



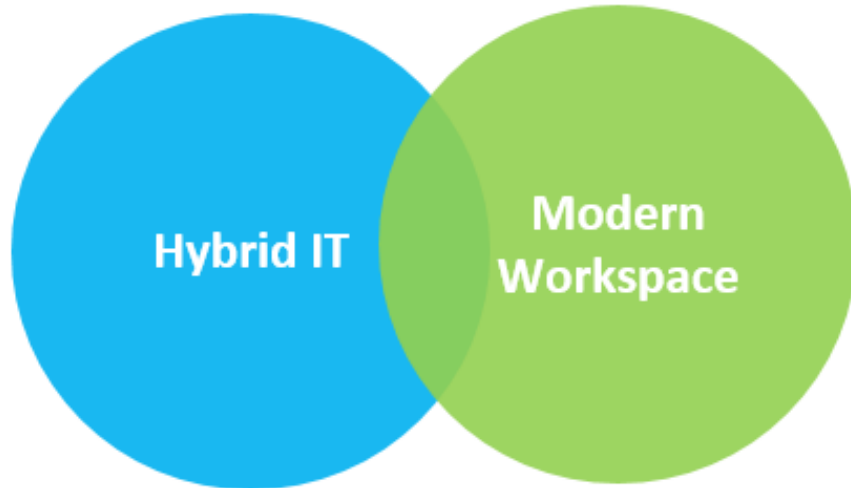
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HIGHER ED & RESEARCH TECH SUMMIT

# Cloud Decision Tree

Michael Bunnage - Compugen

# Agenda

COMPUGEN CX



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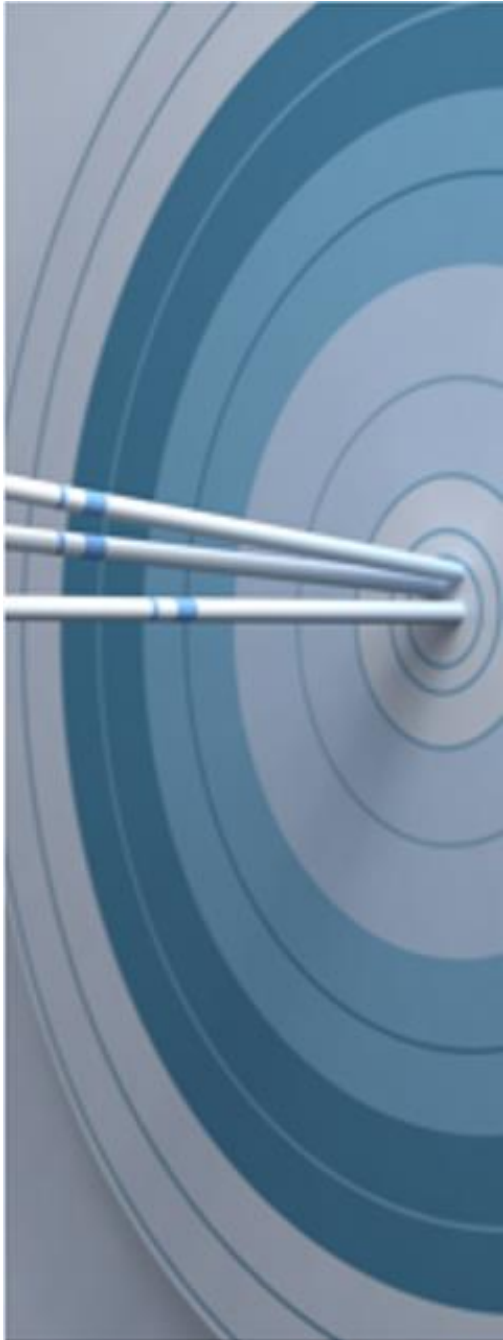
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CONNECTED

- Session Objectives
- Compugen's Cloud Adoption Framework
- Understanding the domains to consider
- Customer Example
- How to engage with Compugen
- Wrap-up and Close

