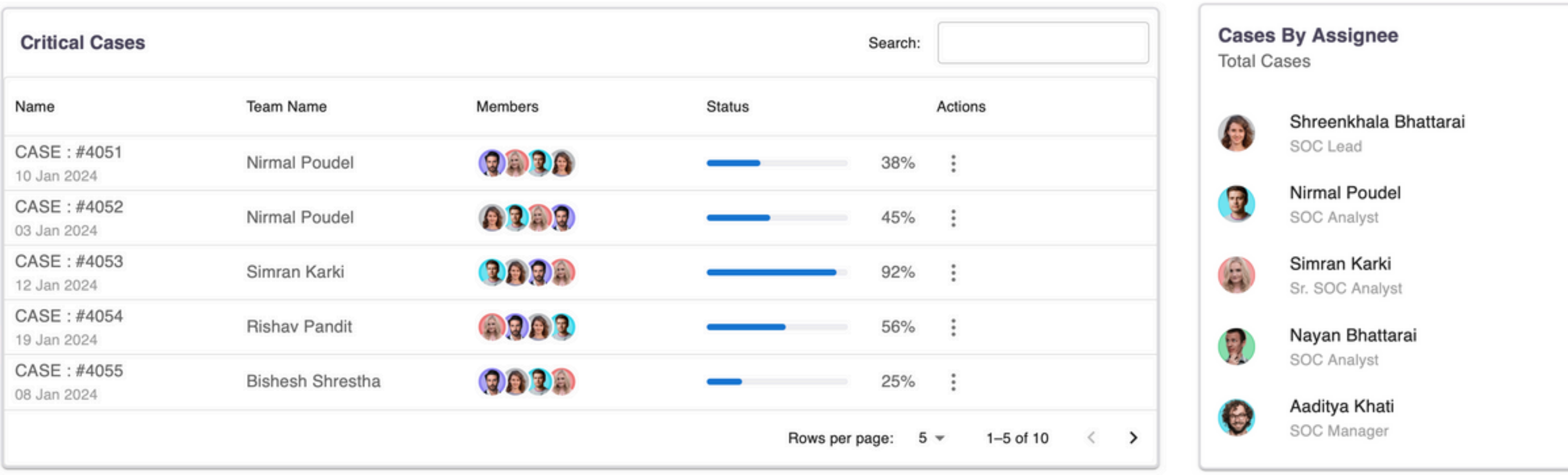
www.cryptogennepal.com

Saycure.

SayCure is a modern threat detection and response platform with threat detection capabilities which helps organizations neutralize threats before they have a negative impact on your business(s). Active response and vulnerability management capabilities out-of-the-box makes Saycure a one-stop solution for Threat life cycle management.

We focus on 3 key features:

- Cyber risk focused alerts
- Active monitoring and Response
- Compliance Monitoring
- Vulnerability Detection



Critical Cases

Search:

Name	Team Name	Members	Status		Actions
CASE : #4051 10 Jan 2024	Nirmal Poudel			38%	⋮
CASE : #4052 03 Jan 2024	Nirmal Poudel			45%	⋮
CASE : #4053 12 Jan 2024	Simran Karki			92%	⋮
CASE : #4054 19 Jan 2024	Rishav Pandit			56%	⋮
CASE : #4055 08 Jan 2024	Bishesh Shrestha			25%	⋮

