CD Self-Assessment details

Project Information:

Major Technology Stack	JAVA
Project Code	VPSSAVRM
Project SPOC	devaraj.damodharan@infosys.com
Project DM	chandrasekhar.g15
Project SQA	manikandan.d12
Unit	ADM
Project Overview	Online application supporting Account reps, Service Managers to plan and track Financial Scores, Cus Scores. The application also helps Tier-1 / Tier-2 folks to trouble shoot customer issues/ concern
Team Composition	Team consists of 15 member DEV / Testing folks, consisting of SME's / Tech Leads / and Developers.
Project Technology	java
Master Customer Code	VERIZMST
Customer Code	BELL ATL

Tools Information:

	Tools Used	Tools Recommended
Deployment Automation	Jenkins	
Release Automation	Jenkins	
Environment provisioning	NA	
Environment Configuration	Jenkins	
Redundancy/Backups/Disaster recovery	iPlanet	
Environment monitoring	App dynamics	
Log aggregation and analytics	Kibana	
Others		

CD Assessment Summary

S. No.	Phase	Selected rating	Reason for the rating
CD-0	**Deployment Automation**	Deployment automation solution extends till production; capability of only incremental deployments is achieved, Deployment dashboard integrated	
CD-1	**Release Automation**	End to end Release traceability, dashboard, continuous improvement, availability of release metrics fr team, advance release mgmt capabilities like blue green etc	
CD-2	**Environment provisioning**	Environment provisioning through scripts or tool but it is triggered manually	
CD-3	**Environment Configuration**	Configuration details are converted into infrastructure as code (IaaC) and these scripts are version controlled. Replication or update to the configuration is achieved through IaC.	
CD-4	**Redundancy/Backups/Disaster recovery**	Backup / recovery is also available for important pre-prod environments. Additional facilities like storing and recovering a snapshot of an environment for debugging purpose is available.	
CD-5	**Environment monitoring**	Alerts are configured in monitoring tools for all required parameters for infrastructure, platform and application health. Dashboard is created for alerts or mechanism is established to share the alert related information. Stakeholders are notified for alerts.	
CD-6	**Log aggregation and analytics**	Implementation of log aggregation tools like Splunk, Elastic stack to collect logs at central location, effective searches and provide analysis of logs	

CD Assessment rating 4.32

CD Maturity Stage | Crawl | >> | Walk | >> | Run | >> | Sprint |