Threat Intelligence and Threat Hunting

• Application Security Monitoring
  No image available
  ◦ Detecting Kubernetes scanning activity
  ◦ Detecting software supply chain attacks
  ◦ Improving Google Chrome security
  ◦ Investigating Gsuite phishing attacks
  ◦ Monitoring Kubernetes sensitive object access
  ◦ Protecting a Salesforce cloud deployment

• Cloud Security Monitoring
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  ◦ Analyzing AWS service action errors
  ◦ Detecting AWS cross-account activity
  ◦ Detecting AWS network ACL activity
  ◦ Detecting AWS security hub alerts
  ◦ Detecting AWS suspicious provisioning activities
  ◦ Detecting cloud federated credential abuse in AWS
  ◦ Detecting cloud federated credential abuse in Microsoft Office and Azure Active Directory
  ◦ Detecting Google Cloud Platform (GCP) cross-account activity
  ◦ Detecting Office 365 attacks
  ◦ Detecting privilege escalation in your AWS environment
  ◦ Detecting ransomware activities within AWS environments
  ◦ Detecting suspicious activities within cloud instances
  ◦ Detecting suspicious new instances in your AWS Elastic Compute Cloud (EC2) environment
  ◦ Monitoring AWS and AWS Elastic Compute Cloud (EC2) for suspicious login activities
  ◦ Monitoring AWS Elastic Compute Cloud (EC2) for unusual modifications
  ◦ Monitoring AWS for suspicious traffic
  ◦ Monitoring AWS S3 for suspicious activities
  ◦ Monitoring user activity spikes in AWS

• Data Loss Monitoring
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Detecting data exfiltration activities
Detecting SNICat SNI data exfiltration
Finding large web uploads
Monitoring a network for DNS exfiltration
Monitoring use of Git repositories

**Endpoint Security Monitoring**

- Checking for files created on a system
- Detecting a ransomware attack
- Detecting BlackMatter ransomware
- Detecting Clop ransomware
- Detecting DarkSide ransomware
- Detecting domain trust discovery attempts
- Detecting FIN7 attacks
- Detecting IcedID attacks
- Detecting indicators of Remcos RAT malware
- Detecting malicious file obfuscation using certutil.exe
- Detecting Netsh attacks
- Detecting print spooler attacks
- Detecting recurring malware on a host
- Detecting techniques in the Orangeworm attack group
- Detecting the Baron Samedit sudo attack
- Detecting the disabling of security tools
- Detecting Trickbot attacks
- Detecting usage of popular Linux post-exploitation tools
- Detecting WhisperGate malware
- Detecting Windows Background Intelligent Transfer Service (BITS) abuse
- Detecting Windows file extension abuse
- Detecting XMRig CPU or GPU mining
- Detecting Zerologon attacks
- Finding interactive logins from service accounts
- Investigating unusual file system queries
- Monitoring command line interface actions
- Monitoring DNS queries

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Fraud Analytics and Detection

- Detecting ATM fraud
- Detecting credit card fraud
- Detecting web fraud
- Detecting wire transfer fraud
- Monitoring consumer bank accounts for potential fraud

Insider Threat and Account Compromise

- Conducting an Azure new user census
- Detecting lateral movement with Active Directory data
- Detecting masquerading
- Detecting password spraying attacks within Active Directory environments
- Detecting unusual GCP service account usage
- Finding Windows audit log tampering
- Identifying new Windows local admin accounts
- Monitoring for signs of Windows privilege escalation attack
- Monitoring Kubernetes sensitive role activities
- Recognizing improper use of system administration tools

Network Security Monitoring

- Detecting host redirection attacks
- Detecting network and port scanning
- Detecting TOR traffic
- Detecting UDP service amplification abuse
- Monitoring employee network traffic
- Monitoring for network traffic volume outliers
- Terminating W3WP spawned processes

Web Activity Security Monitoring

- Deleting web shells automatically
- Detecting unencrypted web communications

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