Rows per page: 5 1–5 of 10

Cases By Assignee

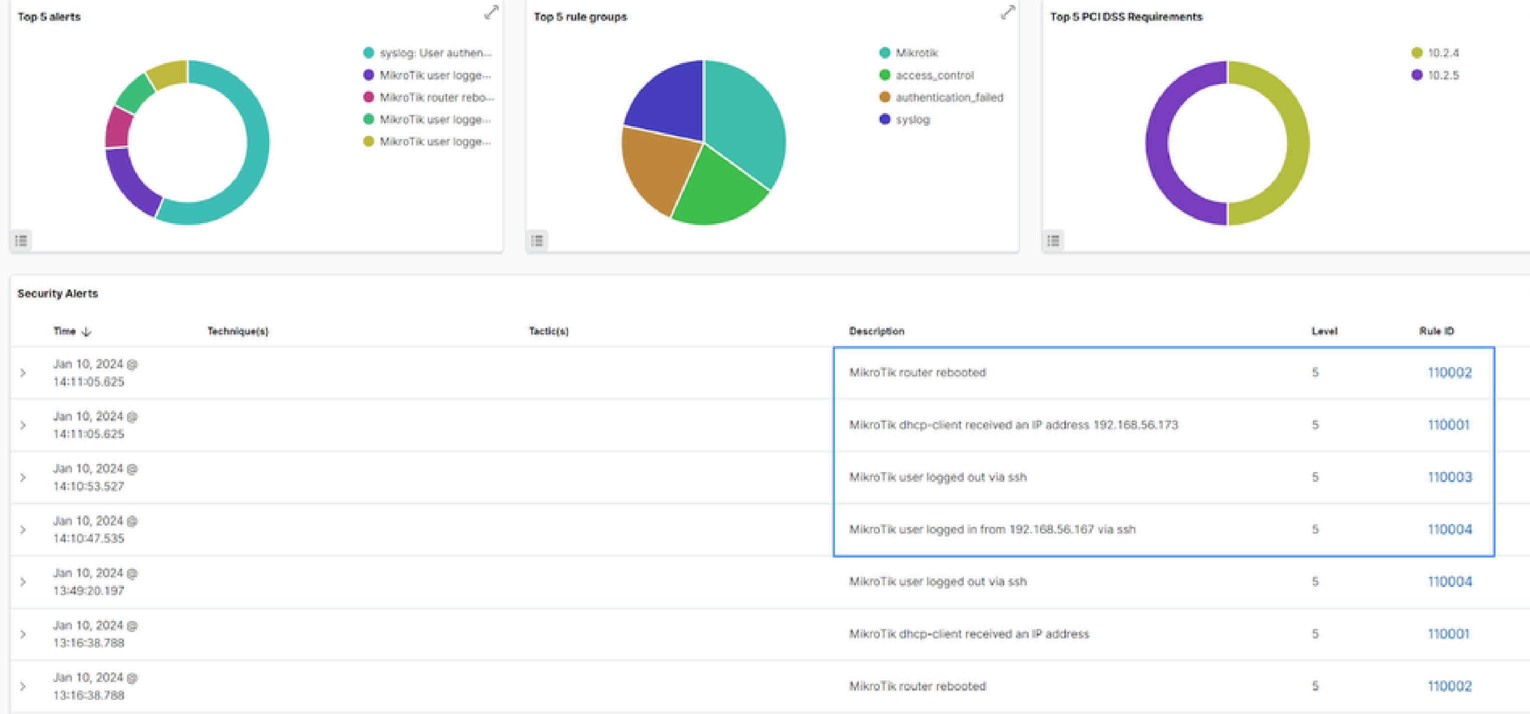
Total Cases

Shreenkhala Bhattarai	SOC Lead
Nirmal Poudel	SOC Analyst
Simran Karki	Sr. SOC Analyst
Nayan Bhattarai	SOC Analyst
Aaditya Khati	SOC Manager

Integrations

Network Monitoring components are directly embeded in the saycure platform. SayCure supports wide range of networking devices not limited to the out of the box parsers:

- Cisco PIX, ASA, and FWSM (all versions)
- Cisco IOS routers (all versions)
- Juniper Netscreen (all versions)
- SonicWall firewall (all versions)
- Checkpoint firewall (all versions)
- Cisco IOS IDS/IPS module (all versions)
- Sourcefire (Snort) IDS/IPS (all versions)
- Dragon NIDS (all versions)
- Checkpoint Smart Defense (all versions)
- Bluecoat proxy (all versions)
- Cisco VPN concentrators (all versions)
- VMWare ESXi 4.x
- Huawei USG

