
PeopleTech Service Offerings & Experience

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www.peopletech.com



People Tech Group A Quest Global Company



Technology Focus



Cloud and
Data Platforms



Enterprise
Software



Embedded
Systems



Industry Focus



Automotive



Hi-Tech



Healthcare



Government



Alliances



Cloud and Data



- Data, AI & ML
- Intelligent Analytics
- Cloud Services and Legacy Modernization
- IoT & Mobility

Enterprise Services



- ERP/CRM/SCM/PLM
- Implementation & Maintenance
- Systems Integration
- DevOps/SecOps/MLOps

Product Engineering



- Embedded Linux, RTOS, Hypervisor
- Human Machine Interface and Digital Cockpit
- Software Defined Vehicle
- Validation and Test Automation

17+
Years

2,000+
Employees

55%
women talent pool

50M+
cars using our
Infotainment software

150+
Tech-centric consulting
projects per fiscal year

People Tech is part of Quest Global,
a **20,000+** employee engineering
services company with offices worldwide

REDMOND | OLYMPIA | SANTA CLARA | PHILADELPHIA | DETROIT | HOUSTON | VANCOUVER | DUBAI | BANGALORE | HYDERABAD | CHENNAI | SINGAPORE



Migration of **PeopleSoft** to **AWS**

Benefits of Migrating PeopleSoft to AWS

Benefits of AWS for PeopleSoft



Performance & Scalability: Leveraging AWS for PeopleSoft delivers high performance and scalability.



Cost Savings: Reduce expenses by eliminating hardware and software purchases.



Enhanced Security: Utilize AWS's robust security features to safeguard your PeopleSoft environment.



Risk Reduction: AWS's reliability minimizes downtime and data loss risks.



Innovation: Accelerate PeopleSoft development and deployment with AWS's tools and services.



When migrating PeopleSoft applications to AWS, you will need to spin up the following:

Choosing the right AWS services for your PeopleSoft deployment



Amazon Elastic Compute Cloud (Amazon EC2) instances to host PeopleSoft applications.

Amazon Relational Database Service (Amazon RDS) for Oracle to host PeopleSoft database.

Amazon Elastic Load Balancing (Amazon ELB) to distribute traffic between your EC2 instances.

Amazon Virtual Private Cloud (Amazon VPC) to isolate PeopleSoft environment from the public internet.

- **EC2 Instances:** Virtual servers for PeopleSoft applications.
- **EBS Volumes:** Block storage for PeopleSoft data, attachable to EC2 instances.
- **RDS Instances:** Managed databases for PeopleSoft data.
- **VPC (Virtual Private Cloud):** Secure, isolated cloud environment.
- **Internet Gateway:** Enables EC2 instances to access the internet.
- **Route Table:** Defines traffic routing within your VPC.
- **Load balancers:** Load balancers distribute traffic across multiple EC2 instances to improve performance and reliability.
- **Security Group:** Firewall for EC2 instances, enhancing security.

In addition to these core resources, you may also need to spin up other AWS resources, such as:

- **S3 buckets:** S3 buckets are object storage containers that you can use to store files, such as PeopleSoft configuration files and log files.
- **CloudTrail:** CloudTrail is a logging service that you can use to track activity in your AWS account.
- **CloudWatch:** CloudWatch is a monitoring service that you can use to monitor the performance and health of your AWS resources.

Best practices for configuring AWS resources



IAM

- Least Privilege
- Audit IAM Policies
- Enable MFA

COST MGMT

- Implement Tagging
- Reserved Instances & Savings Plans
- Use AWS Cost Explorer

NETWORKING

- Implement VPC Best Practices
- Utilize AWS Direct connect or VPN

STORAGE

- Implement Data Lifecycle Policies
- Use EBS Snapshots

HA & FAULT TOLERANCE

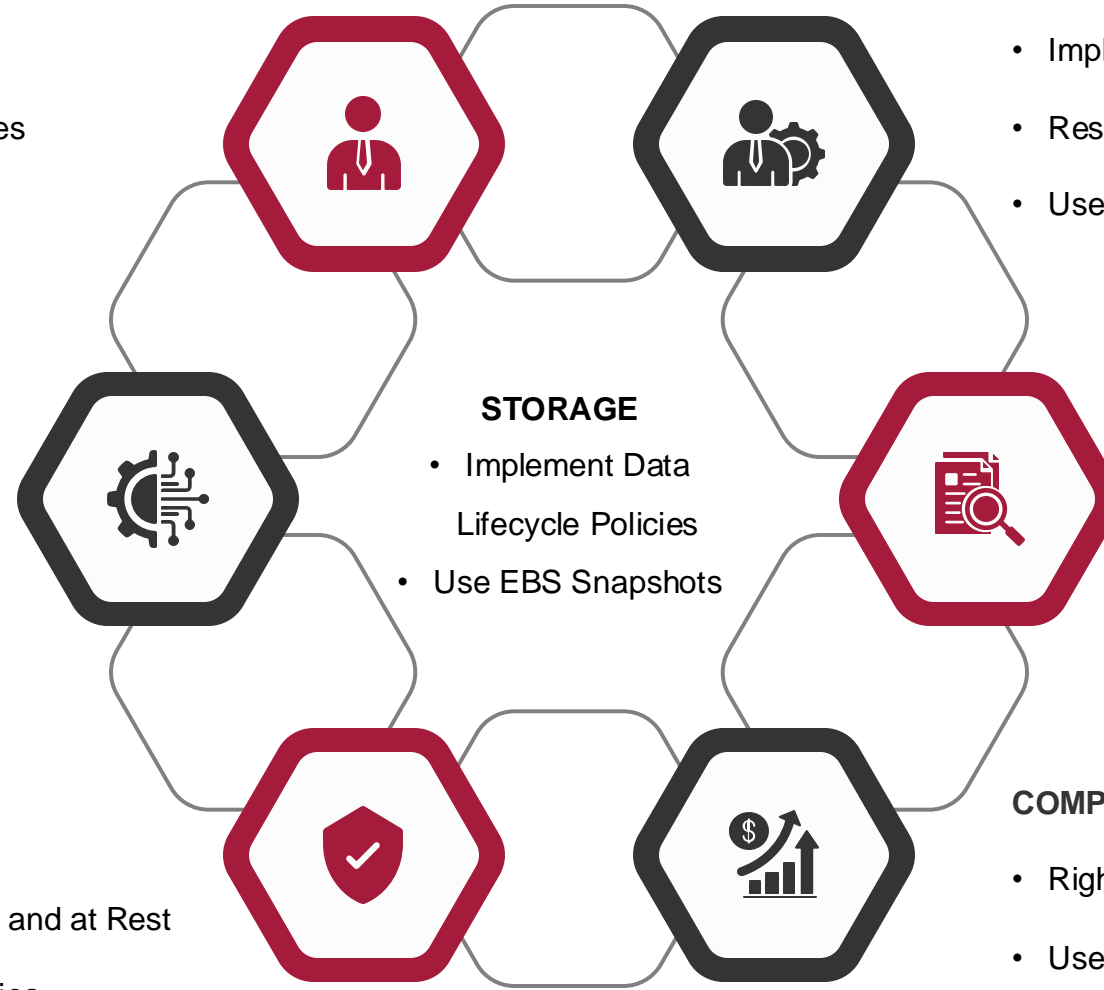
- Dist. Resources Across Avail. Zones
- Use AWS Load Balancers