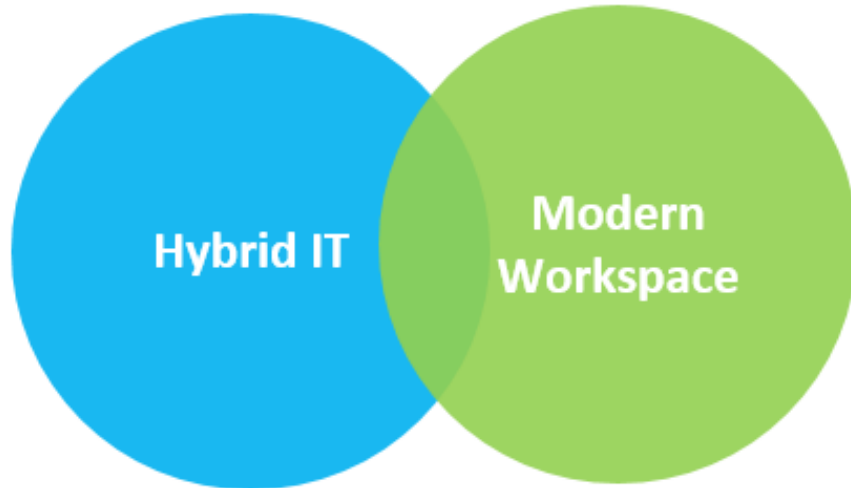
# Session Objectives

- **Introduce Compugen's Cloud Adoption Framework**
- **Get members thinking about some additional elements to consider**
- **Demonstrate that Compugen has Cloud Migration capabilities**
- **Find ways to engage and bring value to members**



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## Cloud Adoption Framework Journey

Organisation – Profitable / Sustainable Business

Change – Risk  + Cultural Shift 

Cloud Adoption Framework 

1- Strategy 

↳ Motivation

↳ Business Outcomes

2- Action Plan 

↳ Digital

↳ Cloud Adoption Plan

3-Ready 

↳ Landing  
Zones

4-Adoption 

↳ Migrate

↳ Innovate

Govern

Manage  
Operations



# What are the key components of the Cloud Adoption Framework ?



Architectures and Best Practices



Checklists and Templates



Guidelines, Process and Procedures



Links & References to Microsoft Cloud Adoption Framework



Tools & Automation



### Environment Details

Learn about the discovered devices and software in the environment, their performance metrics, dependency mapping, security insights, among others. Information gathered by **Block 64** tool.



### Azure Foundations

Insights for data-driven recommendations to help customers determine actionable steps for digital transformations, cloud migrations, modernization and process improvement. It includes:

- Data and Infrastructure Migration
- Apps and Data Modernization
- Cloud Adoption Framework Analysis



### Modern Workplace

Detect opportunities to modernize your workplace, user experience, within a secure solution portfolio.



### Business Apps - AX

Provides information to help with the migration of on-premises Dynamics deployments to cloud-based Dynamics 365 services.

127

Servers

Storage Usage Flag ?

☒ No Flag

☐ Possible Outliers

Device-Name

All

Environment

All

Migration Group

All

SQL Edition

All

Other Tags

All

Azure VM Sizing

Azure Site Recovery

Dependency Mapping

Azure VMware Solution

Azure Arc

?

VM Sizing Scenario

1 year RI

3 year RI

As-Is

17,174.89

12,213.44

Cost-Optimized

13,705.11

10,720.68

Right-Sized

13,952.32

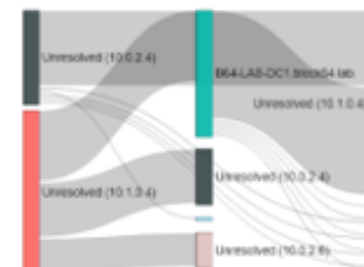
10,819.24

Azure Site Recovery to Azure

9,862.10

ASR Total

?



