
Key Performance Indicators for Infrastructure Engineer:

1. System Availability and Reliability

- **Infrastructure Uptime:** Percentage of time infrastructure services are available.
- **Mean Time Between Failures (MTBF):** Average time between infrastructure failures.
- **Mean Time to Repair (MTTR):** Average time taken to restore services after a failure.

2. Performance and Scalability

- **Response Time:** Average time taken to respond to user requests.
- **Resource Utilization:** Percentage of resource utilization (CPU, memory, storage).
- **Scalability:** Ability to handle increased workload or traffic without degradation in performance.

3. Security and Compliance

- **Security Incidents:** Number of security incidents detected and resolved.
- **Compliance Adherence:** Compliance with industry standards and regulations (e.g., GDPR, HIPAA).
- **Vulnerability Management:** Timeliness and effectiveness of vulnerability identification and mitigation.

4. Efficiency and Cost Management

- **Resource Optimization:** Identification and elimination of resource wastage.
- **Cost Reduction Initiatives:** Implementation of measures to reduce infrastructure costs.
- **Return on Investment (ROI):** Effectiveness of infrastructure investments in achieving business objectives.

5. Automation and Efficiency

- **Automation Rate:** Percentage of manual tasks automated.
- **Scripting Efficiency:** Time saved through effective scripting and automation.



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- **Deployment Time:** Time taken to deploy new infrastructure or updates

6. Collaboration and Communication

- **Team Collaboration:** Collaboration with other teams (e.g., development, operations).
- **Stakeholder Communication:** Effectiveness in communicating with stakeholders about infrastructure changes or issues.
- **Documentation Quality:** Quality and completeness of infrastructure documentation.