SECURITY

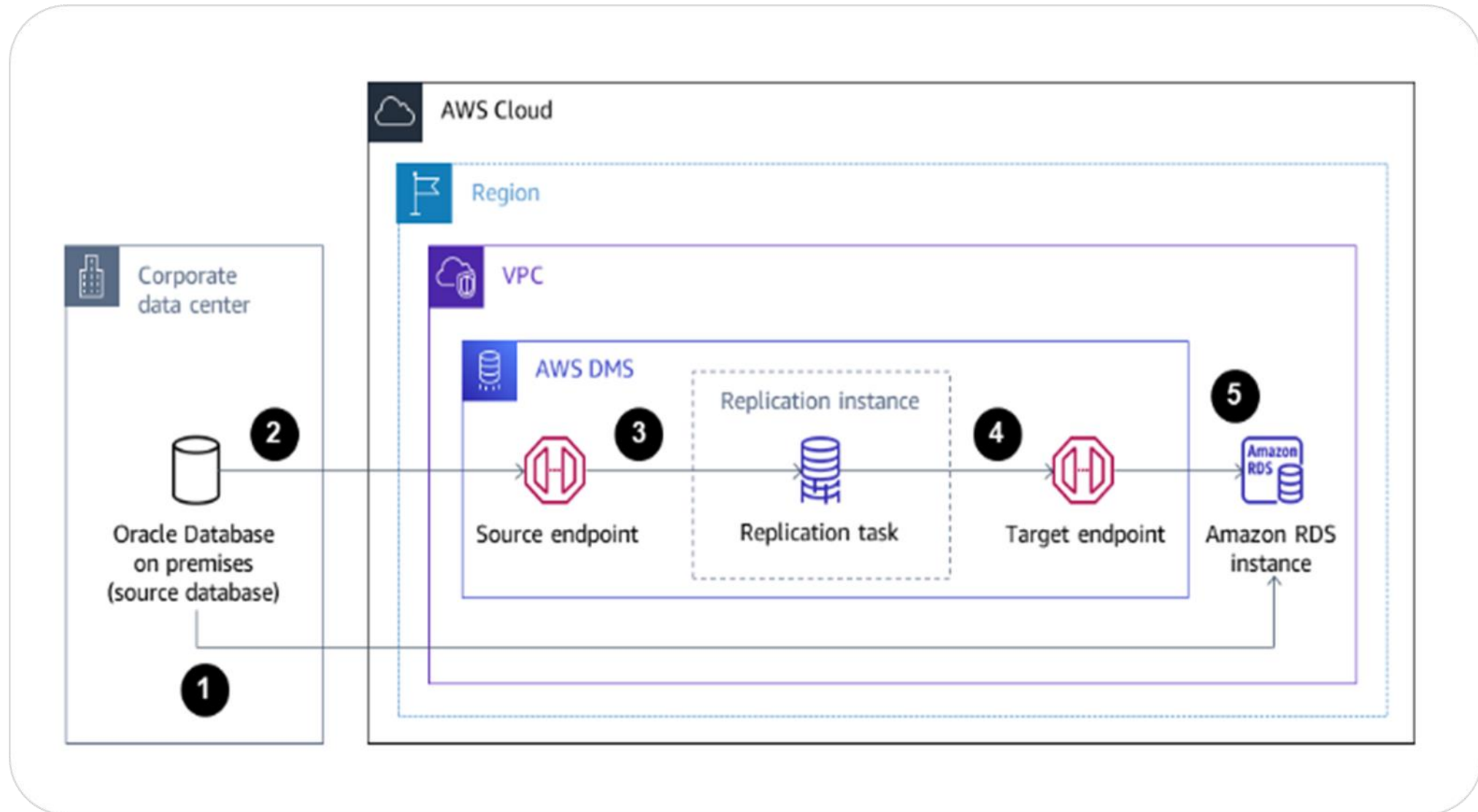
- Patch Latest
- Encrypt Data in Transit and at Rest
- Monitor and Log Activities

COMPUTE RESOURCES

- Right size instances
- Use Auto Scaling



Network Diagram for On-Premises to AWS





Migration **Approach**

Choosing Your Approach



Re-host Lift & Shift to
Cloud



Approach 1

Approach 2



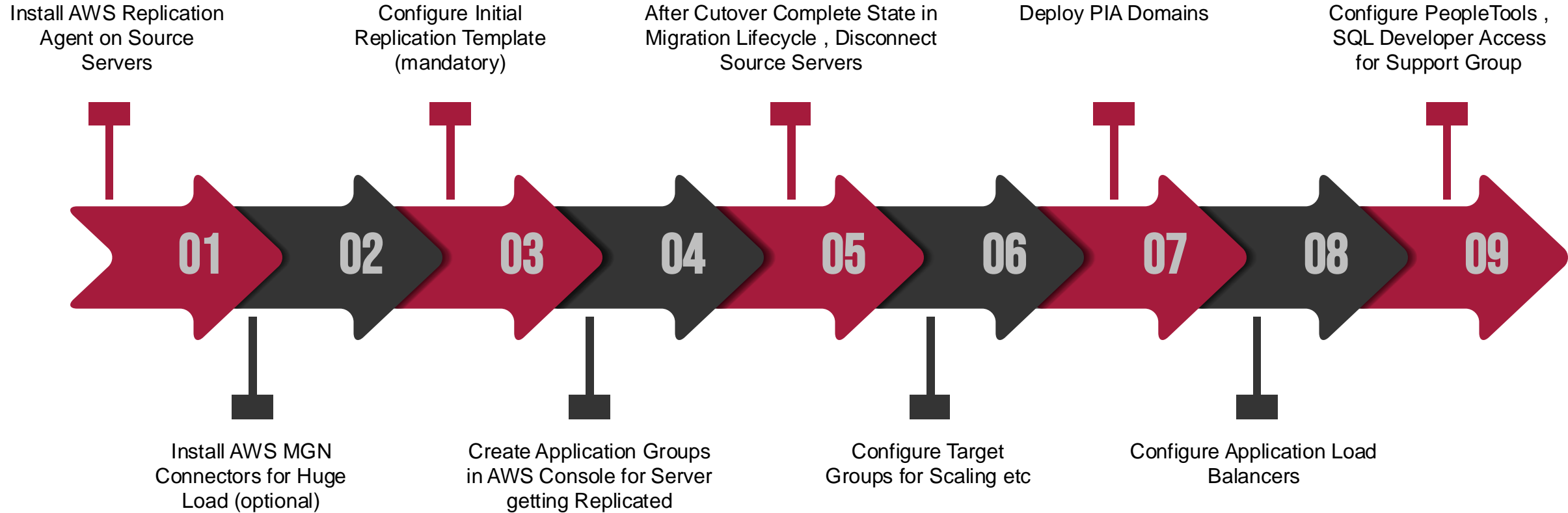
Re-Factor rebuild on
AWS using AWS
Services

