Cloud security posture management (CSPM) resources

So far, you've learned that cloud security posture management (CSPM) is the process of monitoring and configuring cloud assets for security and compliance with best practices, regulations, and organization policy. CSPM tools automatically scan cloud assets and alert security teams if a potential issue is found. Multicloud CSPM tools assess the security of assets throughout a multicloud environment. They provide a centralized place to help ensure the right policy actions and controls are in effect, and alert you to events within the multicloud environment. They also help keep the whole environment secure, and in-line with compliance standards. In this reading, you'll be given links to helpful resources for exploring CSPM tools in more detail.

CSPM resources

- Palo Alto Prisma Cloud is a cloud-native application protection platform (CNAPP) that secures cloud-native applications through all stages of the development process. Palo Alto Networks provides more information about the platform, use cases, environments, and other resources like DevSectalks.
- To review the benefits of Prisma Cloud, visit the Berkeley Information Security Office.
- Crowdstrike Falcon Cloud is a cloud-native endpoint protection program designed to help protect endpoints, including desktops and laptops, servers, and virtual machines. You can read more about Cloudstrike Falcon here.
- Orca uses an agentless approach, meaning it doesn't require the installation of additional software on systems. Orca scans cloud workloads and identities, and provides visual graphs of potential attack paths.
- Checkpoint Cloudguard uses rules and queries written in a unique, human-readable syntax called Governance Specification Language.
- Netskope Cloud Security Platform is a CSPM tool with a unique focus on data security and data loss prevention.
- Gartner provides reviews and information and the various CSPMs.

Key takeaways

These resources are just the start. There are many CPSM tools and resources that are continually being updated. Keeping up with this information will help you on your journey as a cloud security professional.