DC Modernization Assessment

Our Capability - Expertise

CSP, MSP, ISV Dev Center, ESP	Experience of managing 150+ azure engineering engagements	CoE for Azure Infra, Engineering and DevOps	100+ CSP/ Managed Service Customers

Credentials

- CSP & Enterprise Cloud partner
- 54 + CSP Customers/ Managed Service associations
- End to End Cloud Services- Consulting to Managed Services, 24/7 Support
- Sonata IP In Azure / AppSource

Experience

- 200+ Cloud engineers and 300+ Azure Developers
- 40+ cloud evangelists and Architects
- 100 + Successful Cloud Migrations
- 50 + Assessments
- 10+ Large Data Migrations to cloud

Methodology

- Proven Consulting Methodology
- Proven Migration Methodologies
- Platform Engineering Methodology
- Operations and Automation Methodology

Framework / Automation

- Own Platform for managing operations
- Automated Framework for DevOps
- Automated Framework for CloudOps

Microsoft
Engineering, Migration, Evangelizing, Global Support

SAR

PennyMac®

QueenslandRail

TUI Travel PLC

sage

Lexvia

Expedia

Sterling Talent Solutions

Crawford

Modernization Service

Assessment

Modern DC Assessment
- On Prem to Cloud Migration Assessment

Application Modernization Assessment
- Legacy Application to Modernization Assessment

Modernization

DC Modernization

Modern DR and BCP

Application Modernization
- With App Service
- With AKS
- With Microservice and Service fabric
- With Platform Engineering

Biz Apps on Azure
- SAP ECC / SAP Hybris
- MS Dynamics
- Internal Business Applications, Platforms
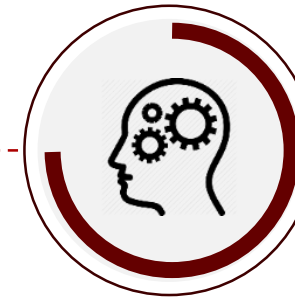
NextGen Managed Services

Managed DC

Managed Applications

Assessment Approach

Discover

- Portfolio data collection (tools will be used to gather data)
- Identification of security requirements

Analyze

- Analysis of portfolio data (tools will provide static scenario analysis)
- Capacity Planning
- Dependency and TCO analysis

Roadmap

- Infra and grouping and prioritization
- Design and Architecture
- Detailed migration schedule
- Tools needed for migration

Tools

Discover tools:
- Application Insights
- MAP Toolkit
- Azure Migrate
- Audit and GAP Assessment framework
- AWS Application discovery
- Customer Current State Questionnaire framework

Analyze tools:
- Corent
- Cloudamize
- UnifyCloud
- Azure Migrate
- CUSTOM ASSESSMENT FRAMEWORK
- True Sight

Roadmap tools:
- AWS Import export
- AWS SMS
- AWS DMS
- Azure Site Recovery
- Sonata Cloud Migration reference Plan
- Sonata platform Engineering Reference Plan

Discovery Phase

Assets information

- We Identify key assets - servers and networking devices such as switches, routers, ports.
- We identify the OS version information, physical or virtual servers, container services, CPU, memory, disk information and network information, VM-related information, installed software information

Application Grouping and Dependency

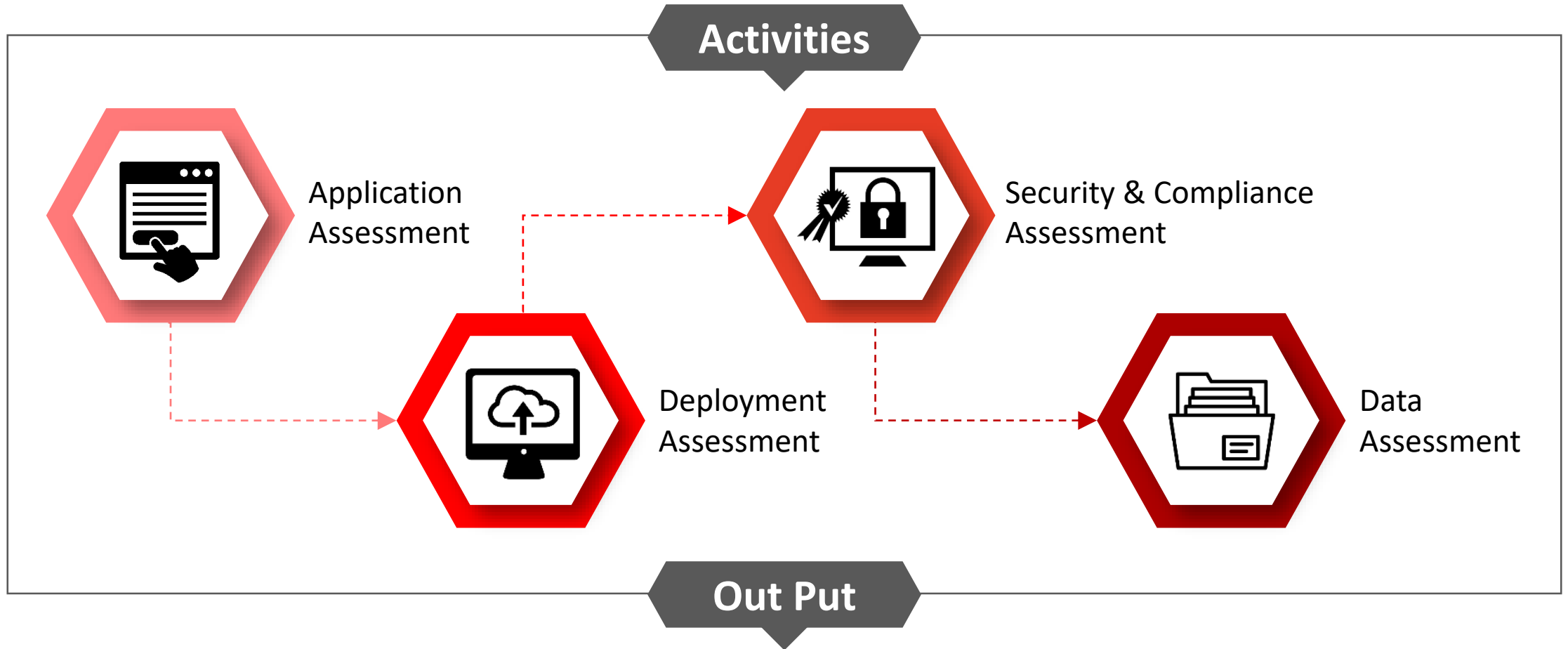- Identify key applications and group them
- Identify Criticality and usage
- Identify dependencies

Dynamic Data of Applications

- Apart from info such as OS Version , CPU , Memory – We collect dynamic information such as Resource Utilization , Network Traffic for planning compute and network requirements .
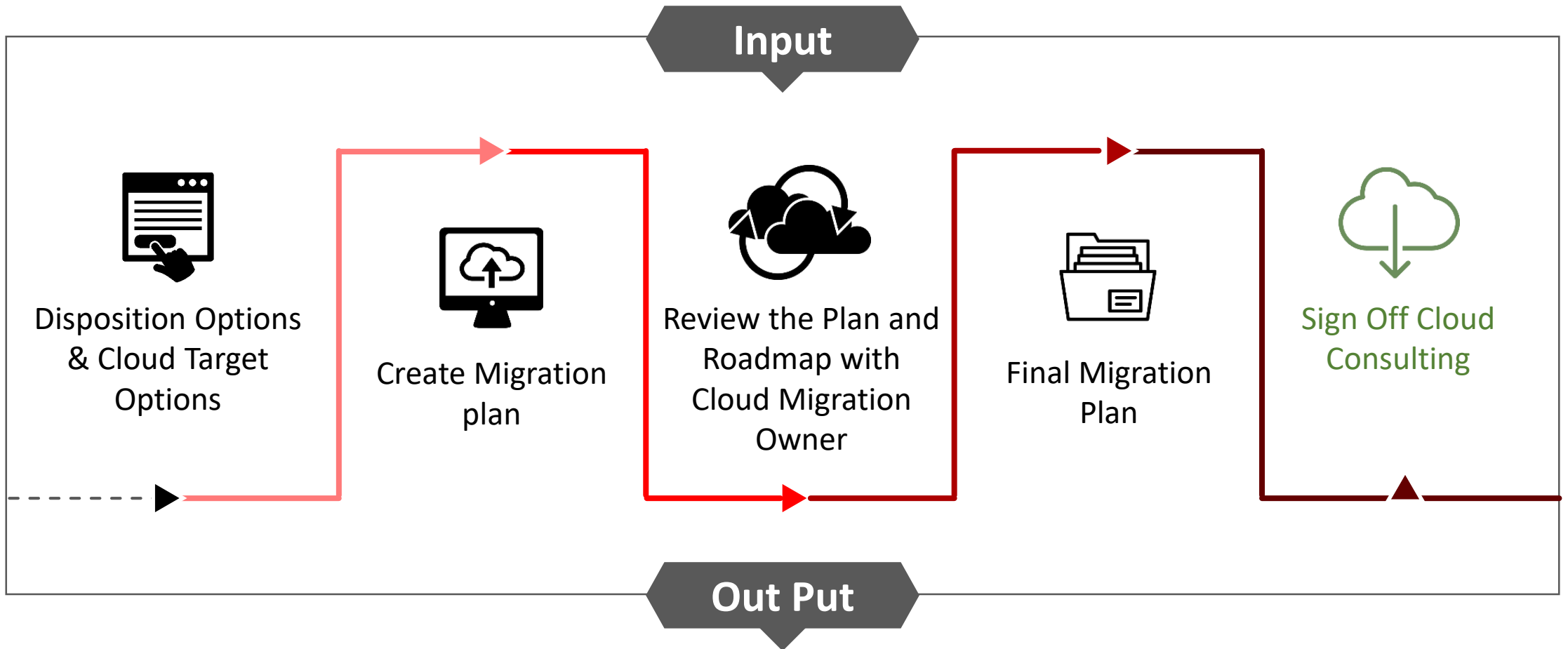
Assessment Phase

Using Inputs from Discovery Phase

Activities

Application Assessment

Security & Compliance Assessment

Deployment Assessment

Data Assessment

Out Put

Detailed Cloud Assessment Report