Migration Approach: Lift & Shift

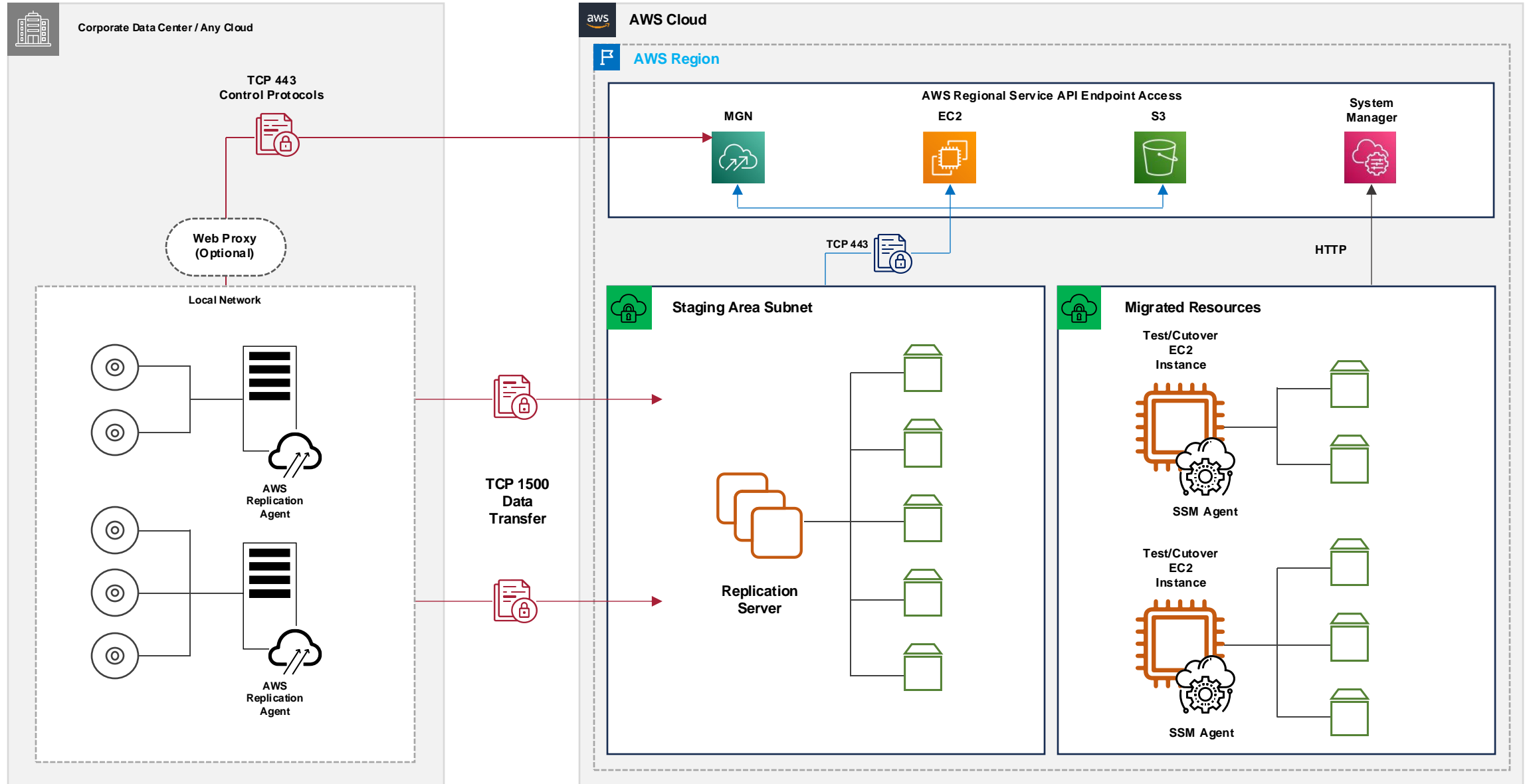
"Lift & Shift" is a cloud migration strategy where applications and data are moved from an on-premises environment to a cloud infrastructure with minimal or no modification. It involves replicating existing systems in the cloud, preserving their current configurations and functionalities.