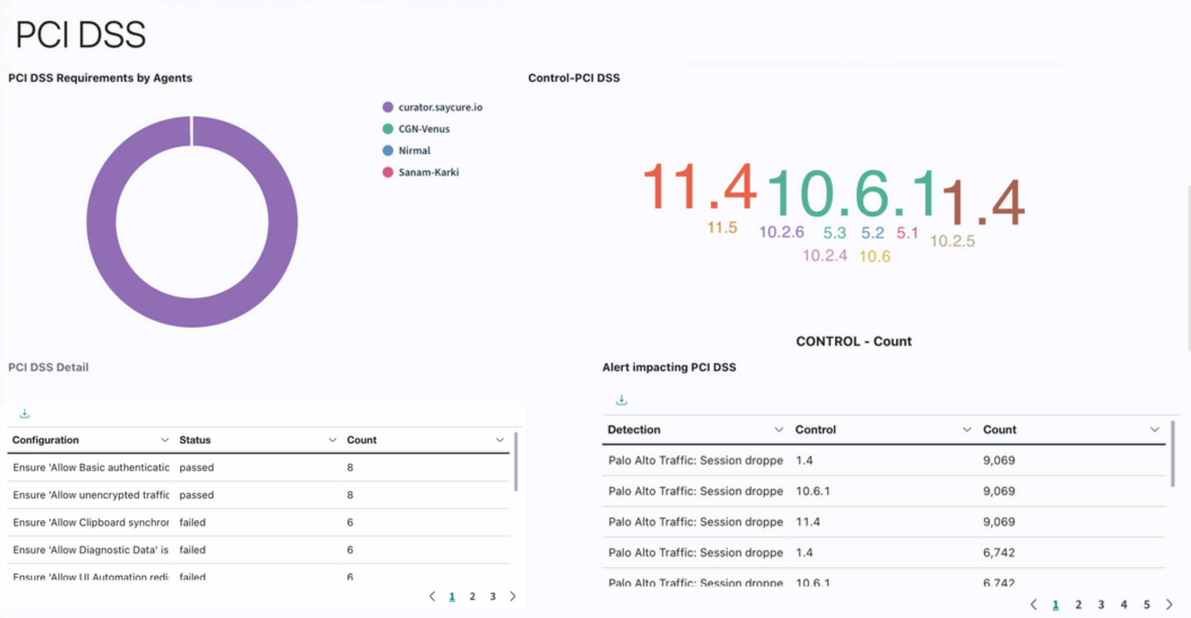


Security Alerts

Time ↓	Technique(s)	Tactic(s)	Description	Level	Rule ID
Jan 10, 2024 @ 14:11:05.625			MikroTik router rebooted	5	110002
Jan 10, 2024 @ 14:11:05.625			MikroTik dhcp-client received an IP address 192.168.56.173	5	110001
Jan 10, 2024 @ 14:10:53.527			MikroTik user logged out via ssh	5	110003
Jan 10, 2024 @ 14:10:47.535			MikroTik user logged in from 192.168.56.167 via ssh	5	110004
Jan 10, 2024 @ 13:49:20.197			MikroTik user logged out via ssh	5	110004
Jan 10, 2024 @ 13:16:38.788			MikroTik dhcp-client received an IP address	5	110001
Jan 10, 2024 @ 13:16:38.788			MikroTik router rebooted	5	110002

Compliance

SayCure helps to implement compliance requirement for regulatory compliance support and visibility. This is done by providing automation, improved security controls, log analysis, and incident response. The default SayCure ruleset provides support for PCI DSS, HIPAA, NIST **800-53**, TSC, and GDPR frameworks and standards. SayCure rules and decoders are used to detect attacks, system errors, security misconfigurations, and policy violations.



