VECTRA

Network threat detection and response for Amazon Web Services (AWS)

Secure AWS deployments across hybrid and multicloud architectures

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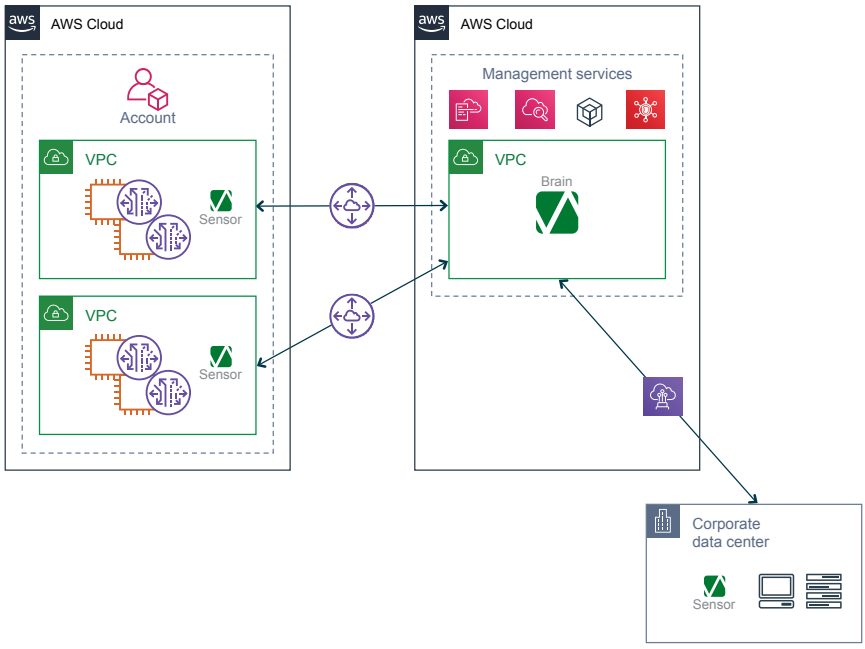
As enterprises move their high-value data and services to the cloud, it's imperative to control cyber-risks that can take down businesses.

As the industry's first network detection and response solution in AWS, the Vectra® AI platform secures hybrid and multicloud deployments with 360-degree visibility that delivers a single view of hidden cyberattacks that advance through cloud, data center and enterprise networks.

The solution

The Vectra platform prevents data breaches in AWS by automatically detecting and prioritizing threats, accelerating investigations and enabling proactive threat hunting – leaving attackers with nowhere to hide.

- Advanced agentless attacker detection and threat hunting reduces the risk of security gaps and removes blind spots in dynamic cloud environments
- Securely deploy services, applications and storage instances across multicloud and hybrid footprints
- Feed AWS activity into your data lake or SIEM as Zeek-formatted security-enriched network metadata
- Backup and restore full Vectra architecture from your AWS storage



The Vectra network threat detection and response platform secures AWS deployments across hybrid and multicloud architectures

	**AWS VPC Traffic Mirroring**	The Vectra platform uses Amazon VPC Traffic Mirroring to monitor connections between Amazon EC2 and Amazon S3 instances and detect hidden threats without using agents.
	**Amazon CloudWatch**	The performance and health of the Vectra platform can be fully monitored through Amazon CloudWatch, a monitoring and observability service built for DevOps engineers, developers, site reliability engineers (SREs), and IT managers.
	**AWS CloudFormation**	Vectra is rapidly deployed using AWS CloudFormation, a tool that describes and provisions all the infrastructure resources in your cloud environment.
	**AWS Security Hub**	Full integration with AWS Security Hub publishes Vectra detections as findings in Security Hub, enabling you to correlate Vectra attacker detections with other data sources for faster threat hunting and incident investigations.
	**Vectra Sensor**	Sensors are deployed across cloud, data center and enterprise networks, where they extract relevant metadata from traffic and ingest external threat intelligence as well as Active Directory and DHCP logs. The characteristics of every flow are recorded, including the ebb and flow, timing, traffic direction, and size of packets. Each flow is then attributed to a host rather an IP address. Available in 1 Gbps and 2 Gbps configurations.
	**Vectra Brain**	As the intelligence of security operations, the Vectra Brain software contains scores of self-learning behavioral models that enrich the metadata from network traffic with machine learning-derived security insights and high-fidelity detections. Available in 5 Gbps and 15 Gbps configurations.

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