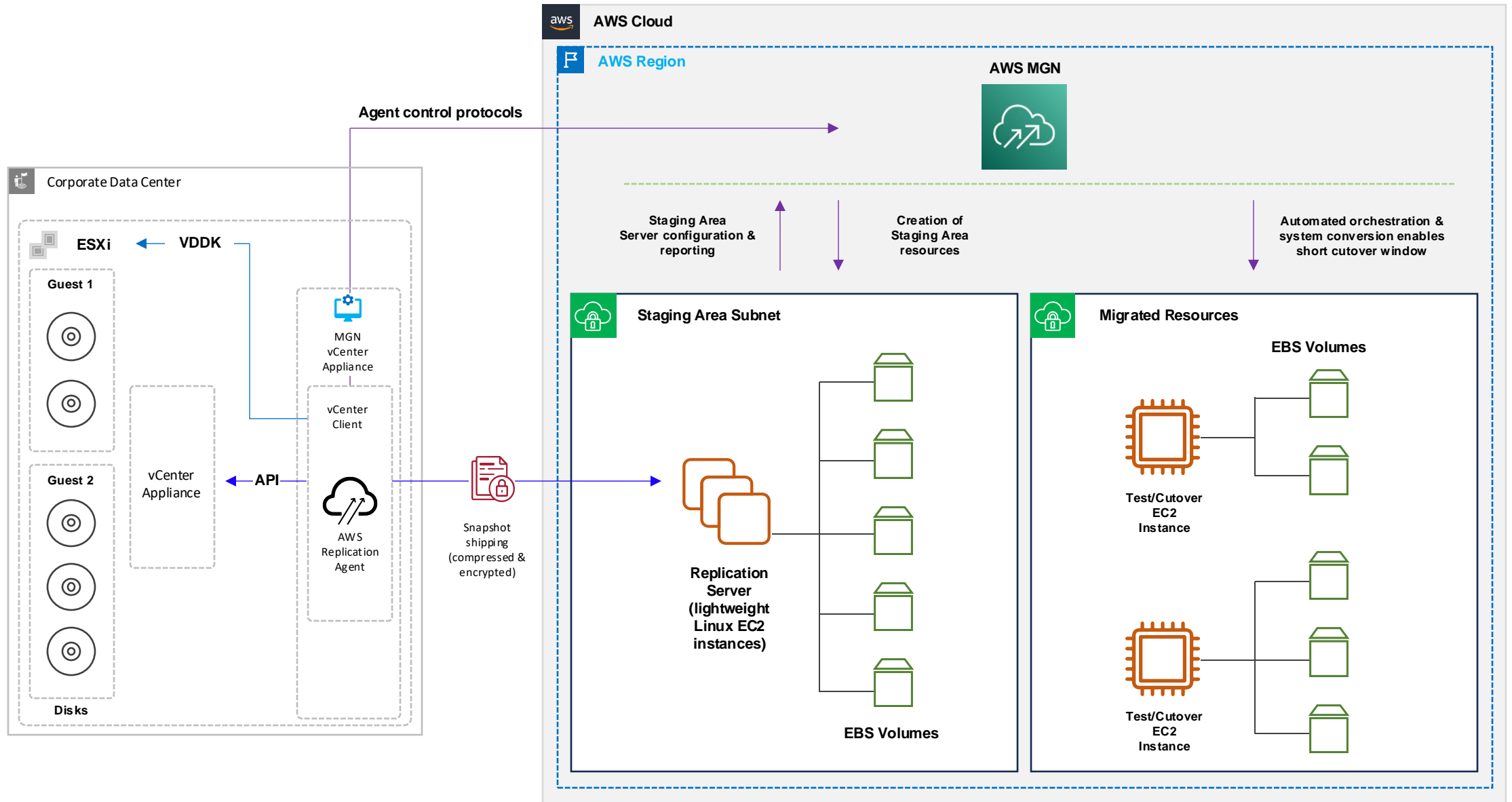
Lift & Shift Migration steps



Lift & Shift PeopleSoft Architecture (Agent Based)



Lift & Shift PeopleSoft Architecture (Agentless)



Lift & Shift Migration Pros and Cons



Advantages:

1. No code or architecture changes
2. Migrate Core services easily
3. Easier compliance and security management



Disadvantages:

1. Does not take full advantage of the cloud capabilities
2. Latency and performance issues may arise
3. Increased Risk as not utilizing modern services

Migration Approach: Re-Factor

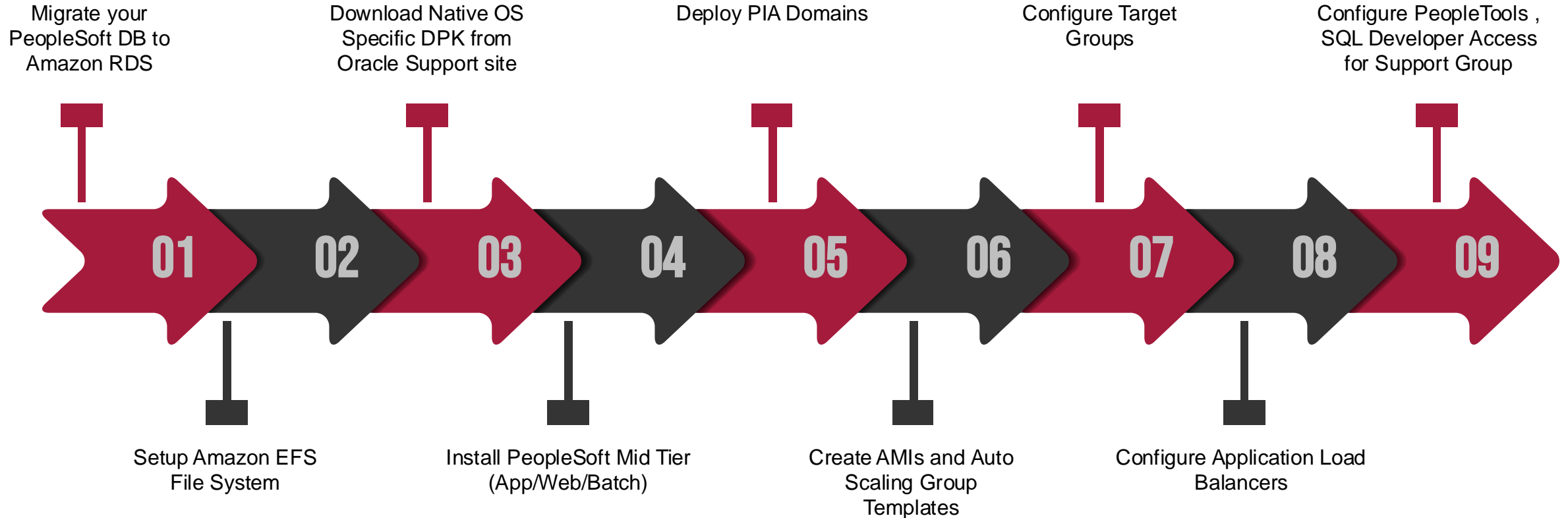
Refactoring is the process of moving applications to cloud infrastructure while re-architecting them to better suit the cloud environment.

This strategy involves modifying your existing software, to take advantage of cloud-based features and the flexibility and elasticity that comes with cloud.

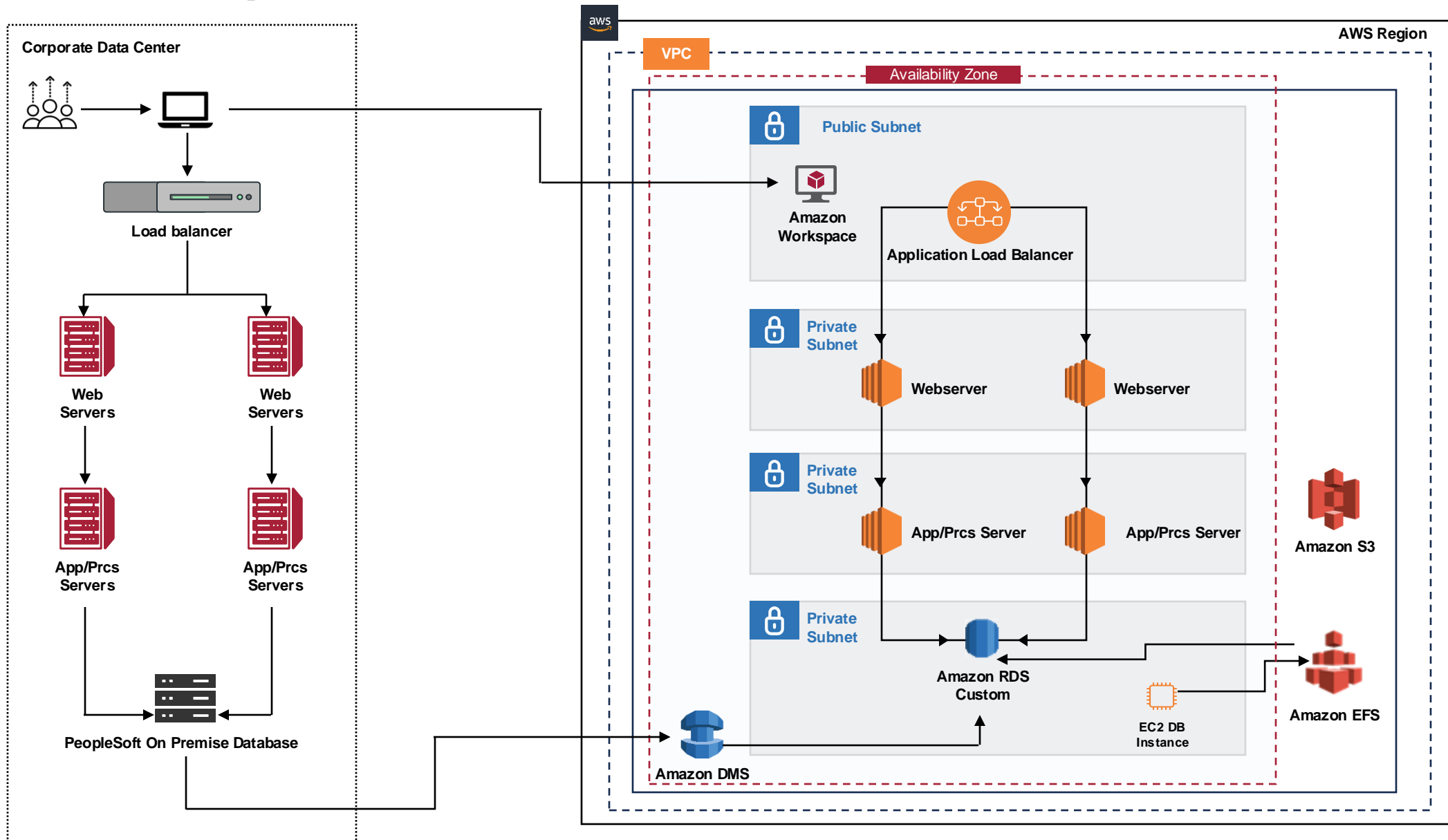
The refactoring approach is the most time-consuming and resource-intensive, it can provide the highest return on investment once you are running in the cloud.