Scenario

Default

17,710.52  
Monthly Cost AVS

10

Servers Remain OnPrem

276.50

Monthly Cost

App Service Modernization

Database Modernization

Cloud Adoption

Business Value

Sustainability

2

Assessed Sites

App Name	Status
Default Web Site	<span style="color: red;">✗</span> Block
Test Web Site	<span style="color: green;">✓</span> Allow

72

Assessed Databases

Issues by Compatibility Level

● BreakingChange ● MigrationBlocker

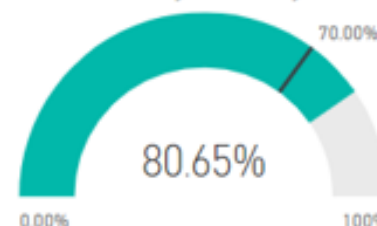
CompatLevel100

22

CompatLevel110

22

Cloud Journey Maturity



26,862.85

Initial OnPrem Budget

12,931.13

Final Azure Budget

51.86%

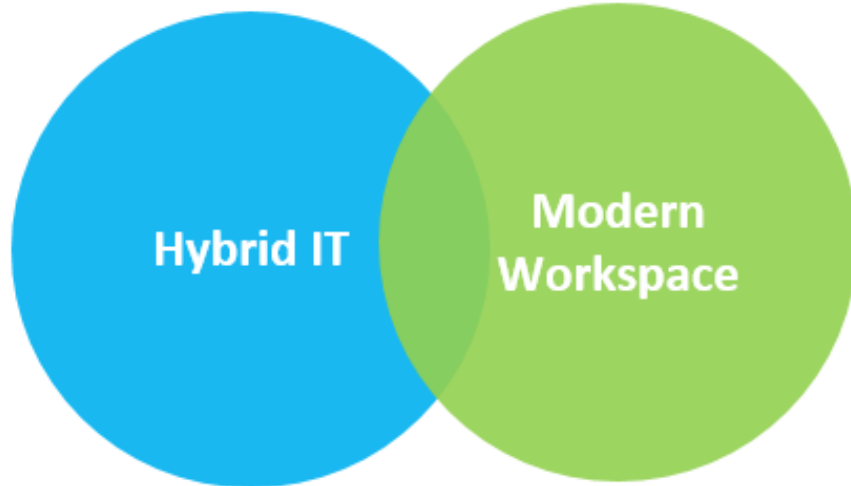
Savings%

Year	Carbon Footprint (KgCO2)
Year 1	8,713
Year 2	5,738
Year 3	3,486
Year 4	1,311
Year 5	549
<b>Total</b>	<b>19,797</b>



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# Domains to Consider

- **Business Needs**

- Agility and Time to Market
- Organization Size and Staff Maturity
- Compliance, Legal and Asset Control
- Global Reach and End-user Location
- Service Level Agreements and Flexibility

