Garanti BBVA Teknoloji

# Automation Best Practices

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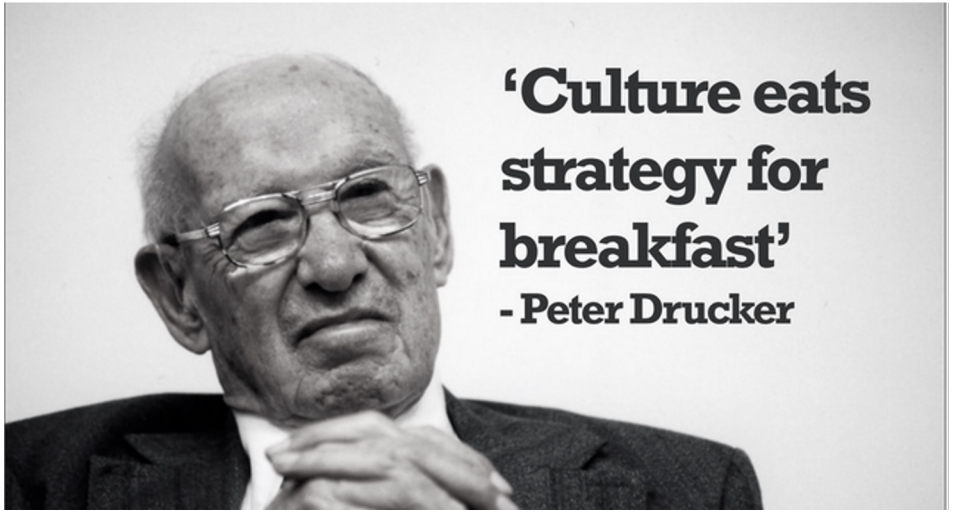
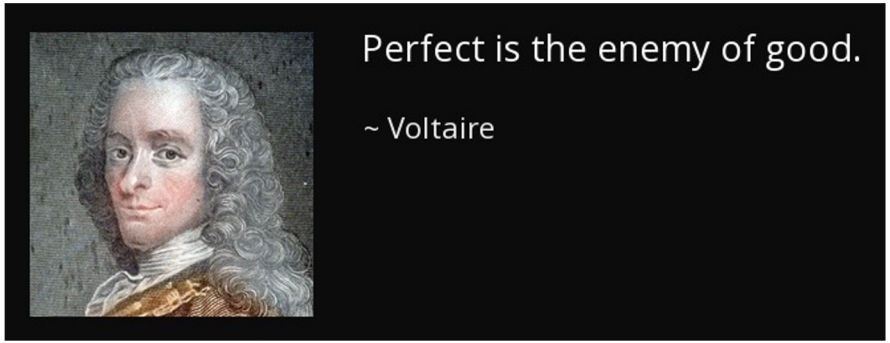
# Automation| Culture

- How to get the most out of it?
- Overcoming challenges and deciding where to start
- Realizing that automation is a necessity to create time to work on more valuable tasks



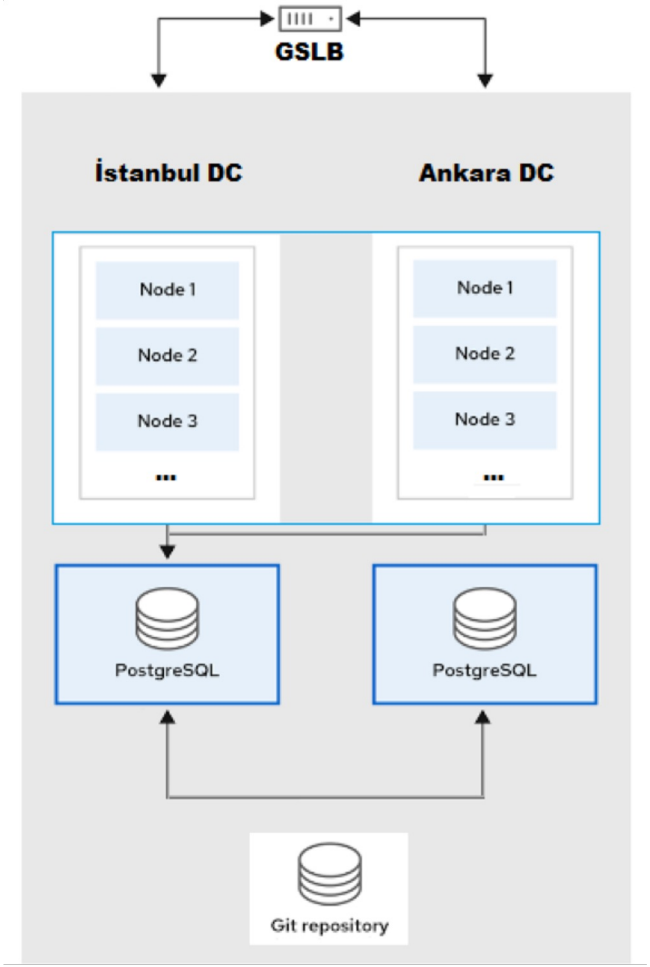
# Automation| Best Practices

- Good automation requires an understanding of the process
- Making value visible
- Training and certification
- Choosing the right solution
- Moving from automation to hyper-automation
- Being agile and allocating resources



# Automation| Design & Architecture

- Multi-Data Center Active & Active architecture
- Distributing traffic via GSLB
- Defining logical clusters to run jobs on geographical base
- Dynamic inventory based on service catalog
- Self-service design
- Local GIT repo integration
- CyberArk integration



# Automation| Solutions

- Day 2 Operations
- OpenShift Operations (Pod rollout, Reporting, IP reserving, Namespace creating, service account management etc.)
- Scheduled Operations (RHEL servers disk cleanup etc.)
- Running scripts via GIT repo
- Self-Service operations (jBoss Application Installation, Network Access Check, Application Restart etc.)
- Upgrading complex platforms
- RHEL server post provisioning (Agent Installation & Configuration, Joining to Domain etc.)
- Automating actions for service requests via integrating ticketing system with Ansible

# Automation| Solutions

- Self-Service package distributing platform
- Isolated Network Disaster Recovery Environment Operations (Starting RHEV & AIX & NetApp & OpenShift environments, Switching Oracle DB permissions, DNS changes, Application health checks etc.)
- Takasnet Applications DC Switching (Application, DB, Storage etc.)
- Dynatrace Alert Remediations (Disk cleanup, Application restart etc.)
- Compliance & Reporting platform (Standardization controls)

Thank you