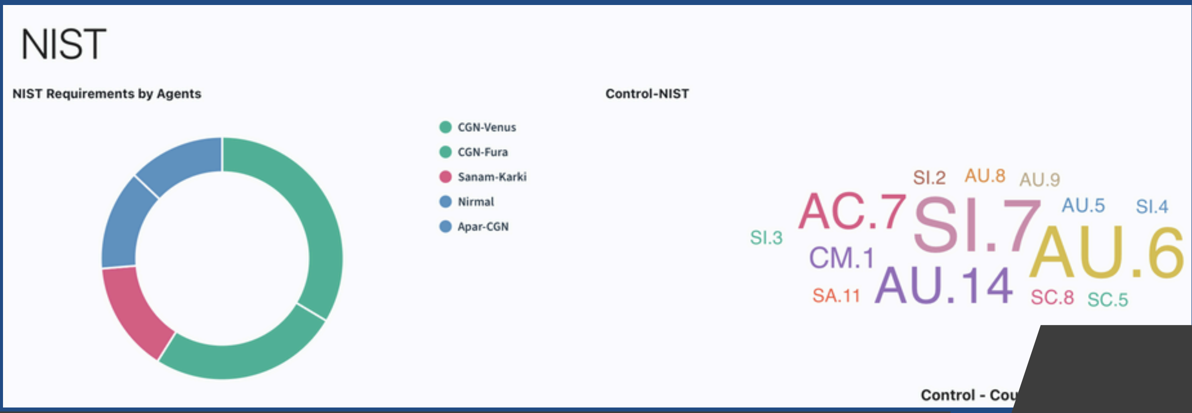
PCI DSS Detail

Configuration	Status	Count
Ensure 'Allow Basic authenticatic	passed	8
Ensure 'Allow unencrypted traffic	passed	8
Ensure 'Allow Clipboard synchror	failed	6
Ensure 'Allow Diagnostic Data' is	failed	6
Ensure 'Allow UI Automation redi	failed	6

Alert impacting PCI DSS

Detection	Control	Count
Palo Alto Traffic: Session droppe	1.4	9,069
Palo Alto Traffic: Session droppe	10.6.1	9,069
Palo Alto Traffic: Session droppe	11.4	9,069
Palo Alto Traffic: Session droppe	1.4	6,742
Palo Alto Traffic: Session droppe	10.6.1	6,742

SayCure supports dashboard creation for Local Compliances along with regulatory. The logs and events are mapped with local compliances.



Internal Mapping (RBAC)

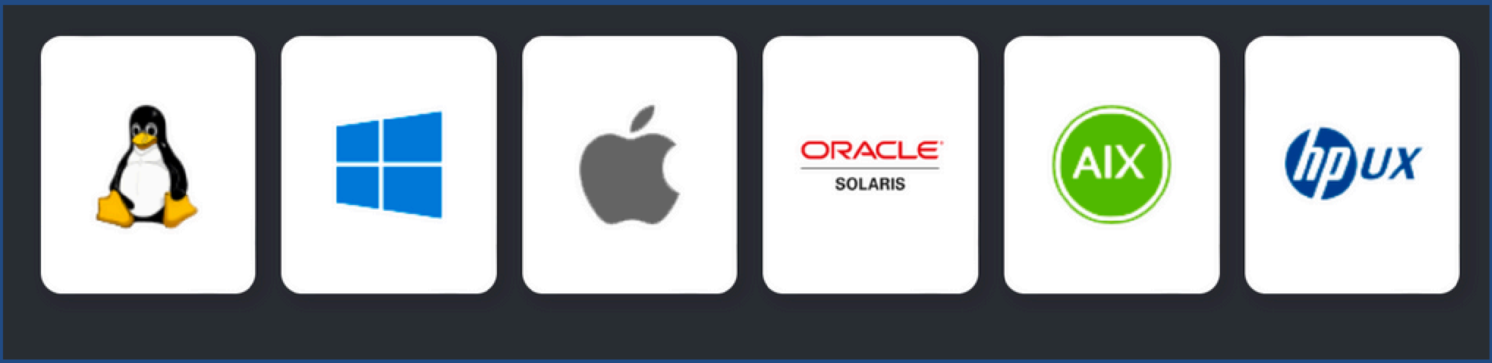
Wazuh RBAC allows access to Wazuh resources based on the roles and policies assigned to the users. It is an easy-to-use administration system that enables to manage users' or entities' permissions to the system resources. To learn more, see the Role-Based Access Control section.

The Wazuh platform includes an internal user database that can be used for authentication. It can also be used in addition to an external authentication system such as LDAP or Active Directory. Learn how to create users and map them with Wazuh in the below sections.

