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SEC 344

Scaling security group management with AWS Firewall Manager

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Agenda

Overview of AWS Firewall Manager

Customer challenges in managing firewall rulesets

Common customer use cases

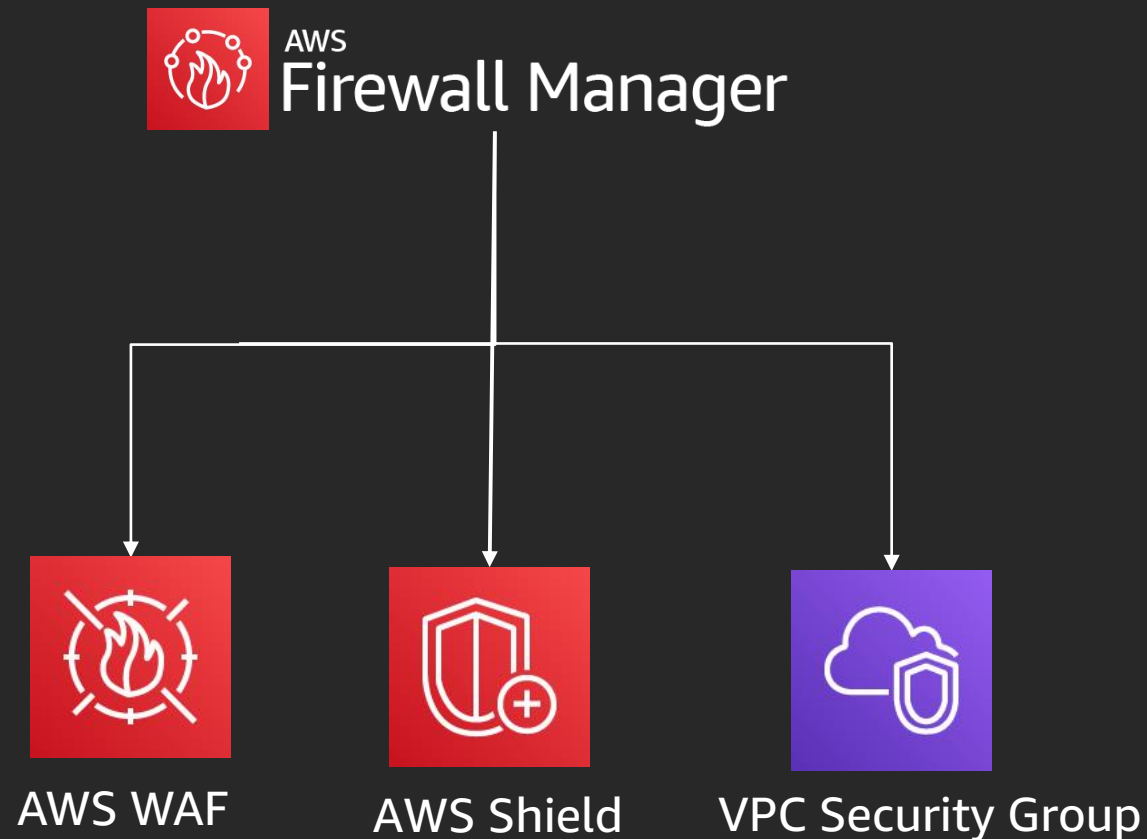
Automated central firewall management

AWS Firewall Manager

A **security management tool** to centrally configure and manage your firewall policies across your accounts and applications in your organization



AWS Firewall Manager key benefits



- **Centrally enable baseline security** across your organization
- **Consistently enforce** protections, even as new applications are created
- **View compliance posture** centrally across your AWS accounts

Customer challenges in managing firewall rulesets

- Large number of dynamic applications within different accounts
- Small central security team
- Delegated firewall rules management to users at the account level
- Increased risk of lateral movement due to over-permissive firewall rulesets

Common customer use cases

- Enforcing a unified ruleset on management network interfaces
- Securing applications within hub-and-spoke VPC model
- Auditing firewall rulesets for public and third-party permissions
- Eliminating firewall rules redundancy

Automated central firewall management

- Applying a set of standard firewall rules on dynamically discovered resources
- Auditing and remediating directly and indirectly in-scope firewall rules
- Propagating standard firewall rules updates
- Cleaning up of unused and redundant firewall rules
- Securing resource tagging per organization level

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