



# IBM Security X-Force Threat Management Services for AWS

## A smarter security solution to manage the full threat lifecycle across your AWS environments

The likelihood of breaches are an unfortunate fact of life today. This requires a unique approach that leverages the entirety of the threat management lifecycle and takes advantage of AWS-native tools and skills, such as AWS Config, AWS CloudTrail, and Amazon Macie.

IBM Security X-Force Threat Management Services is an end-to-end, integrated threat management program that provides services across each phase of an industry standard cybersecurity framework. An intelligent mix of cognitive tools, automation, orchestration and human guidance accelerates and enhances each phase of the threat management lifecycle. X-Force Threat Management Services brings the framework to life using advanced technologies and capabilities from the IBM Security Services portfolio to reduce risk and improve your security posture.

X-Force Threat Management also leverages AWS-native tools, automation, an intelligence-driven approach, and industry-leading advisory skills to manage threats and reduce risks to AWS environments. As a trusted partner, we provide the blueprint, services and open technology to mature our clients' threat management readiness.

### Highlights

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- Partner with you to align your current state with security industry frameworks and mature your SOC
- Help minimize time, costs and exposure associated with potential breaches in your AWS environments
- Quickly and effectively detect threats from nearly anywhere, at any time, by anyone
- Automate your security operations with Artificial Intelligence (AI), Machine Learning (ML), and orchestration for faster Response and Recovery
- Continuously assess your SOC maturity and improve your operations, resulting in executional and operational excellence



When properly implemented and integrated, X-Force Threat Management Services can provide the following critical business outcomes:

- **Transparency:** Visibility into insights and investigations – and the overall effectiveness of the program
- **Speed:** Automation, analytics, and AI increase speed to insight and action
- **Consistency:** Prescriptive action and transparency increases consistency
- **Quality:** Enriched, orchestrated investigation results in higher quality
- **Collaboration:** Shared case management and ongoing joint development and execution of security maturity roadmaps
- **Governance:** Assigned SOC leader, account management and continuous advisory service and continuous optimization

## IBM Security X-Force Threat Management Services for AWS

A comprehensive threat management program is the key to optimizing security controls, responding to skills shortage, securing the journey to cloud, and maturing security posture.

The X-Force Threat Management approach brings together:

- A programmatic framework to safely accelerate your security approach, regardless of where you are in your journey to the AWS Cloud
- A trusted security partner with world class advisors and global experience that helps you navigate through AWS' shared responsibility matrix
- End-to-end threat management powered by a smarter platform, providing visibility, speed, and efficiency, with business context



and curated intelligence to supercharge investigation and resolution of incidents

- A governance model that permits continuous iteration on cloud security capabilities to meet stringent business and regulatory requirements

IBM Security's X-Force Threat Management is the only end-to-end program that integrates the capabilities of offensive testing, managed security services, artificial intelligence and incident response.

### **Leverage IBM's AWS Security Maturity Assessment**

IBM's [AWS Cloud Security Maturity Assessment](#) identifies gaps in your AWS cloud security posture and includes a high-level review and report of the following:

- AWS Cloud Security Operations and Response
- AWS Cloud Policies in Support of Risk and Compliance
- AWS Identity and Access Management (IAM)
- AWS Data Security Lifecycle
- AWS Encryption Key Management
- AWS Application and Interface Security
- AWS Infrastructure and Virtualization Security
- AWS Configuration Management
- AWS Vulnerability Management and End Point Security
- AWS Governance and Risk Management

X-Force Threat Management is the only end-to-end program that integrates the capabilities of detection, offensive testing, managed security services, artificial intelligence, and incident response.

### **Secure Your AWS Environments with X-Force Threat Management Services**

IBM Security's X-Force Threat Management with IBM Security SOAR solution leverages IBM Security QRadar's pre-built rules and correlations curated for AWS security use cases. QRadar is AWS-aware and contains



meta data to detect possible AWS security threats with advanced rules, reports and saved searches. Additionally, X-Force Threat Management has the ability to detect threats at the AWS API Layer, including Protocol Common RPM, Amazon Simple Storage Service (S3) REST API Protocol RPM, DSM Common RPM, Amazon Web Services RPM, and AWS CloudTrail DSM RPM.



## Why IBM?

IBM Security offers one of the most advanced and integrated portfolios of enterprise security products and services. The portfolio, supported by world-renowned IBM Security X-Force® research, provides security solutions to help organizations drive security into the fabric of their business so they can thrive in the face of uncertainty.

IBM operates one of the broadest and deepest security research, development and delivery organizations. Monitoring more than one trillion events per month in more than 130 countries, IBM holds over 3,000 security patents. To learn more, visit [ibm.com/security](https://www.ibm.com/security).

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## For more information

To learn more about IBM Security X-Force Threat Management Services, please contact your IBM representative or IBM Business Partner, or visit the following website:

<https://www.ibm.com/security/services/threat-management>