Re-Factor Migration steps



Refactor PeopleSoft Architecture



Refactoring Migration Approach Pros and Cons



Advantages:

1. Long-term cost savings
2. Adapting to changing requirements
3. Increased Resilience



Disadvantages:

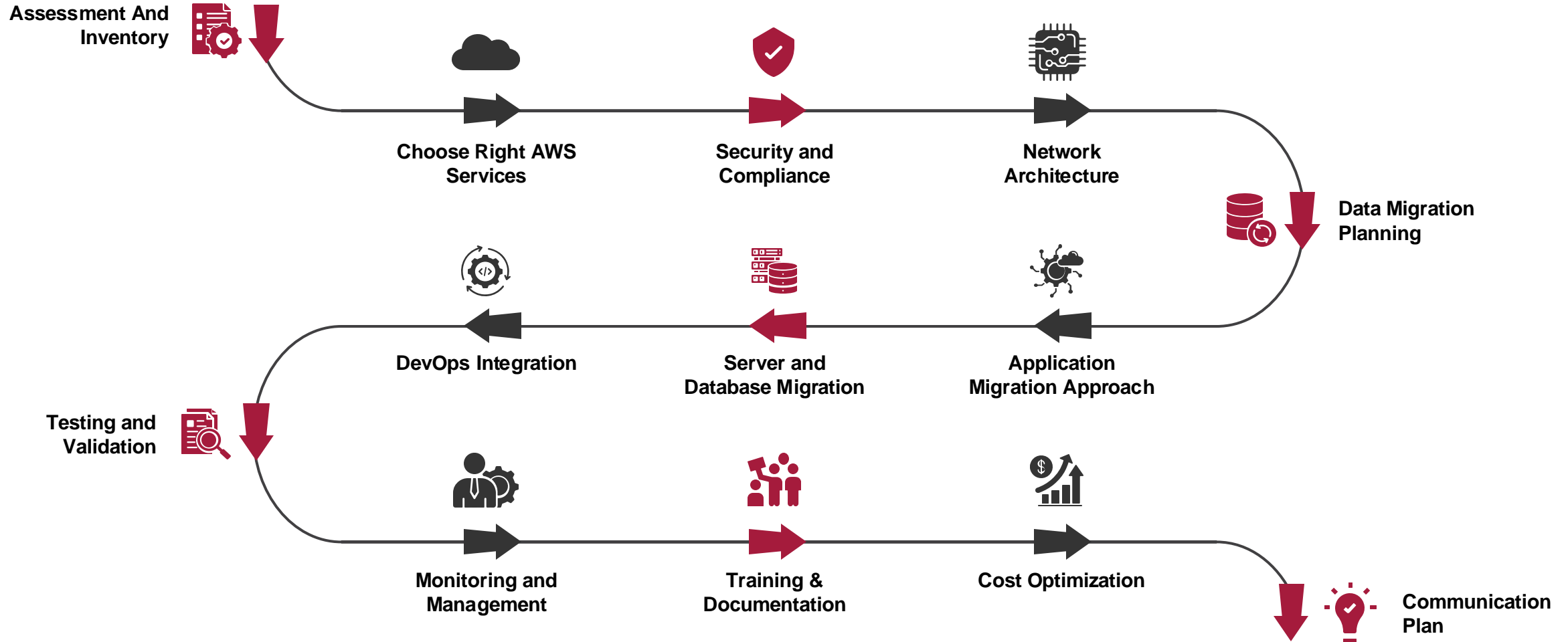
1. Vendor lock-in
2. Longer Time of Migration
3. Advanced Skills Needed
4. Chance of Getting it wrong

