



Wipro's Container & Microservices Security (CnMS)

A comprehensive strategy for container security

Container and Microservices adoption creates security challenges

Cloud container platforms are helping modern enterprises simplify application deployments. Containers in cloud native platforms are growing at a rapid pace, creating security concerns and posing unique challenges.

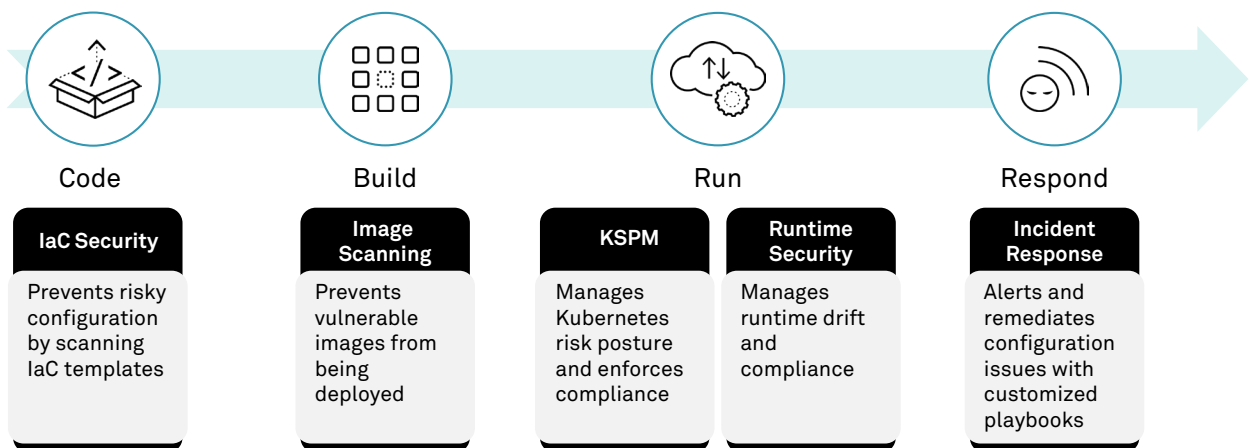
- Containers are transitory and leave no trace, which results in increased operation complexity for security incident traceability.
- Cloud native platforms are unable to provide granular visibility into security threats and risks associated with containerized environments.
- Impaired visibility of clusters, pods, and namespaces makes it difficult to track the container environment's security posture.

- 87% of container images running in production have a critical or high severity vulnerability*
- 83% of containers running as root, allowing for privileged containers to potentially be compromised*

Wipro offers a complete container lifecycle security

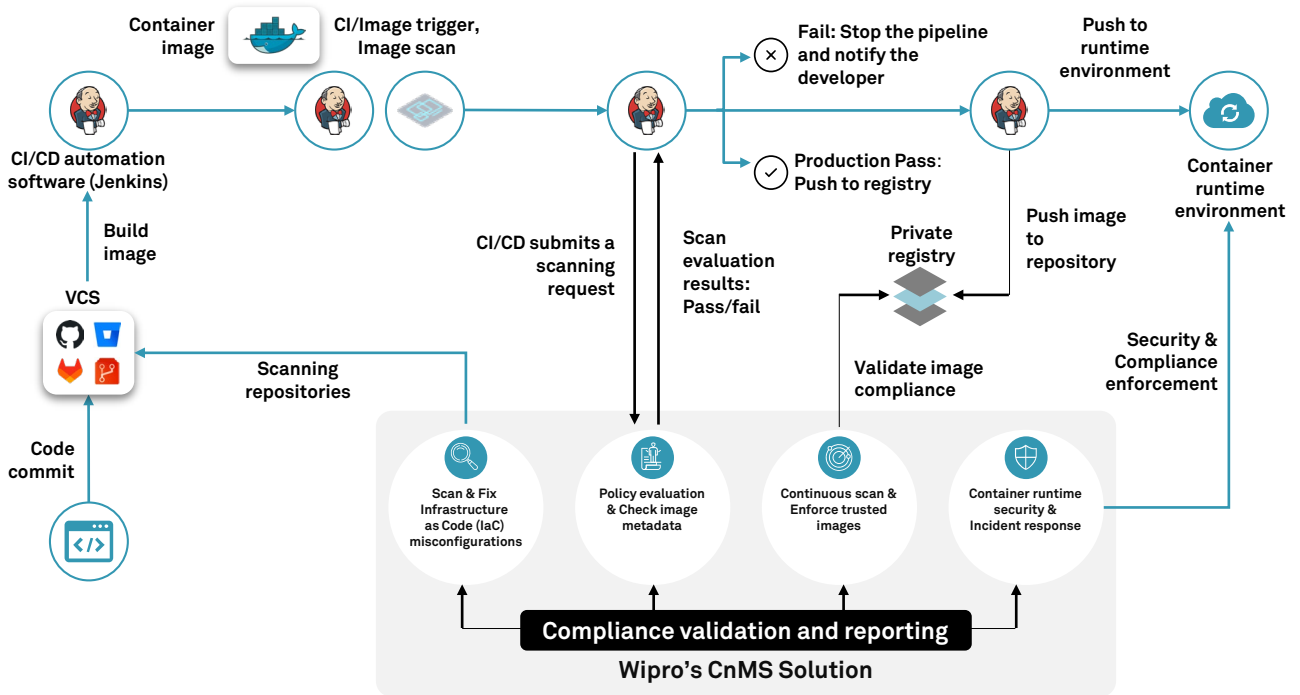
A complete strategy for container security must cover the life cycle of container—from creation to production and back to development for updates and modifications. Wipro's Container and Microservices Security (CnMS) solution secures all critical aspects of a containerized environment, including host-cluster configurations, image scanning, IaC scanning, network segmentation, compliance, and more.

Wipro's CnMS solution is aligned with the "Secure by Design" principle to enhance security throughout the container lifecycle (Code to Run) and increase runtime protection for the containers in a static and dynamic environment. This solution offers intelligent integration with a variety of alerting and monitoring tools, enabling faster response to security incidents. Wipro's CnMS offers a comprehensive framework covering a complete stack of container security using a platform-agnostic approach.



* [Sysdig 2023 Cloud Native Security and Usage Report](#)

A common application of Wipro's CnMS in a production environment



Wipro's CnMS key differentiators

- Provides an end-to-end solution stack from container security **assessment to protection**
- Offers **granular visibility** to define risk posture for the applications running in containerized environment
- Provides **risk-based insights** by identifying gaps and threats
- Supports security compliance controls, including NIST (SP 800-190), PCI-DSS, HIPAA, and more
- Employs pre-defined use cases against threats, benchmarks, and regulatory standards for containers running in different cloud native platforms

Connect with us to get started

To learn how Wipro can help your organization secure a containerized workload environment, please contact us at: www.wipro.com/cybersecurity-experts/



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