- **Technical Constraints and Characteristics**

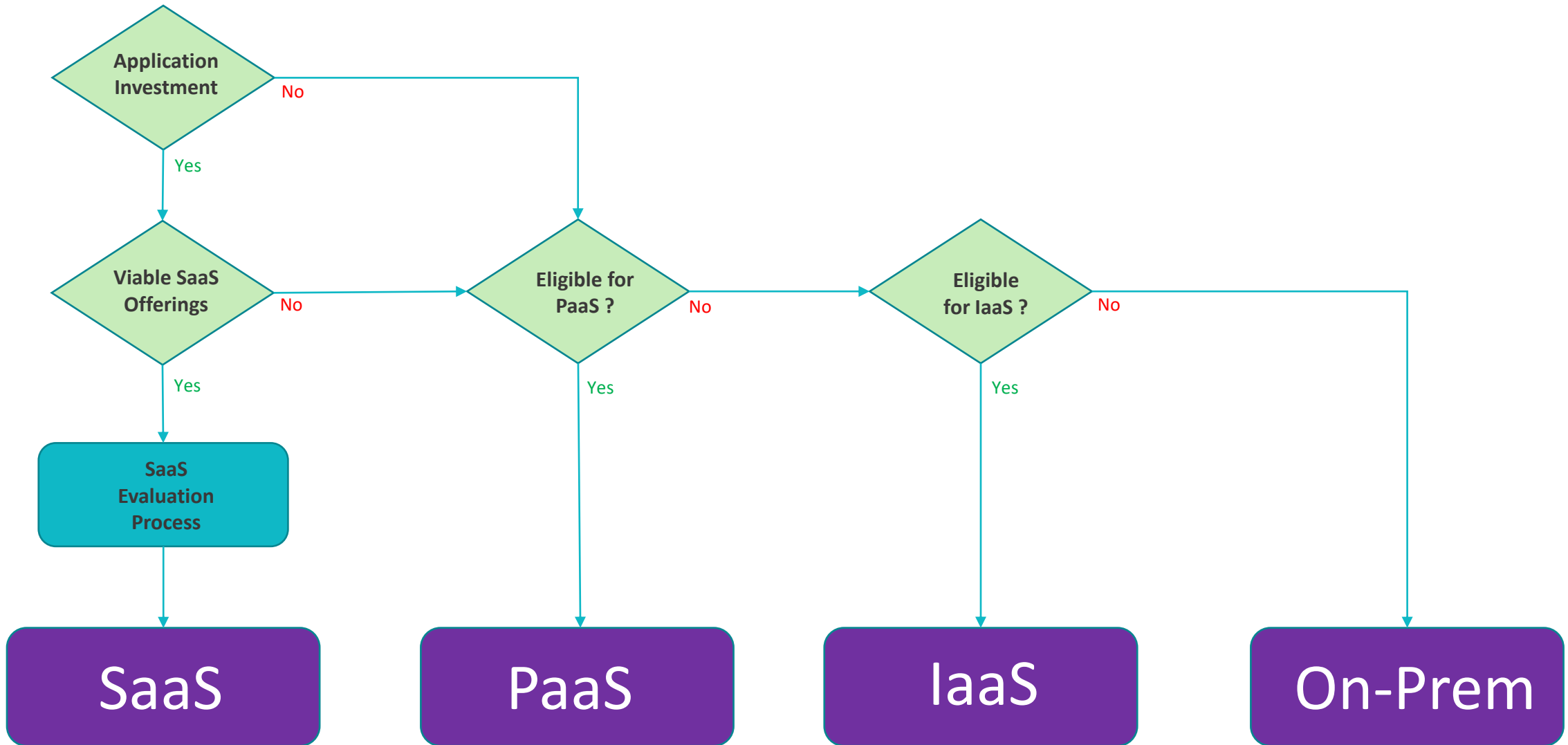
- Performance
- Security
- Integration
- Data Volume

- **Eco-system Considerations**

- SaaS Offering Maturity
- Cloud Solution Provider Offerings
- Cloud Expertise Availability

