Objective

Deploying infrastructure in AWS for SAP Business One and Automate deployment of SAP Business One with MS SQL & HANA database for development and production environments.

Scope

- Review existing automation and identify gaps
- Setup CI/CD pipeline for deploying Business one with MSSQL & HANA database using Jenkins.
- Setting up Jenkins job to spin up dev environments for SAP B1 with MS SQL and HANA database.
- Enable developer self-sufficient through Jenkins job.
- Setting up compatibility matrix through Jenkins job to support various versions of SAP B1
- VM customizations different SAP Business One versions.
- Document deployment process, administration & Troubleshooting guide.
- Document automation workflows
- RBAC based control

Challenges

- Design Scalable CI/CD design.
- Tools standardization
- Learning curve for SAP B1 deployment process
- No existing documentation
- Working with Client in different time zones

Benefits

- Speed & Agility- Provision in minutes versus weeks
- Streamline key processes: - Greater insight and decisions based on real time information.
- Flexible capacity planning: Eliminate guesswork on infrastructure capacity needs by provisioning only the amount of resources required.
- Reduced support tickets: Quickly deploy SAP solutions and reduce the total support tickets for Dev/Demo environments.
- Developer self-sufficient to deploy machines.

Key features

- Implementing CI/CD pipeline for SAP Business One.
- End to End business automation.
- Complete operational visibility and control
- Lower technology cost and quick time to value.

Technology

- EC2
- Terraform
- Jenkins
- Azure DevOps
- Saltstack
- OS: SLES, Windows Server editions

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