



Enhancing Security and Compliance for Games24x7 with Nirmata

Discover how India's leading online gaming company achieves continuous compliance and robust security for its Kubernetes environments with Nirmata Policy Manager, the Unified Governance Platform.

Overview

Games24x7, a pioneering online gaming company in India with 100 million+ users, is renowned for its popular platforms like RummyCircle and My11Circle. Leveraging advanced AI and ML technologies, the company provides an exceptional gaming experience to over 100 million users. As a leader in the dynamic and rapidly evolving gaming industry, Games24x7 continuously faces significant security and compliance challenges. To address these, the company adopted Nirmata's cloud-native security and compliance solutions for Kubernetes, ensuring a secure and agile environment for its operations.

KEY TAKEAWAYS:

Nirmata automated security and compliance with policy-as-code, offering a solution to the challenges Games24x7 faced due to its rapid growth and complex infrastructure.

1. Achieved continuous compliance through codified policies and centralized governance
2. Mitigated vulnerabilities to reduce security breaches
3. Streamlined operations to increase efficiency of IT and security teams
4. Lowered operational costs by preventing security incidents and minimizing the need for manual interventions



Opportunity

Games24x7's rapid growth and complex infrastructure posed substantial security and compliance challenges. As a digital-native business with hybrid workloads, the company needed a solution that could handle continuous monitoring and compliance in a highly dynamic environment. Traditional policy governance methods were inadequate, prompting Games24x7 to seek an innovative approach that could provide developer self-service while ensuring robust security.

Challenges

- Dynamic threat vectors and constantly changing environments in the gaming domain.
- Need for continuous monitoring and compliance due to the agility and ephemeral nature of workloads.
- Requirement for policy-as-code solutions to manage security policies effectively.
- Existing solutions were too complex, inflexible, and difficult to manage.



Solution

Games24x7 turned to Nirmata for its unique ability to automate security and compliance with policy-as-code, tailored specifically for cloud-native applications. Nirmata's solutions provided a seamless and efficient way to manage security policies, offering ease of deployment and adoption.

- **Policy-as-Code:** Enabled Games24x7 to define and enforce security policies dynamically.
- **Continuous Monitoring:** Provided real-time discovery and resolution of misconfigurations.
- **Centralized Governance:** Streamlined policy governance and compliance across all environments.

Implementation

The onboarding process for Nirmata was straightforward and quick, taking less than two hours for setup and a few hours for training. Games24x7, which was already using AWS, required a solution that could enforce Amazon EKS best practices. Nirmata's well-documented and supported onboarding process facilitated a smooth transition. The solution's ease of use and the technical support from Nirmata's team played a crucial role in the successful implementation, ensuring compliance with Amazon EKS standards and enhancing the overall security posture.

Outcome

The deployment of Nirmata's solutions brought significant improvements to Games24x7's security posture:

- **Continuous Compliance:** Achieved through codified policies and centralized governance. This reduced the risk of non-compliance penalties and enhanced overall trustworthiness for Games24x7.
- **Enhanced Security:** Continuous monitoring led to quick discovery and mitigation of vulnerabilities, significantly reducing the likelihood of security breaches for Games24x7.
- **Operational Efficiency:** Easy deployment and adoption of Nirmata's solutions reduced operational complexity. Streamlined operations allowed Games24x7's IT and security teams to focus on strategic initiatives rather than managing complex security systems.
- **Cost Savings:** Early detection of misconfigurations and non-compliant resources resulted in substantial cost savings. By preventing costly security incidents and minimizing the need for extensive manual interventions, Games24x7 was able to lower operational costs.

Next Steps

Games24x7 is expanding its container-based infrastructure and aims for 100% container-based deployments. Nirmata's solutions will continue to support this transition, ensuring continuous compliance and security for containerized workloads. Additionally, Games24x7 is a design partner for Nirmata's new capabilities to scan infrastructure-as-code files in CI/CD pipelines. This collaboration will further enhance the company's security framework and maintain a secure and compliant gaming environment.

"It has been a great experience working with Nirmata. From the initial POC to the deployment and ongoing support, their team has been highly responsive and technically proficient. Nirmata's solutions have significantly improved our security posture, enabling us to provide a safe and compliant environment for our users. We highly recommend Nirmata for any organization looking to enhance their cloud-native security and compliance."

- **KULDEEP TOMAR** | CTO | Games24x7

About Games24x7

Founded in 2006 by NYU-trained economists Bhavin Pandya and Trivikraman Thampy, Games24x7 is a leading online gaming company headquartered in India. With a strong portfolio of skill games and a commitment to leveraging behavioral science, technology, and AI, Games24x7 continues to deliver an exceptional gaming experience across its platforms. The company is backed by marquee investors, including Tiger Global, The Raine Group, and Malabar Investment Advisors, with offices in Mumbai, Bengaluru, and New Delhi.

By adopting Nirmata's innovative security and compliance solutions, Games24x7 has reinforced its commitment to providing a secure and enjoyable gaming experience for its vast user base.

About Nirmata

Founded in 2013, Nirmata enables organizations to succeed with Kubernetes and cloud native environments, from build to run, using native policies to govern security, operations, and costs across clusters.

In 2020, Nirmata created and donated the open source policy engine Kyverno to the Cloud Native Computing Foundation (CNCF). And in 2022, Kyverno graduated from the CNCF Sandbox to Incubator in less than 18 months.

With more than 2 billion downloads and over 4K GitHub stars, Kyverno has become the de facto standard in Kubernetes policy management.

Nirmata is a Kubernetes-certified Solution and Solution Provider building upon their open source software with enterprise-ready commercial offerings and support.



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