

ORACLE PEOPLESOFT ON-PREM ERP SYSTEMS' COMPREHENSIVE MONITORING PLAN

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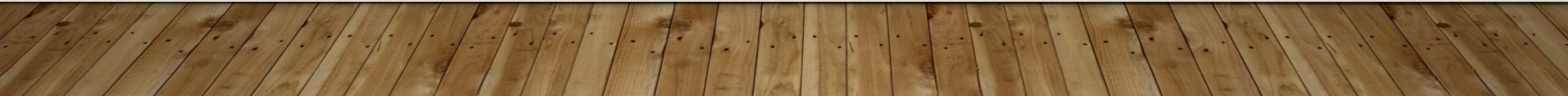


TABLE OF CONTENTS

1. Why Monitoring?
2. Types of Monitoring required
3. Architecture
4. Tech Stack
5. Conclusion.

WHY MONITORING?

- Minimize downtime.
- Troubleshoot performance issues
- Optimize infrastructure use.
- Forecast issues and plan accordingly.
- Keep a track of end-user transactions.

TYPES OF MONITORING

1. Health & Performance monitoring.
2. End user experience monitoring
3. Application Security monitoring.
4. Data Base Monitoring.



HEALTH & PERFORMANCE MONITORING

tracks the availability, performance, and resource utilization of hosts, containers, and other backend components in a tech stack to analyze if any backend issues are impacting users.

Why?

- To ensure 24*7 availability of the application.
- Helps to meet the SLAs.
- Improve the application Uptime.

END USER EXPERIENCE MONITORING (EUEM)

enables teams to monitor the impact of application and device performance from the end user's point of view.

Why?

- To know how their application network services are performing for their end users.
- To address performance issues quickly.
- Track critical end user transactions.

APPLICATION SECURITY MONITORING (ASM)

enables to achieve visibility and leverage security intelligence of the application.

Why?

- to detect cyber threats and vulnerabilities in real-time.
- Early threat detection and Proactive response.
- More effective risk management.
- Continuous compliance

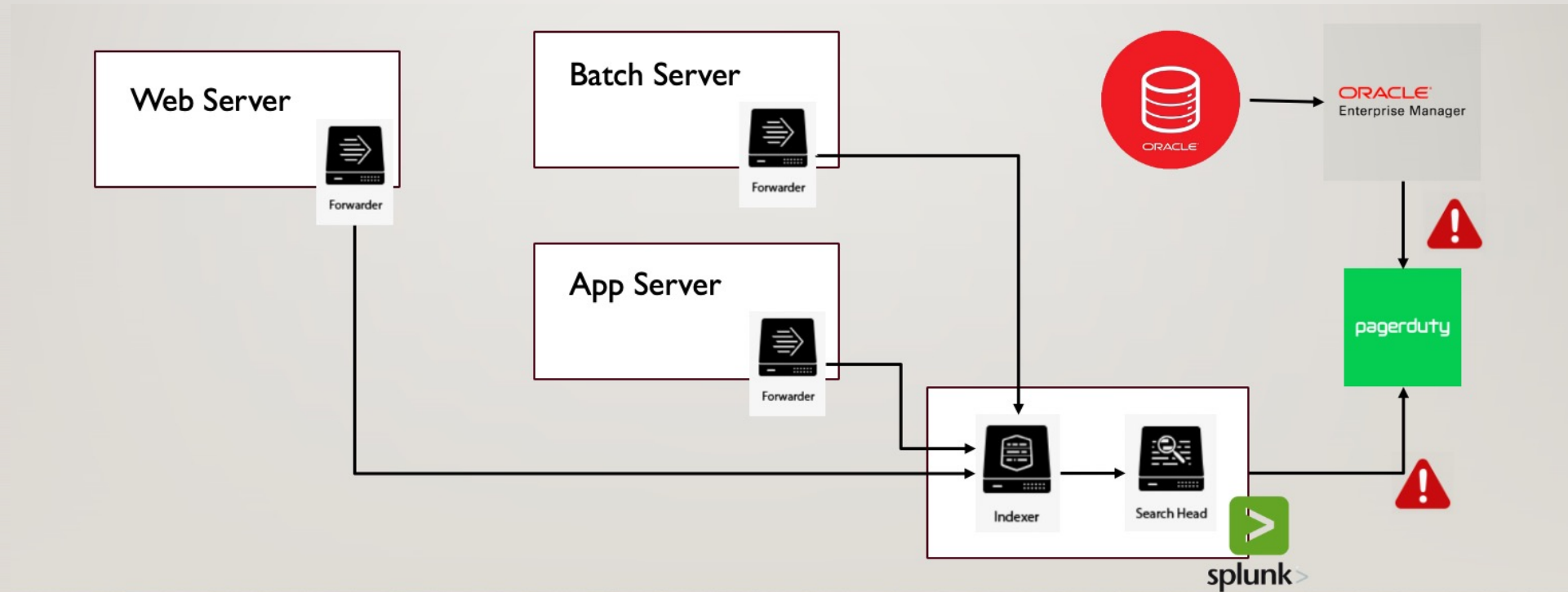
DATA BASE MONITORING

Monitor the health and performance of your database and perform database administration tasks such as storage management, and schema management tasks such as creating database objects.

Why?

- help identify performance issues proactively and find optimization opportunities.
- can help database administrators tune the database for improved performance and responsiveness.
- To avoid system outages due to database shutdown.

ARCHITECTURE



TECH STACK

Splunk

We can use Splunk for Health, Performance, End User Experience and Application Security Monitoring.

- Splunk has three main components: the forwarder, the indexer, and the search head.
- Splunk IT Service Intelligence ([ITSI](#)) modules.



Oracle Enterprise Manager (EM)

We can use Oracle Enterprise Manager (EM) to manage and monitor the database.

To setup the DB monitoring using Oracle EM, perform these high-level tasks:

- Configure connectivity between your Enterprise Manager deployment and the Oracle Exadata Database.
- Use the Enterprise Manager console, CLI or REST API to discover the database and add it as a target.



Pagerduty

Incident Management Tool

- It can be integrated with Splunk and OEM to setup dynamic alerting with on-call schedules to meet the promised SLAs and better production management.





CONCLUSIONS



THANK YOU