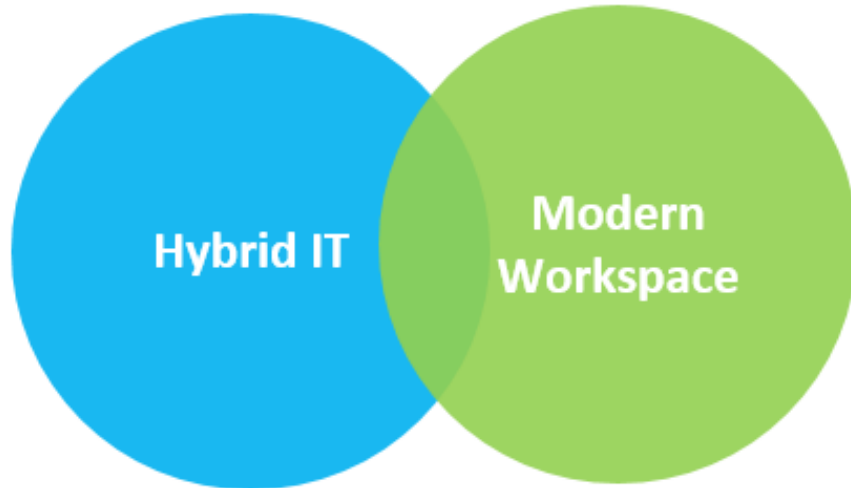


# Application Lifecycle and Workload Placement



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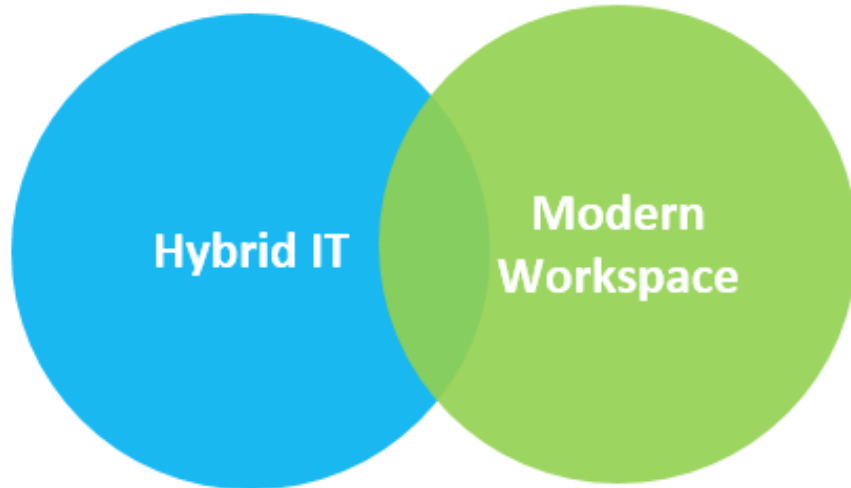
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# How to engage with Compugen

- **Compugen's offer to conference participants:**
  - 1 hour complimentary Cloud Discovery Discussion
  - Free Azure Cost Optimization Report
- **Reach out to your Compugen Account Executive**
- **Direct to Michael Bunnage – [mbunnage@compugen.com](mailto:mbunnage@compugen.com)**



# Azure Cost Optimizations

High Level Categories & Capabilities



## Right Size Resources

Right size all azure resources including VM's, PaaS Services, Storage, Disks and appliances.



## Terminate Zombie Assets

Zombie Assets can include unattached disks, VM's not being used.



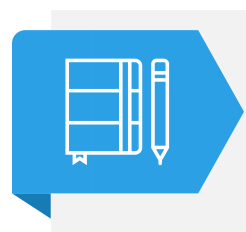
## Configuration Optimization

Optimizing data tiers, Geo Redundancy, Type of Disk, etc.... can dramatically impact the cost.



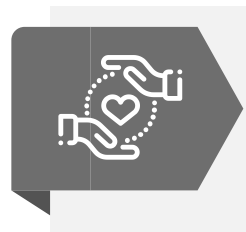
## Reserve Resources

Reserving resources for 1-3yr terms can provide huge savings (10-55%) opportunities for infrastructure that is always on or frequently used.



## Schedule Downtime

Turning off unused resources at night or during periods of non-use can result in significant savings over time.



## License Optimization

Hybrid Use Benefits, License Purchases or Subscription



## Resource Tagging & Budgets

Tagging and budgets are tools to ensure proper cost management over time. Informed customers are better able to manage their costs & make decisions



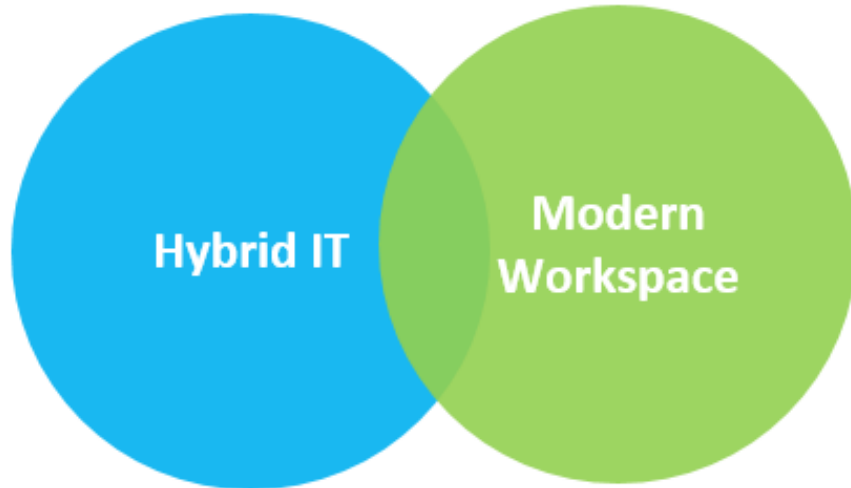
= Automated analysis and recommendations.



= Automated or semi-automated implementation

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Thank  
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