



PUBSEC —Your Cloud Journey & Lessons Learnt

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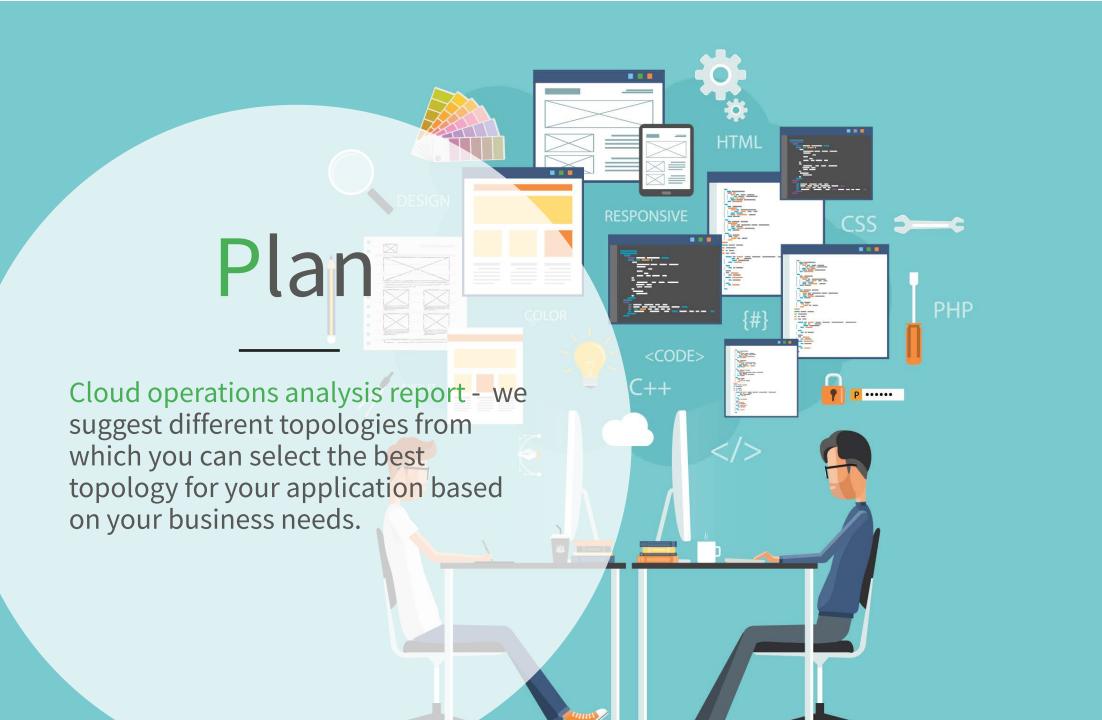
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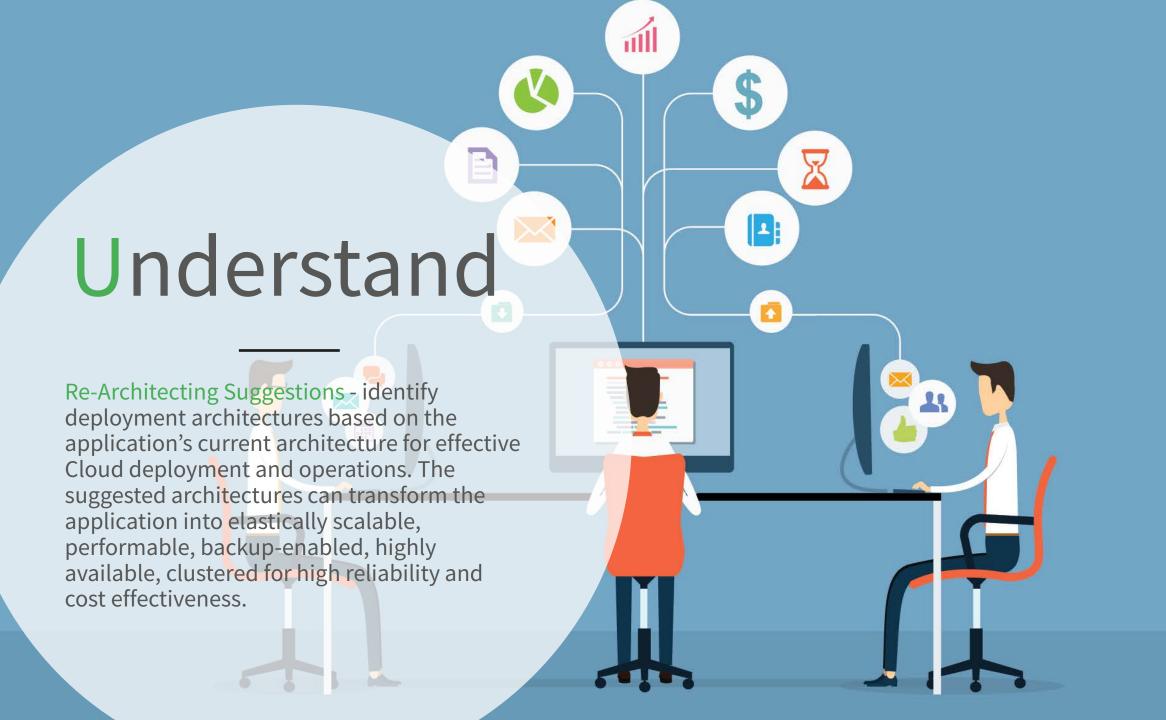












Build

Azure Virtual Datacentre- Platform for application migration or new application deployment. Built alongside Plan and Understand phases. Cost-effective, secure, easy to manage and maintain.



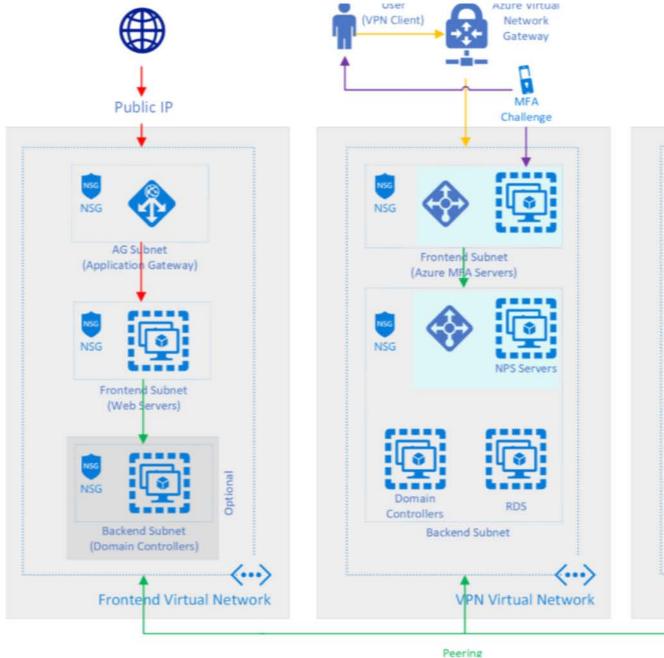




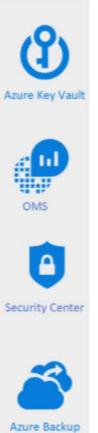
Virtual Data Centre Component Parts

- Security & Compliance
- Role Based Access Control (IAM)
- Subscription management
- Networking
- Automation
- Billing
- SLA & Monitoring
- Backup & Recovery
- Migration





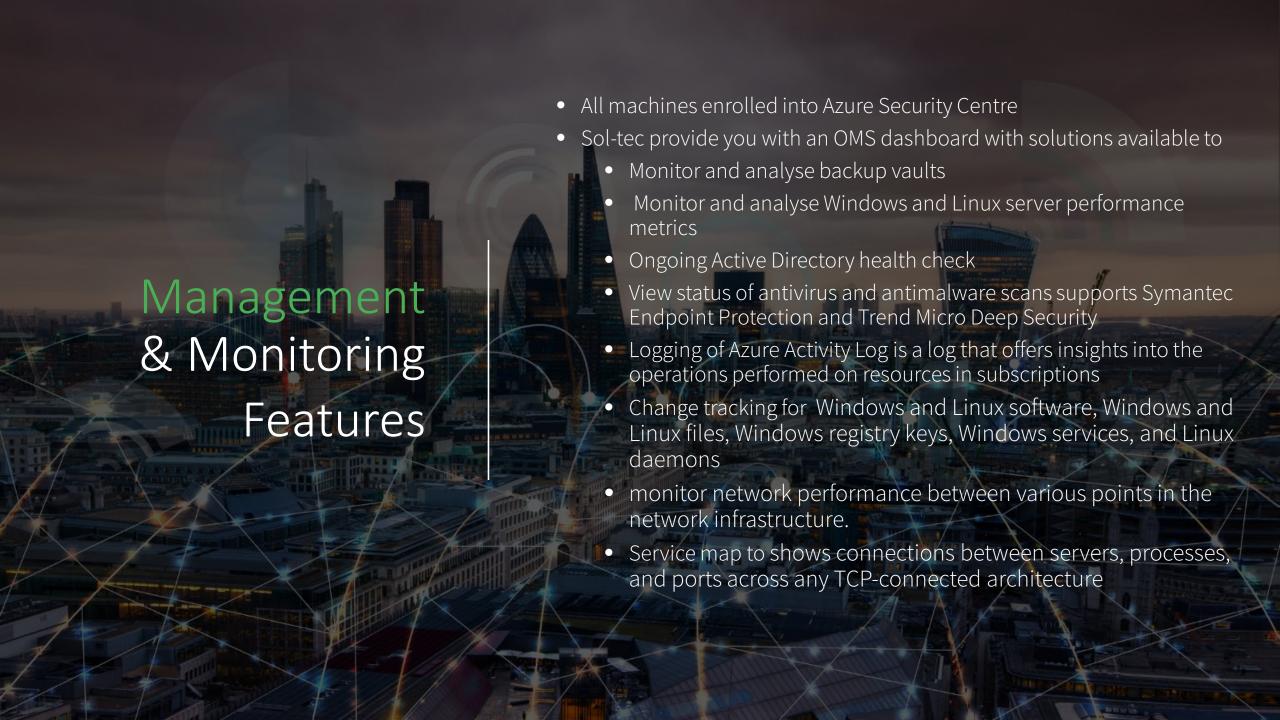




Azure

Resources







Switch

VM Migration – Migrate entire VMs to Azure with Corent (Agent based) or RiverMeadow (Agentless). Our migrations support VMWare, Physical, HyperV and between clouds. If you have a 3rd party provider, we can migrate without Hypervisor access.



Early Life Support







Early Life Support– We validate the efficiency and cost-effectiveness of your new environment, ensuring that it's performing as promised before decommissioning your old infrastructure.





Migration options

Implementation

Tactic

Security & Management

Public cloud off-premises

Cloud-born

Azure PaaS

Azure security + operation management

Lift & Modernize

Azure Container Service

Azure security + operations management

Lift & Shift

Azure laaS

Azure security + operations

Commodity

SaaS: Microsoft Dynamics,
Office 365, Visual Studio Team Services

Enterprise Mobility Suite

Cloud on-premises

Cloud-born Azure Stack

Azure security + operations management

OF INTE





Leave It Alone

Operating system upgrade

System Center + Azure security + operations management

Not one size fits all....

A T-Shirt is a key abstraction to identity migration efforts and complexity of business applications and platforms.



Small is applied for simple application or platform, typically tool-based migration or implementation



Medium is applied for application or platform, that requires limited custom interaction or currently run on Silver/Gold servers.



Large is applied for complex application or platform that requires significant custom interaction as well as specific knowledge about the customer, their business and/or requirements.



Extra-large is applied for very complex custom multi-tier application or highly customized COTS application with high business criticality, not supported on the current platform; e.g. currently running WS2003

List of Offerings – The Shopping List

Small

SQL Simple (PaaS) incl. data copy

File Server (PaaS) incl. data copy

COTS Small non-HA as-is/simple upgrade

laaS V2V Server based

Medium

PaaS Medium

SQL Complex (IaaS) incl. data copy

App Remediation AppZero

IaaS HA platform
AS-IS or Move

Large

PaaS Large

Custom App Large
ASIS, Move or
Upgrade
IaaS non-HA

COTS Large laaS non-HA

X-Large

Custom App laaS HA/non-HA

AS-IS, Move or Upgrade

COTS laaS HA/non-HA

AS-IS, Move or Upgrade

Modernization approach

Refactor

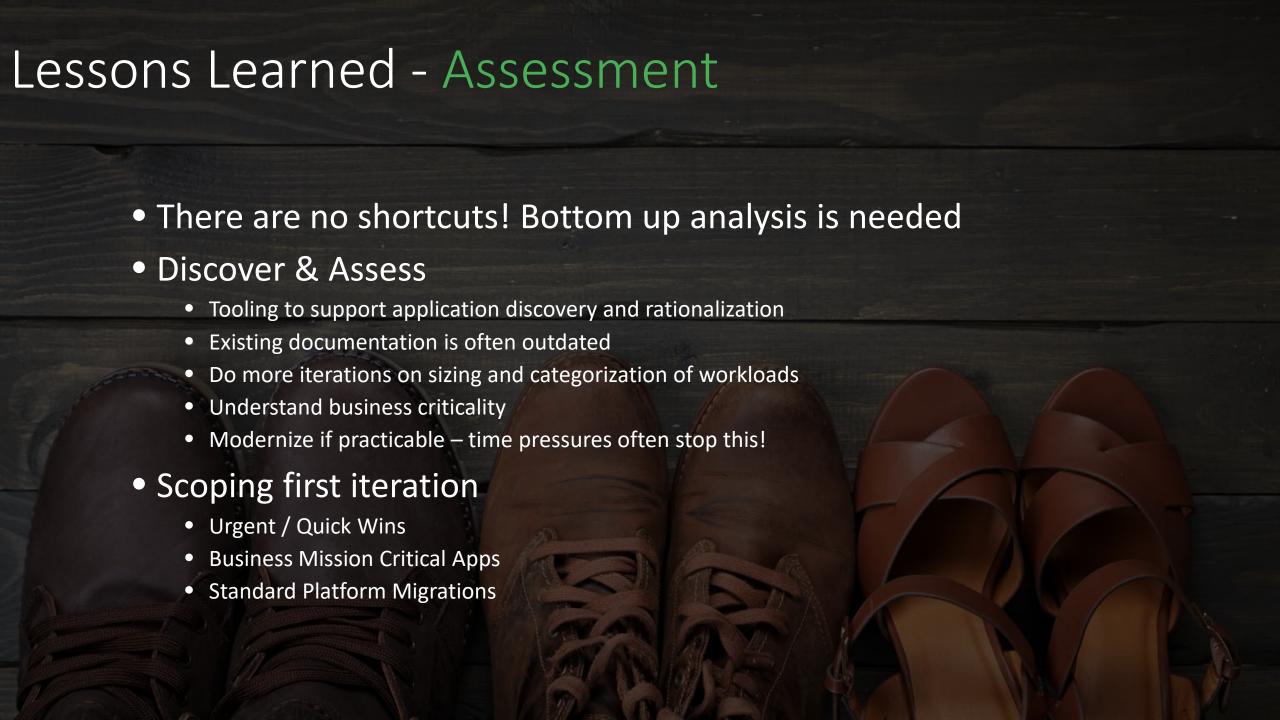
Rehost Upgrade

> Rehost AS-IS

Rehost Move

Rehost Revise

Platform





Lessons Learned – Swim Lanes

Plan

- Collect all artifacts before starting
- Get all the licenses needed including software installations
- Get cut-over date firmed early and plan accordingly

Validation

- PaaS assessment and decision point
- Actively include group security for approvals
- Actively include group architecture for blueprint alignment, review and ownership

Migration

- Performance baselining must be performed
- Careful planning of UAT to align business resources need for testing
- Make sure to test app / OS scenarios

Cut-over

- Non functional testing is important
- 2-3 application cut-overs at the same time is max
- Plan for work during weekends

Hypercare

- Hypercare is hard!
- Dedicated team is needed
- Determine SLA needed, e.g. 24/7 or 8/5
- Daily calls and hypercare tracker for issues/problems





