SIMPLIFYING SAP ERP DEPLOYMENT ON PUBLIC CLOUDS WITH KUMORAI

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INTRODUCTION:

Efficient and Secure Deployments for Your Cloud Operations

As organizations continue to adopt cloud-based solutions, the deployment of SAP ERP on public clouds such as AWS, Azure, and GCP has become increasingly important as SAP ERP is one of the most common application architectures being used. However, deploying SAP ERP on public clouds can present numerous challenges, including manual deployment processes, complex cloud configuration, migration operations, managing intercloud connectivity, version management, and ensuring security and compliance.

Kumorai provides a comprehensive solution to these challenges by offering a No Code Blueprint Designer and a marketplace of pre-configured blueprints. It helps organizations optimize their SAP ERP deployments by streamlining the deployment process, providing intercloud connectivity, automating governance, and ensuring security and compliance.

BACKGROUND:

The Need for Streamlined Deployment in Cloud Operations

SAP ERP is modular software made to integrate the main functions of an organization's core business processes into a unified system. As more businesses adopt cloud-based solutions, the deployment and migration of SAP ERP has become an increasingly critical component of their IT operations and there is a need to migrate or scale existing SAP infrastructure to multi-cloud including its Network, Security and Connectivity quickly and cost effectively.

CHALLENGES:

The Challenges of Deploying SAP ERP on Public Clouds

The deployment of SAP ERP on public clouds presents several challenges for organizations, including:

- Manual deployment processes leading to dependency on scarce resources with relevant expertise
- Complex migration operations leading to increased downtime
- Lack of centralized inventory resulting in poor tracking and troubleshooting
- Managing complex intercloud connectivity configuration while maintaining security and compliance
- Lack of version management of configuration leading to slow rollback and longer downtime
- Lack of standardization or automation leading to inefficiencies and increased costs

These challenges pose significant roadblocks in achieving efficient and secure deployment of SAP ERP on public clouds. The need for a comprehensive solution that can streamline the deployment process while ensuring security and compliance has become imperative for organizations.

SOLUTION:

Kumorai: The Comprehensive Solution for SAP ERP Deployment

Kumorai is a cloud infrastructure management platform which helps to streamline the deployment process of SAP ERP on public clouds. With its powerful features, Kumorai offers the following solutions to address the challenges faced by organizations:

No Code Blueprint Designer:

Kumorai's blueprint designer allows users to easily design and deploy SAP ERP with a simple, drag-and-drop interface, eliminating the need for manual deployment processes and reducing the learning curve, as the designer guides you to follow cloud hierarchy and rules.

Intercloud Connectivity:

Kumorai provides seamless intercloud connectivity, allowing organizations to connect their infrastructure across different regions or public clouds and manage them from a single platform.

Version Management:

Kumorai ensures that the right versions of app network and security infrastructure configuration are deployed, and tracks changes to ensure compliance and security, also assist operation with rollback to avoid downtime

Automated Governance:

The platform continuously monitors cloud configuration for any unintentional changes. Once it detects, it will alert and allow users to remediate the changes, solving the problem of Shadow IT.

Kumorai Marketplace:

Kumorai provides a marketplace of pre-configured blueprints (tried & tested), offering customers a ready-to-use solution for various use cases, in this case customers can rapidly deploy SAP ERP.
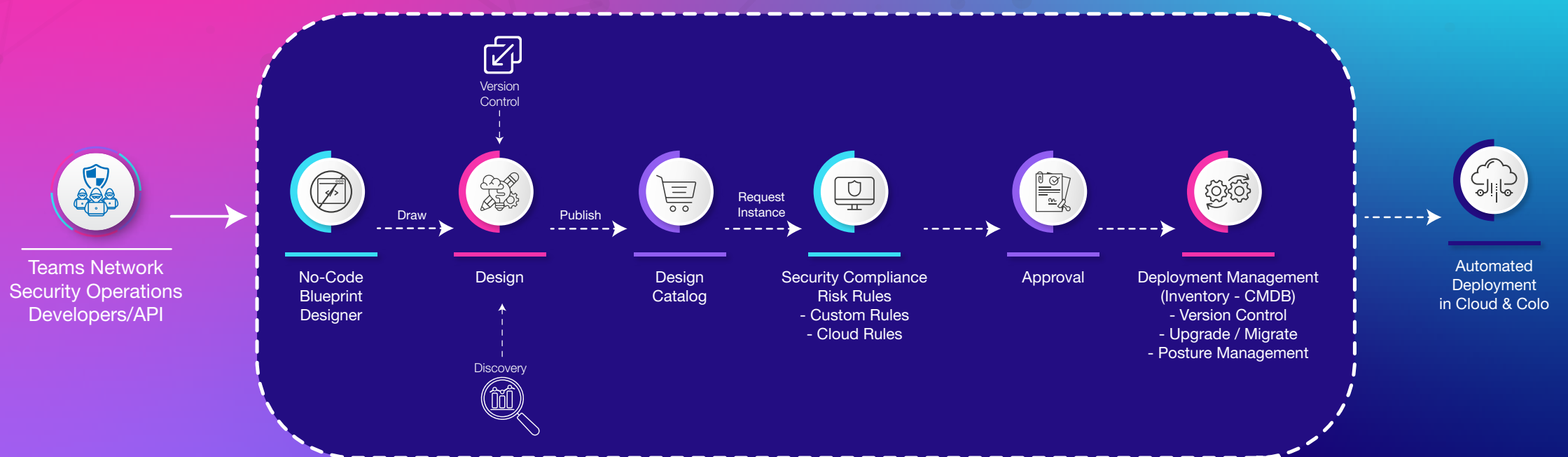
Security and Compliance:

The platform provides a robust security and compliance framework. Any configuration changes to the cloud go through a rigorous check against the custom compliance rules database this allows users to easily enforce policies like HIPAA, PCI-DSS, etc.

In conclusion, Kumorai offers a comprehensive solution for managing SAP ERP deployment on public clouds, providing a no-code blueprint designer, intercloud connectivity, version management, automated governance, security, and compliance, and much more, making it the ideal choice for organizations looking to streamline their cloud operations.

PROCESS DIAGRAM:

Deploying Cloud Infrastructure with **Kumorai**

Teams Network
Security Operations
Developers/API

No-Code Blueprint Designer — Draw → Design — Publish → Design Catalog — Request Instance → Security Compliance Risk Rules - Custom Rules - Cloud Rules → Approval → Deployment Management (Inventory - CMDB) - Version Control - Upgrade / Migrate - Posture Management → Automated Deployment in Cloud & Colo

Version Control

Discovery

CONCLUSION:

In conclusion, deploying SAP ERP on public cloud providers like AWS, Azure, and GCP can present numerous challenges for organizations. However, with Kumorai, these challenges can be effectively addressed. The platform provides a comprehensive solution for managing SAP ERP deployment, offering a No Code Blueprint Designer, a marketplace of pre-configured blueprints, intercloud connectivity, automated governance, security, and compliance. By streamlining the deployment process, Kumorai offers organizations the ability to focus on their business-critical processes and reduce the burden of manual deployment and complex migration operations. The benefits of using Kumorai include reduced time and resources spent on deployment, improved efficiency and scalability, and increased security and compliance for cloud infrastructure.