

KENDALL TAYLOR; DEVOPS; MODULE 7.2 ASSIGNMENT

WHAT IS PAGER ROTATION DUTIES?

- A system where people from a team take turns being "on-call" to respond to urgent alerts or issues outside of regular working hours.
- Assigning pager rotation duties can assure that here is 24/7 availability for a company's services
- It is essential that companies follow best practices and create a steady rotation schedule to balance employee work life and ensure that someone is readily available should any problems arise.

BEST PRACTICES:

Equality and Balance

- Ensure that employees on-call schedule is balanced and avoids potential burnout.
- The goal is to place people on-call frequently enough to have the knowledge and experience on how things run, but not too frequently where they become overwhelmed.
- Management should consider and gain feedback:
 - Skills
 - Availability
 - Seniority

BEST PRACTICES (CONT):

Communication and Transparency

- Ensure that employees have the proper support if they run into issues that they are unable to fix.
- Establish strong communication and trust methods to ensure that every issue can be resolved.
- Create clear protocols and steps for escalation issues. The on-call person should be comfortable to reach out to others, should they not know how to fix a problem.

BEST PRACTICES (CONT):

Training

- Shadow Shifts: Pair newer team members with someone who is more experienced. Ensure that they are comfortable with protocols and systems before leaving them to handle things independently.
- Utilizing shadow shifts can provide training and create stronger relationships between team members.
- Ensure that less experienced members are not expected to handle issues that they are not yet comfortable with.

BEST PRACTICES (CONT):

Rotation Types:

- Find a rotation type that works best for the team.
- Consider different locations and time zones.
- Examples of Rotation Types:
 - Bi-Weekly: On-call is rotated between team members every other week
 - Week and Weekends: A set of team members handles the on-call during the week, while another set handles the on-call during the weekend.
 - Follow-the-sun: This type of rotation is used for remote teams that work together from different geographical locations. It bases the on-call schedules on these locations.

COLLABORATION SOFTWARE

- A good option to help create a stronger team communication and collaboration is to implement collaboration tools and software.
- These tools can help teams to contact each other or add other members to important alerts:
 - Slack:
 - Real time communication
 - Scalablity
 - Integration (with GitHub, Jira, Trello
 - File sharing
 - Microsoft Teams:
 - Allows teams to communicate in real time
 - Video conferencing and calls
 - File and task sharing
 - Data Encryption

RESOURCES

Incident.io. (2024, February 26). Best practices for creating a reliable on-call rotation. incident.io – Incident management that brings calm to chaos. https://incident.io/hubs/on-call/on-call-rotation-best-practices

GeeksforGeeks. (2025, January 21). 8 best collaboration tools for software development. https://www.geeksforgeeks.org/best-collaboration-tools-for-software-development/