Comparison b/w Lift & Shift, Re-Factor

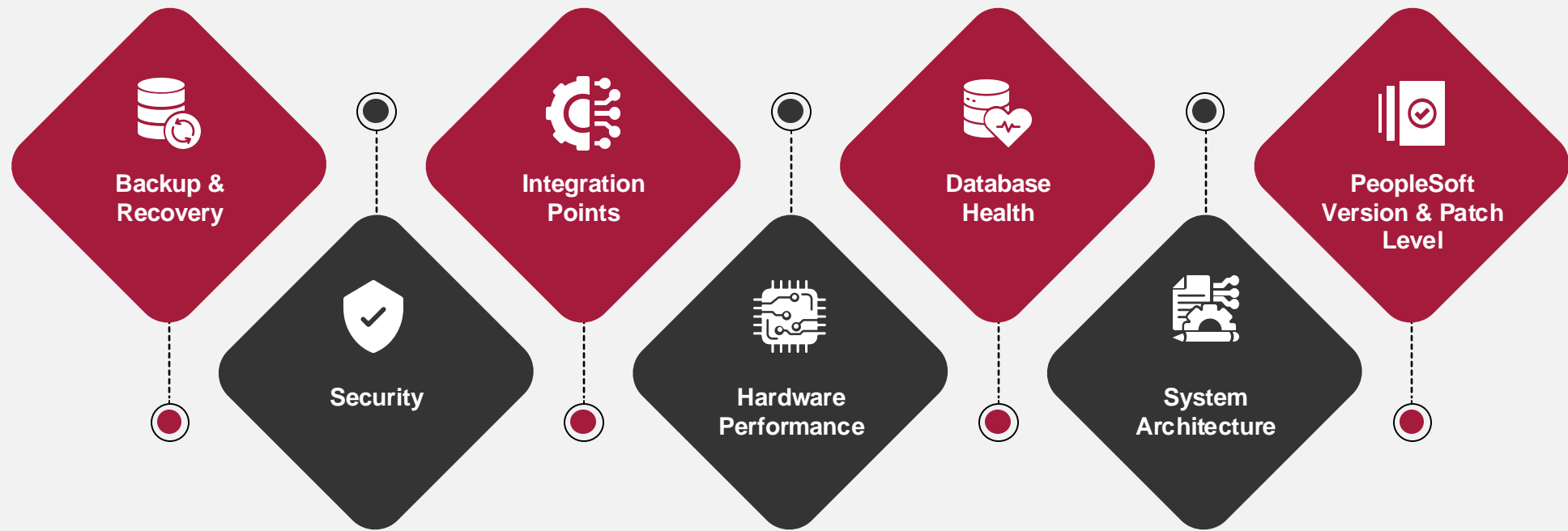


	Lift & Shift	Refactor
Timeline	Quicker Migration Time	Longer Migration Time
Risk	Minimal	Highest
Cost	Initial Migration Costs Lower as no need for redevelopment	Upfront Higher Migration Costs involved with modifying application architecture.
Agility & Flexibility	Less modular compared to Refactored Migration	More modular and can adapt to changing business needs more easily
Consideration of Goals	Need to quickly move with existing workload to cloud with minimal disruption	Need to optimize for long term benefits, scalability and taking full advantage of cloud capabilities.
Application Complexity	Simpler, Less critical applications suitable for Lift & Shift	Mission Critical Applications benefit more from refactoring

Creating Migration Plan



Assessing your PeopleSoft environment



Cloud Migration PoC



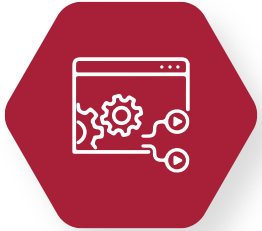
Objectives of Proof of Concept



Understand the approach and process involved in migrating PeopleSoft applications to AWS



Prepare and validate the cost estimates associated with managing PeopleSoft applications on cloud



Understand how the internal as well as external applications will integrate with PeopleSoft on cloud

- ✓ Real time integrations
- ✓ Batch integrations



Prepare realistic project plan for migrating the PeopleSoft production environments to cloud

- ✓ Scope of the project
- ✓ Finalized approach to move all the instances to cloud and ensure seamless integrations with other applications in the ecosystem
- ✓ Cost and duration of the project



Unfold any risks, challenges associated with the cloud migration

First Step ...Plan the POC

- ❖ Understand client business Applications scope
- ❖ Stake Holder Interview
- ❖ Assess technical & business value
- ❖ Perform Total Cost of Ownership analysis
- ❖ Desired Architecture & Capacity planning
- ❖ Inventory of applications - Modules/integrations



Free Remote Assessment

Technical Steps of the POC

01 Define and plan Cloud tenancy Provisioning matching the current Infra blueprints.

02 Define the Clone Database process, List of Integrations, connectivity options.

03 Preparation for Virtual Connectivity Network(VCN), VMs, security, media upload and download.

06

Cloud migration Validation – End to End validation of the cloud instance in client's application landscape

- System Integration testing.
- End-user testing(Business Validation)
- Performance Or load testing.

05

Configure application on cloud, perform post clone activity ,full Instance Verification Testing(IVT), end-user connectivity.

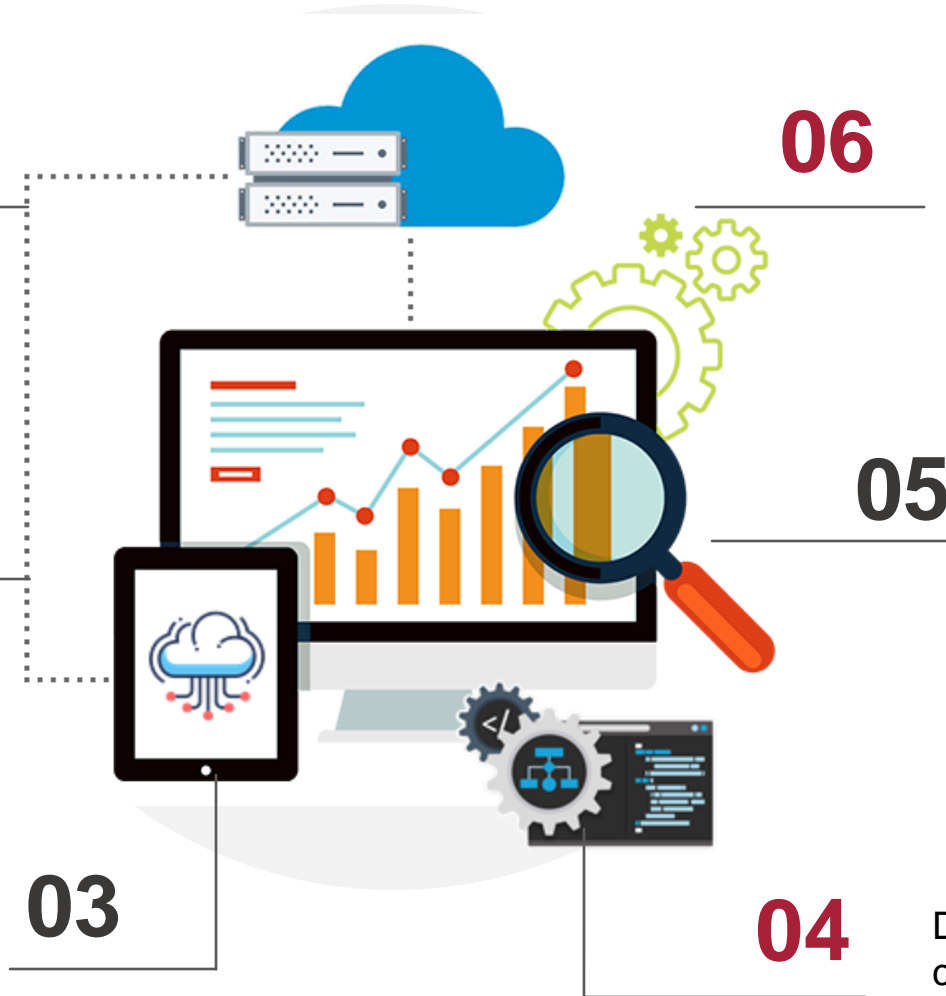
04

DB backup (full backup) restore to cloud , configure & validate the DB connectivity from on-premises.

