Day One Success for DevSecOps and Automation on Azure

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From cloud strategy through ongoing operations, Utilizing the experience and methodologies from CTP, HPE Pointnext provides end-to-end services to accelerate your cloud transformation by embracing the principals of DevSecOps.

**Move to cloud**
- Follow a comprehensive and proven approach to cloud adoption.
  - Cloud Strategy & Economics
  - Cloud Security
  - Portfolio Assessment
  - Application Migration

**Innovate on cloud**
- Design, build and run innovative, cloud-native applications and software.
  - Innovation Strategy
  - Cloud-Native Development
  - IoT
  - Big Data & Analytics

**Run the cloud**
- Offload the ongoing operations and maintenance of your cloud.
  - Operations & DevSecOps
  - App Optimization
  - Continuous Compliance
  - Continuous Cost Control
DevSecOps Adoption

What is DevOps?
“DevOps is the union of people, process and products to enable continuous delivery of value to your end users”.

What is DevSecOps?
“DevSecOps expands on the underlying concepts of DevOps to build the mindset that everyone is responsible for Security”.

Shift Left Approach
The Cloud Adoption Program – Phase 1

1. Workshop
2. Assess & Plan
3. Build MVC
4. Migrate
5. Operate

Bring your team together to review our comprehensive approach to enterprise cloud adoption, ensuring your team is aligned around your cloud goals and objectives.

Cloud Leadership Workshop
- Establish team objectives and goals of CAP
- Highlight drivers for adoption
- Review CAP details and education
- Identify key security and governance pain points
- Strategic alignment among key stakeholders
- Assignment of Dev, Sec, Ops leads
- Create actionable next steps
The Cloud Adoption Program – Phase 2

1. Workshop

2. Assess & Plan
   - Assess your current state and quantify the benefits and effort to move to cloud. Identify key requirements, concerns, controls and constraints for your cloud plan.

   Assessment & Planning Activities
   - Enterprise application and infrastructure assessment
   - TCO and ROI estimation
   - Identification and remediation of security controls and technology
   - Identification of pilot applications for migration and Migration Factory
   - Reference architectures and Minimum Viable Cloud definition
   - Prioritization of critical path dependencies, risks and constraints
   - Alignment of stakeholders on roadmap, success criteria, and resources
   - Lay the foundation for the Cloud Business Office

3. Build MVC

4. Migrate

5. Operate
Build your Minimum Viable Cloud and migrate representative applications. Set up Migration Factory tools, processes and teams. Transfer principles and methodologies to prepare for a full-scale migration.

Minimum Viable Cloud & Pilot Migrations
- Development and build of a MVC
- Migrate pilot workloads as representative use cases
- Validate applications and operations on the MVC
- Build Migration Factory teams with people, process, playbooks and technology
- Verify economic model against larger estate of applications
- Validate security, compliance and operational approaches against controls
- Position the organization to adopt cloud resources at scale (Phase 4)
- Establish and launch the Cloud Business Office
The Cloud Adoption Program – Phase 4

You’ve built the foundation for a world-class cloud program. Now it’s time to start your full-scale portfolio migration.

Full-Scale Portfolio Migration
- Build program management teams and establish project plans
- Security and governance controls implementation
- Scale migration factory – infrastructure, tooling, processes, playbooks
- Operational transformation and cloud service management
- Workloads and data migration / production cutover
- Knowledge transfer and enablement
- Post migration support and handoff of applications
- Economic alignment and controls
- Executive presentation, training and handoff
The Cloud Adoption Program - Phase 5

1. Workshop
2. Assess & Plan
3. Build MVC
4. Migrate
5. Operate

Offload the maintenance and operations of your environment, enabling your team to focus on what they do best.

Operations & Maintenance

Dev
- 100% availability architecture design
- Deployment and configuration automation

Sec
- Audit readiness (PCI, SOX, etc…)
- Enterprise-grade security services

Ops
- Integration with on-premise or private cloud environments
- Disaster recovery and automated backups
- 24/7/365 NOC
Thank you

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