

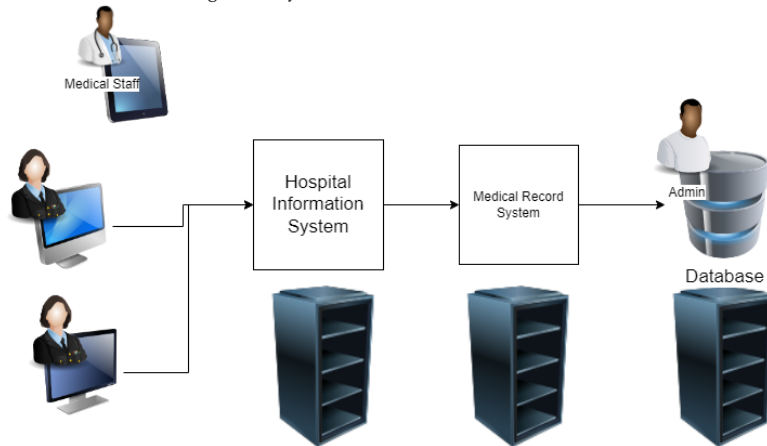


MAY 2, 2023

DevOps Classroomnotes 02/May/2023

Hospital Management System – Needs W.r.t Application Stability

- The architecture of management System is as follows



- Your organization qtinfosystems is maintaining this system for 100 hospitals
- Now let's try to figure out some failures
 - Network failures
 - Hardware failures
 - Application failures
- You are assigned to figure out failures. To solve these issues we will figure out a pro-active approach
 - For every 1 minute
 - check if every server is responding or not
 - Check if application is responding or not
 - Alert if the servers/applications are not responding
- Log is a record which specifies some activity done
 - Operating systems have logs, we might need to finetune it
 - Windows => event viewer
 - Linux => Syslog
 - Applications also log, try to understand about failure from there
- Tracing is an approach to figure out the flow in your system
- Every system has resource utilization information
 - cpu
 - memory
 - disk
 - network
- Metrics are values which represent some information about system/application with value as number with time dimension
- QT Info System needs a Monitoring Solution.
- Observability is what QT Info System needs i.e. they need to get
 - logs
 - metrics
 - traces
- MTTR (Mean Time To Recover) this refers to average time taken by your organization to recover from failures.
- MTTF (Mean Time To Fail): This refers to average time during the certain to get an failure in your system
- SLA (Service Level Agreement): This is an agreement between service provider and customer w.r.t to availability and other important metrics

Leave a Reply

Enter your comment here...

This site uses Akismet to reduce spam. [Learn how your comment data is processed.](#)



About continuous learner

devops & cloud enthusiastic learner

[VIEW ALL POSTS](#)

◀ [PREVIOUS POST](#)

[Azure Classroomnotes 02/May/2023](#)

[NEXT POST](#)

[AWS Classroomnotes 02/May/2023](#)

POWERED BY [WORDPRESS.COM](#).