

Week 7: Cloud Vulnerability Scanning

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Task- 1) Scan cloud instances using free scanners.

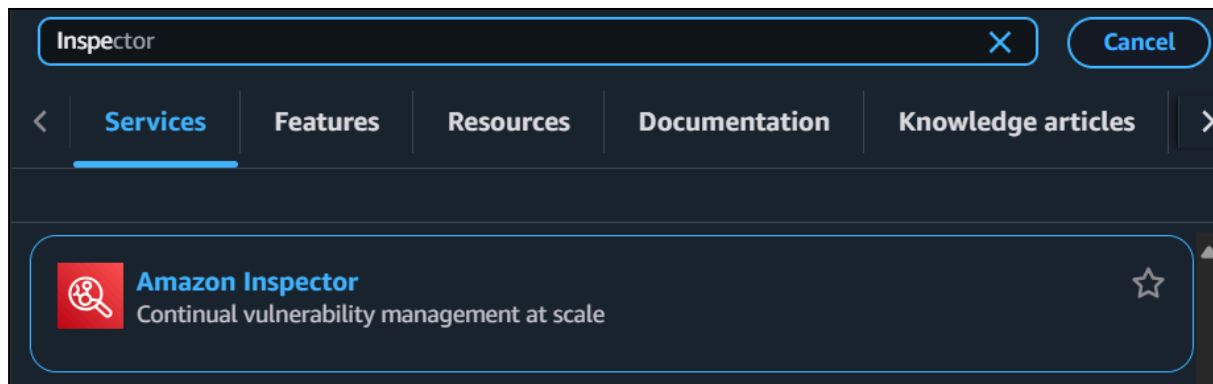
2) Identify vulnerabilities.

3) Document remediation steps.

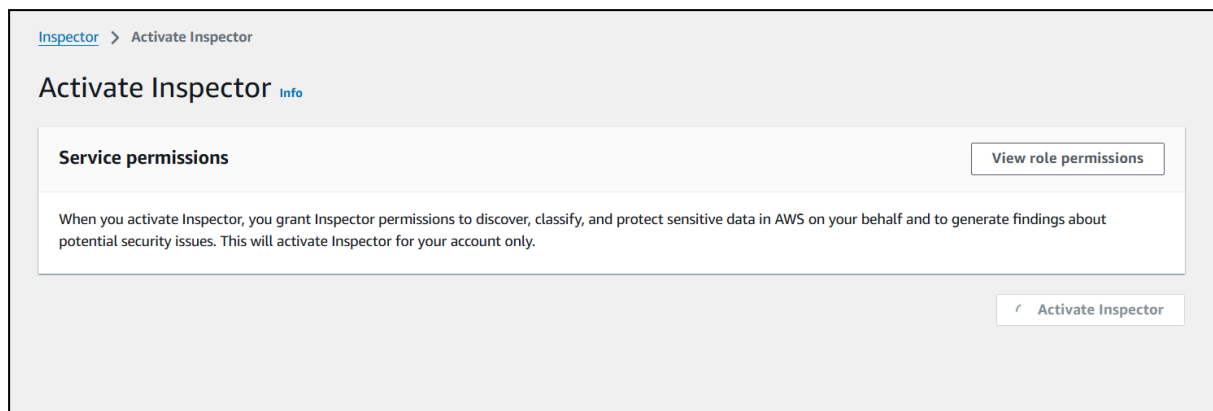
Task 1- Scan Cloud Instances using AWS Inspector.

1) Log in to AWS Console. Go to <https://aws.amazon.com>, sign in to the AWS Management Console.

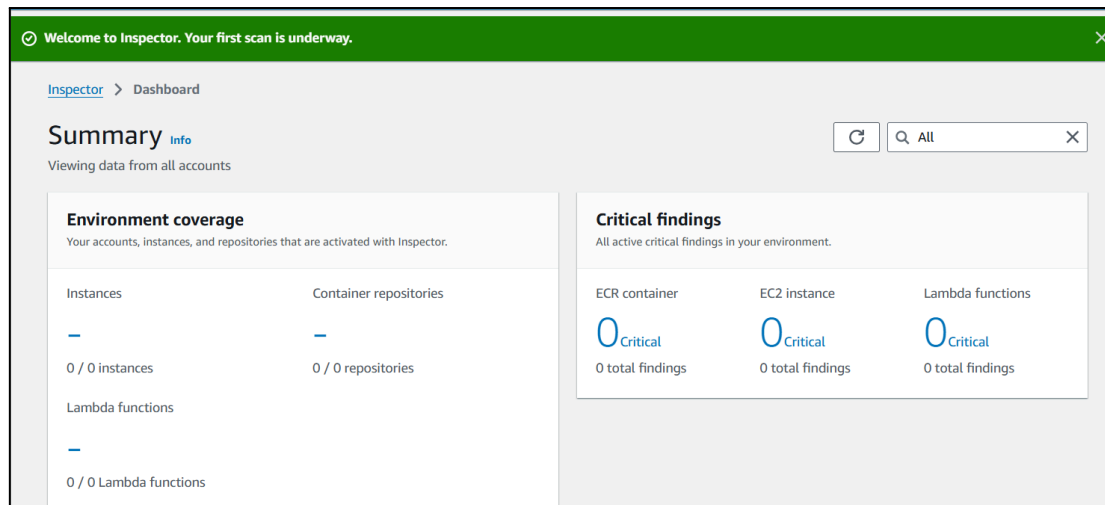
2) In the Search bar, type **Inspector** and open the **Amazon Inspector**.



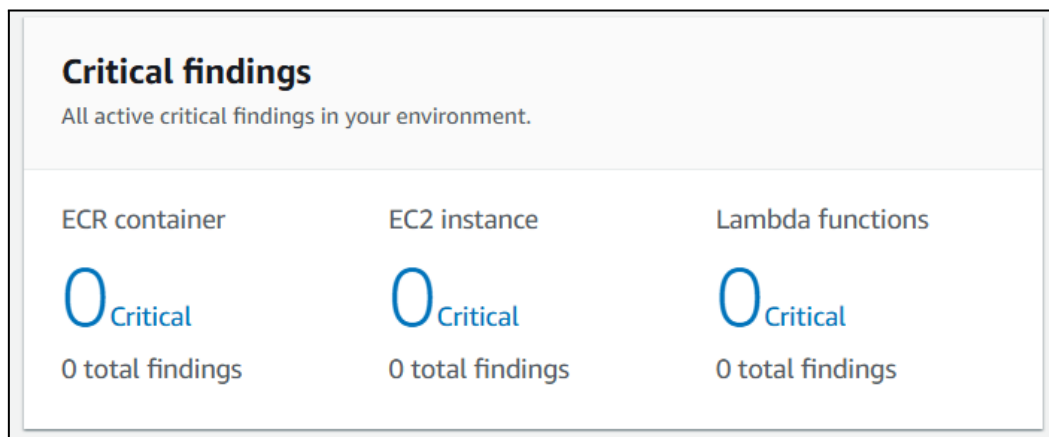
3) Click **Enable Amazon Inspector**.



4) Amazon Inspector automatically discovers all running EC2 instances and container workloads in the account.



5) The service runs security scans against known vulnerability databases (CVE) and AWS best practices.



Task 2- Identify Vulnerabilities.

- 1) Navigate to the **Findings** section in Amazon Inspector.
- 2) Filter by **Severity** (Critical / High / Medium / Low).
- 3) Example findings:

