



Pager Rotation Duties in DevOps

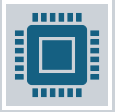
Best Practices for Pager Rotation Duties

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What is Pager Rotation?



A DevOps practice where developers take turns being on-call to address software and system issues



Helps teams prevent recurring issues that could last from days to years



Provides valuable feedback on how upstream coding and design decisions impact production



Ensures operations teams do not bear the full burden of production-related code issues

Importance of Pager Rotation



Developers gain first-hand insight into real-world application issues



Encourages collaboration between development and operations teams



Balances fixing problems with time allocation for new feature development



Market-oriented teams benefit by ensuring a seamless production experience



Responsibilities During Pager Rotation



On-call engineers must respond immediately to software/system issues

If an issue cannot be resolved, it should be escalated to a more experienced team member

Ensuring 24/7 availability helps maintain system reliability and user satisfaction

Developers learn how customers interact with their product and can improve user experience



Challenges



Alert Fatigue - Overwhelming notifications can lead to burnout

Work-Life Balance Issues - Being on-call outside regular hours can be exhausting

Lack of Real-Time Progress Visibility - Management may not immediately see feature completion as teams focus on stability first

Handback Process - Some companies (e.g., Google) have structured ways to return unresolved issues to developers while maintaining fairness.



Best Practices



PagerDuty Recommendations

- Rotate on-call duties across the team to avoid fatigue
- Escalate issues when necessary to ensure quick resolution
- Ensure reliable coverage so critical issues are always addressed

Incident.io Recommendations

- Automate scheduling with software tools
- Clearly define team responsibilities
- Set up escalation policies with defined time limits
- Allow shift coverage flexibility to maintain work-life balance

Preventing Burnout and Improving Efficiency



Distribute on-call responsibilities among multiple engineers.



Ensure transparent communication within the team.



Use automation for scheduling and alerts.



Maintain proactive monitoring to prevent issues before they escalate



Encourage post-incident analysis to improve future responses

You Build It, You Maintain It"



Emphasize accountability



Developers should follow their work into production

Gain direct insights into user issues

Improve coding and architecture decisions

Ensure a seamless experience for end users



Help create a culture of shared responsibility between development and operations teams



Conclusion



Pager rotation is essential for system reliability and developer accountability

Best practices help prevent burnout and maintain efficiency

Organizations must balance reliability, transparency, and work-life harmony to create sustainable on-call policies

Investing in structured rotation policies ensures long-term DevOps success

References

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