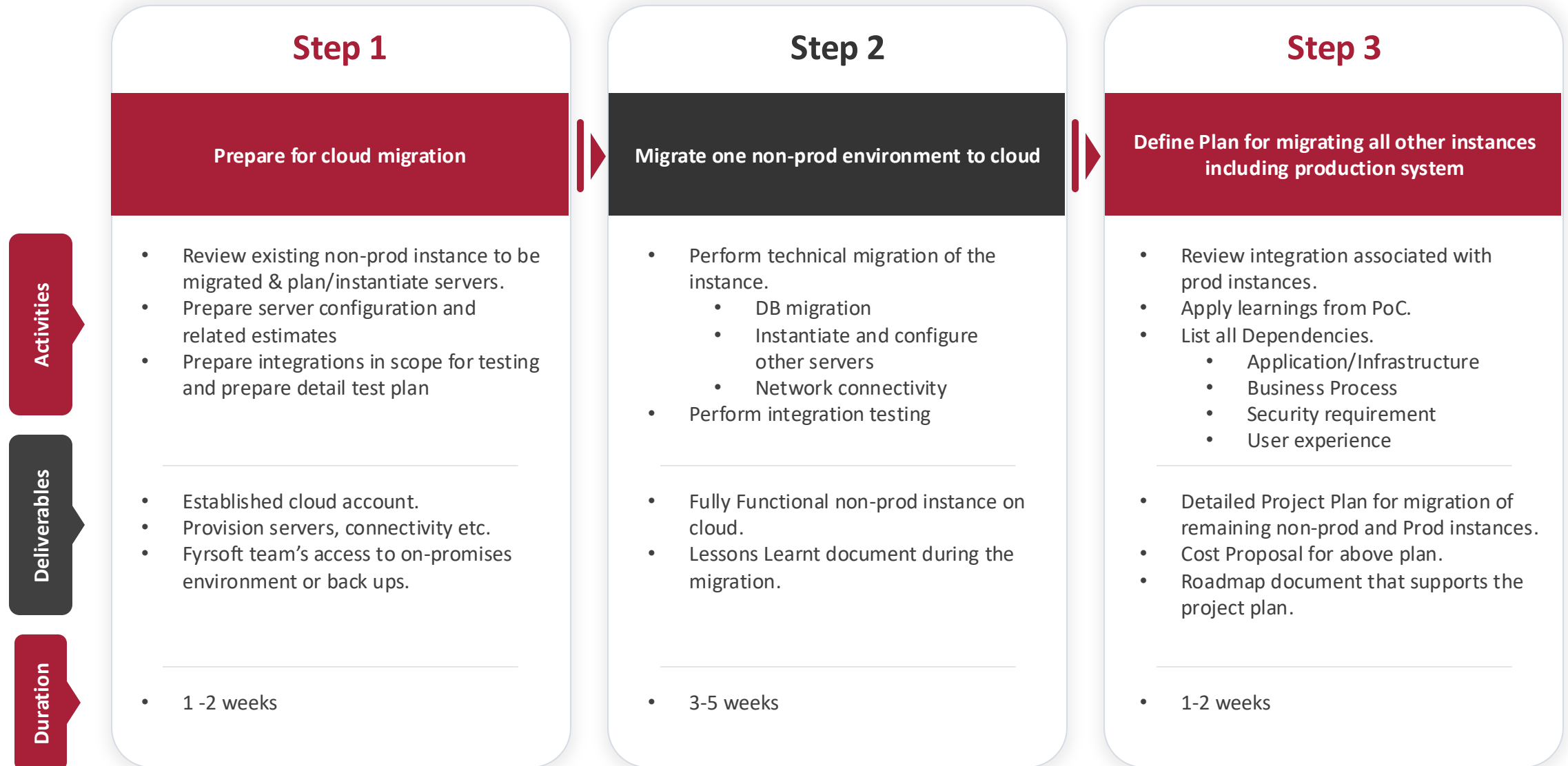
03

02

01



Migration Approach for PoC



Deliverables of PoC



Next steps

Discovery Session / Assessment of PeopleSoft

Application:

**To move the PeopleSoft
application to AWS?**



The Journey

Our Journey

- Started Office in Seattle with GDCs in Bangalore & Hyderabad
- Named **Microsoft MSVP** in 2008

- **Amazon engagement** in ERP
- Acquired Ramp Group; **MS Certified Partner**
- **GM engagement** for in-vehicle HMI displays

- Expanded services to AWS, Enterprise Applications and IT infrastructure
- Acquired CodeSmart – a company engaged in **Public Sector services**
- Commenced business with WA State Agencies

2006 - 08

2009 - 11

2012 - 14

2015 - 17

2018 - 25

- Acquired FyrSoft – **Cloud Services specialist**
- Launched **AI/ML and Big Data practice**
- Launched **Digital Transformation practice**

- **AWS Advanced Consulting partner**
- **Launched Triangulum Labs** for investment and incubating joint innovation with customers
- Launched **ACF**
- **Acquired Laurel Group** expanding services in recruiting and contract-to-hire
- **Acquired Aegis** expanding capabilities in **Data and Cloud**
- **GCP Partnership**
- **UKG Partnership**
- Acquired by Quest Global company

Our Service Offerings

We provide customer centric services that assist business leaders achieve new levels of competitive advantage

Enterprise

- ERP/CRM/SCM
- Application development & Maintenance Services
- DevOps
- Recruitment Process Outsourcing (RPO) services



Cloud and Data

- AI & ML
- IPaaS – RPA
- Big Data/Analytics
- Cloud Services and Legacy Modernization
- IoT & Mobility



Product Engineering

- Embedded, Mobile and Web applications design and development
- HMI Product Validation
- Automotive Center of the Future – Triangulum Labs
- Enterprise Innovation Collaboration - Plug n Play



Our ERP & CRM Customers

People Tech Group helps businesses deploy and manage ERP solutions with its deeper collaboration with leading ERP solution providers like Workday, PeopleSoft, UKG, SAP, and Salesforce.