- Creating and setting a Wazuh admin user
- Creating and setting a Wazuh read-only user
- Creating an internal user and mapping it to Wazuh
- Use case: Give a user permissions to read and manage a group of agents

Agent Support

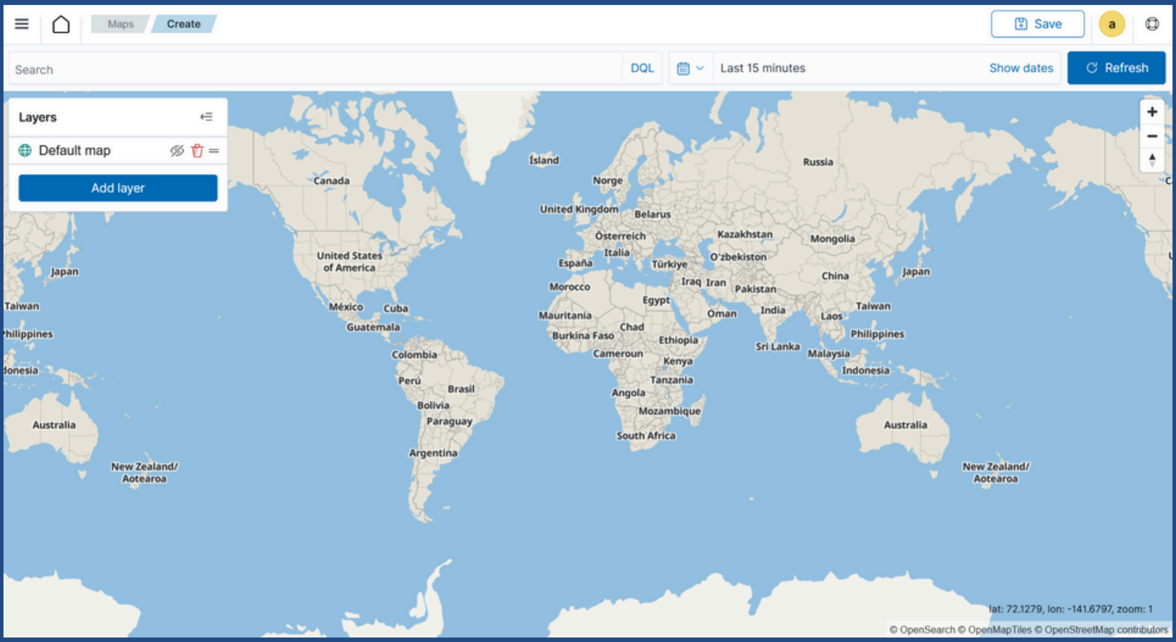
SayCure platform supports wide range of Operating Systems (OS) and with a high number of servers or endpoints, keep in mind that this deployment might be easier using automation tools such as Puppet, Chef, SCCM, or Ansible.



Dashboard

Maps:

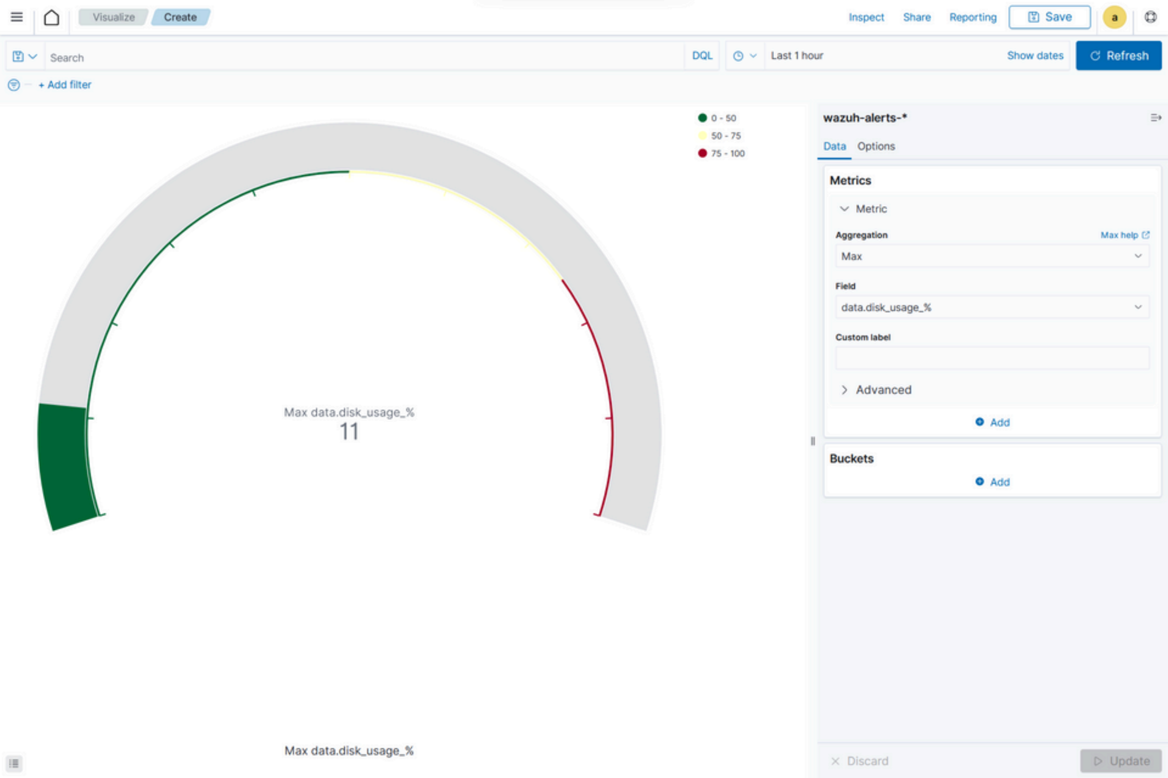
Maps: These are visual representations of geographical regions. Maps display spatial data, such as locations, boundaries, or distributions, on a graphical interface. They provide a means to explore and analyze geographic information, making them valuable for various applications, including navigation, data visualization, and spatial analysis.



