

STREAMLINING SAP BASIS OPERATIONS TO IMPROVE BUSINESS CONTINUITY IN MODERN ENTERPRISES

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ABSTRACT

In the fast-paced digital landscape, ensuring seamless business continuity has become a critical priority for modern enterprises. SAP Basis, as the foundation of SAP systems, plays a pivotal role in maintaining the operational efficiency, reliability, and availability of enterprise applications. However, traditional SAP Basis operations often face challenges such as resource-intensive processes, complex system landscapes, and limited agility in responding to dynamic business demands. This paper explores strategies to streamline SAP Basis operations to enhance business continuity and drive organizational resilience.

By leveraging automation, proactive monitoring, and cloud-based solutions, enterprises can optimize routine SAP Basis tasks such as system administration, performance tuning, and patch management. Integrating Artificial Intelligence (AI) and Machine Learning (ML) into monitoring frameworks further empowers predictive analysis, reducing downtime and enabling rapid issue resolution. The paper also highlights the significance of implementing DevOps principles to foster collaboration between development and operations teams, thereby expediting system updates and minimizing disruptions.

Additionally, adopting disaster recovery (DR) solutions tailored to SAP environments ensures robust data protection and quick recovery in case of failures. Real-world case studies illustrate the tangible benefits of these streamlined operations, such as cost savings, improved system uptime, and enhanced scalability. Ultimately, the research emphasizes that modernizing SAP Basis practices is not merely a technical upgrade but a strategic imperative for sustaining competitive advantage and ensuring uninterrupted business operations in the digital era.

KEYWORDS: *SAP Basis, Business Continuity, Automation, Predictive Monitoring, Cloud Solutions, Artificial Intelligence, Machine Learning, DevOps, Disaster Recovery, Operational Efficiency*

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