Around 250+ dedicated ERP resources across the globe



Around 50+ dedicated UKG resources



Around 50+ dedicated Salesforce resources



Around 30+ dedicated Workday resources



Around 50+ dedicated PeopleSoft resources



Around 40+ dedicated SAP resources

Our Practice

PeopleSoft Practice Snapshot

Experience & History



- Successful engagements – 25
- Technical/ Functional Consultants – 150+
- Technology & Domain Exposure
- Certifications
- State of Art Offshore Development Center
- PMBOK, ITIL, SDLC Driven Processes

Strategic Services



- Technical, functional, and application roadmap advisory
- Cloud migration feasibility and assessment
- Implementation Services
- Upgrade Services
- Testing & Integration Services
- Roll Out Services
- 24x7x365 Support and Maintenance

Support Services



- Application and documentation fixes
- Operational, configuration, Installation and upgrade support
- Global tax, legal, and regulatory updates
- Account management services
- Full support with no required upgrades
- Customization and Performance support & Interoperability and integration support

Customized Solutions Bolt-On / Tools / Accelerators

- PeopleSoft Bolt-Ons – Data obfuscation, PTF, Split Analyzer
- E-Verify Bolt-On - provides a real time integration between DHS(Department of Homeland Security)/SSA(Social Security Administrations) and PeopleSoft
- Data lake - Data Lake helps to connect multiple Platforms and extract multiple reports. It helps in doing the predictive analytics



PeopleSoft Solutions

- Hosted Solutions for the Enterprise:
 - HCM
 - Financials
 - SRM
 - CRM
 - Campus Solution
- Pre-configured Business Process



PeopleSoft Implement & Upgrade

- Functional and Technical Design and implementation
- Upgrade & Coexistence
- Expertise in upgrade versions 9.0/9.1/9.2
- Extended Self Services



Application Value Maintenance

- Application Support and Maintenance
- Application Database Admin Support
- Compliance & Regulatory Updates
- Monitoring Services



PeopleSoft Tools

- HR Analytics, Quality of hiring metrics
- Enterprise On Mobile
- PTF Bolt-On
- Data Obfuscation
- Split Analyzer



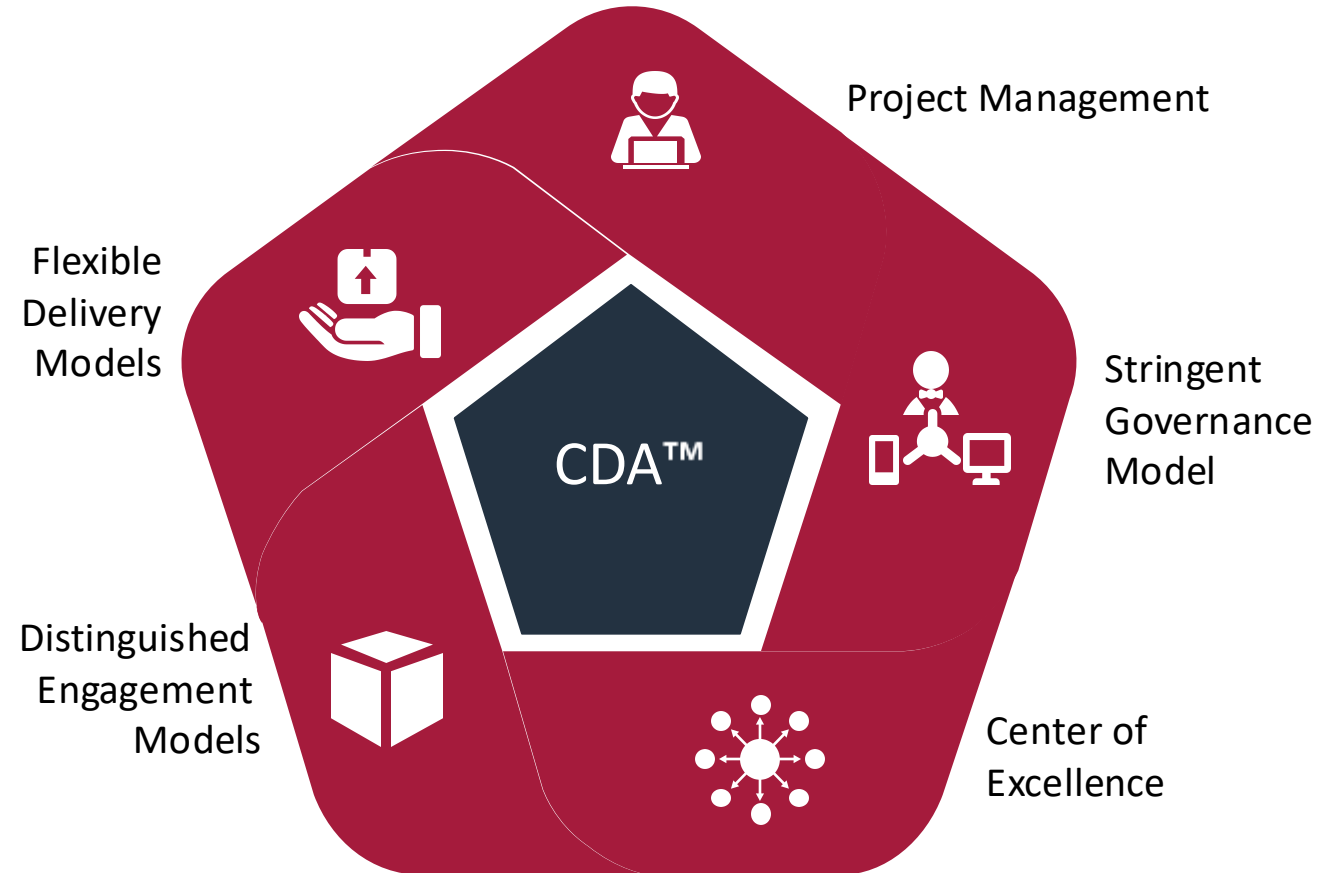
Managed Services Approach



PeopleTech's application managed services are built with a balanced and holistic methodology known as "Customer Desired Approach" (CDA™).

Engagement with PeopleTech for managed services will allow you to access the entire IT ecosystem of PeopleTech to support your most critical applications through our CDA™.

CDA™ approach combines



Governance Model



Integrated PM Approach

Project Planning

Project Plan

- Customer Success Metrics
- Project Profile
- Project Plan Published
- Project Organization with Team Register
- Milestone identification
- Project Risk

Quality Plan

- Metrics Identification
- Quality Goal Setting

Knowledge Management

- Past similar Project Experience Artifacts
- Best practices/Past Metrics

Project Execution

Project Schedule Tracking & Monitoring

- Task Assignment integrated with Time Sheet
- Quality Goal Tracking
- Project Dashboard
- Risk/Issue Management

Project Reporting

- Health Reports
- Custom Reports
- Executive Reports

Project Review

- Senior Management Review
- Milestone review with Customer

Project Change Management

Project Closure

Project Closure

- Voice of Customer
- Project Quality Analysis
- Financial Closure Inputs

Knowledge Management

- Archive Project Artifact
- Record Best Practices

Maintenance Dashboard

- Problem Management/ Application Support
- Request Management
- Integrated Change Management

Appendix – **Why People Tech Group?**

What Makes Us Unique



Comprehensive Range of Experience



Complex multidimensional engagements delivered successfully

Deep technical depth & creative problem solving

Flexible Engagement Approaches based on Client Need



Project deliverable based or staff augmentation

Focus on client upskilling

Partner with key leads within organization

Willingness to Invest



Earn your confidence with Research, Assessments & PoCs

Invest in key resources for long term as well build a pool of shadow resources to de-risk and scale

Diversity



Certified Women & Minority owned Business Enterprise

Commitment



Underwrite our commitments

Executive sponsorship on engagements

Business Priorities



Customer relationship and obsession



Ensuring excellent execution



Ease of engagement



Continuous Learning



Seamless issue resolution

Thank You



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