Gauge:

This is a visualization that is represented as a meter. It is commonly used to display a single value within a specific range. The gauge consists of a pointer that shows the current value. This is displayed as a position along a circular or linear scale.

Gauges are used to indicate progress, performance metrics, or levels of achievement. It shows how a metric's value relates to reference threshold values.



wazuh-alerts-*

Metrics

Metric

Aggregation: Max

Field: data.disk_usage_%

Custom label:

Advanced

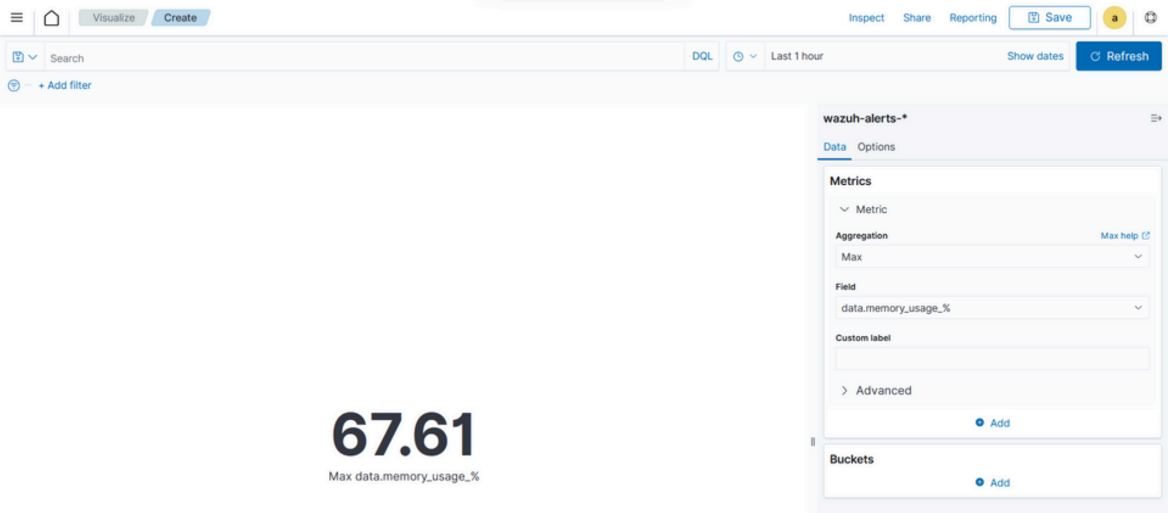
Buckets

Max data.disk_usage_%
11

Max data.disk_usage_%

Metric:

This is a quantifiable measurement that is used to evaluate performance, progress, or specific characteristics. Metric represents a calculation as a single numerical value. They are applicable in various domains, including business analytics, key performance indicators (KPIs), and performance monitoring.



Aggregation: Max

Field: data.memory_usage_%

Custom label:

67.61

Max data.memory_usage_%

Data:

Data metric visualization is a single number that displays any count or calculation.

The following is a list of data visualizations:

- **Data table:** This is where the data is shown in tabular form.
- **Metric:** This is where a single number is displayed, which we can use to show any important metric data.
- **Goal and gauge:** This is used when we want to display any progress.

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Contact Us

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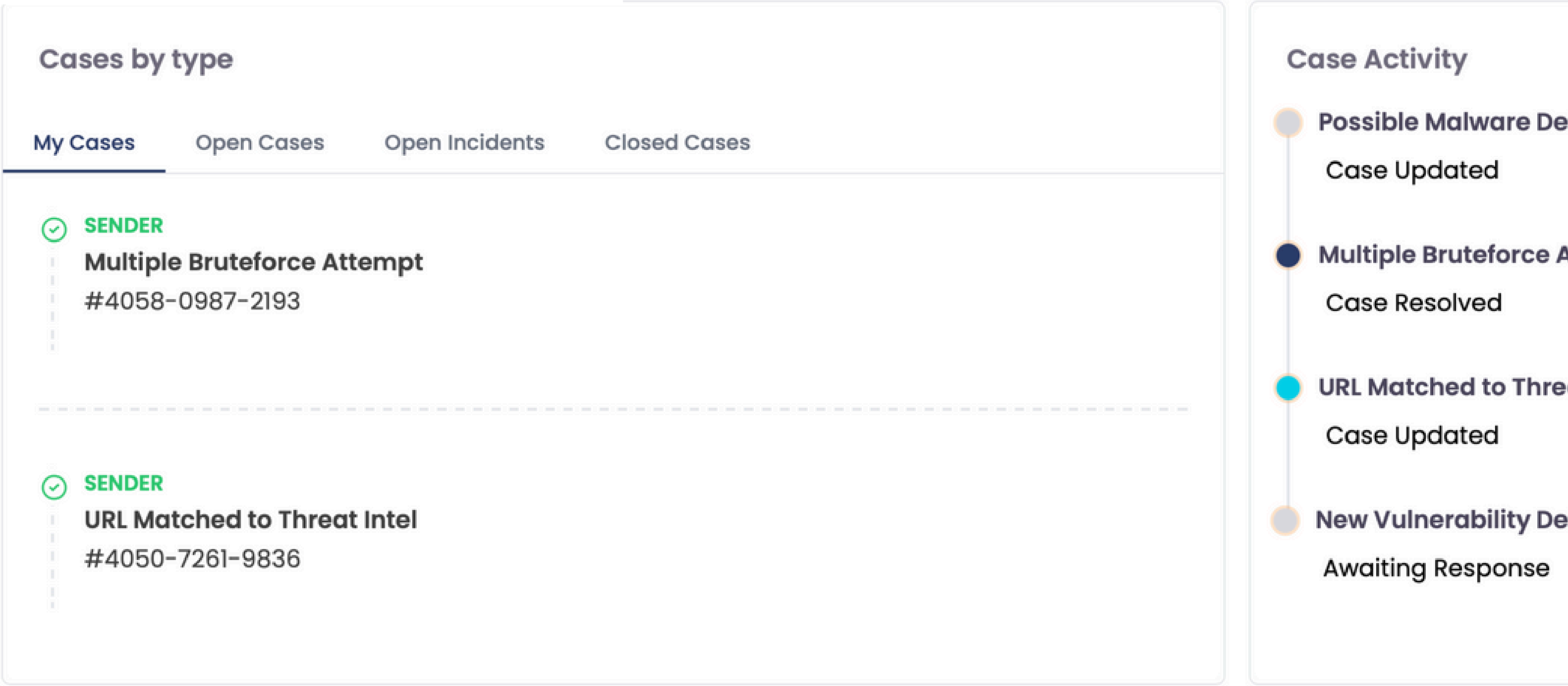

Cases by type

My Cases | Open Cases | Open Incidents | Closed Cases

SENDER
Multiple Bruteforce Attempt
#4058-0987-2193

SENDER
URL Matched to Threat Intel
#4050-7261-9836

Case Activity

Possible Malware De
Case Updated

Multiple Bruteforce A
Case Resolved

URL Matched to Thre
Case Updated

New Vulnerability De
Awaiting Response

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# Stay SayCure