

Agenda

Introduction to AOC

Azure Starter Offer

Delivery Approach and Methodology

Deliverables

Introduction to AOC



APAC Assessment Operation Center (AOC) as an enabler of Digital Transformation

AOC will enable us to bring assessments at scale for our customers cloud transformation journey. AOC's focus is to drive impact with every customer, helping them with data on existing infrastructure, security threats and migration options to support their business strategies. With an emphasis on value-added assessments for cloud enablement and consumption, AOC is based on three main pillars:



ONE scalable assessment engine across APAC driving cloud migration



Learn and **improve** assessments with customer urgency for cloud migration



End to **end** footprint from assessment to migration with process efficiencies

To enable the APAC AOC to scale out to as many customers as possible, we are wanting to work with Microsoft migration partners, by providing partners with licenses for ISV tools to assist with discover and assess phase of a customer's migration journey.











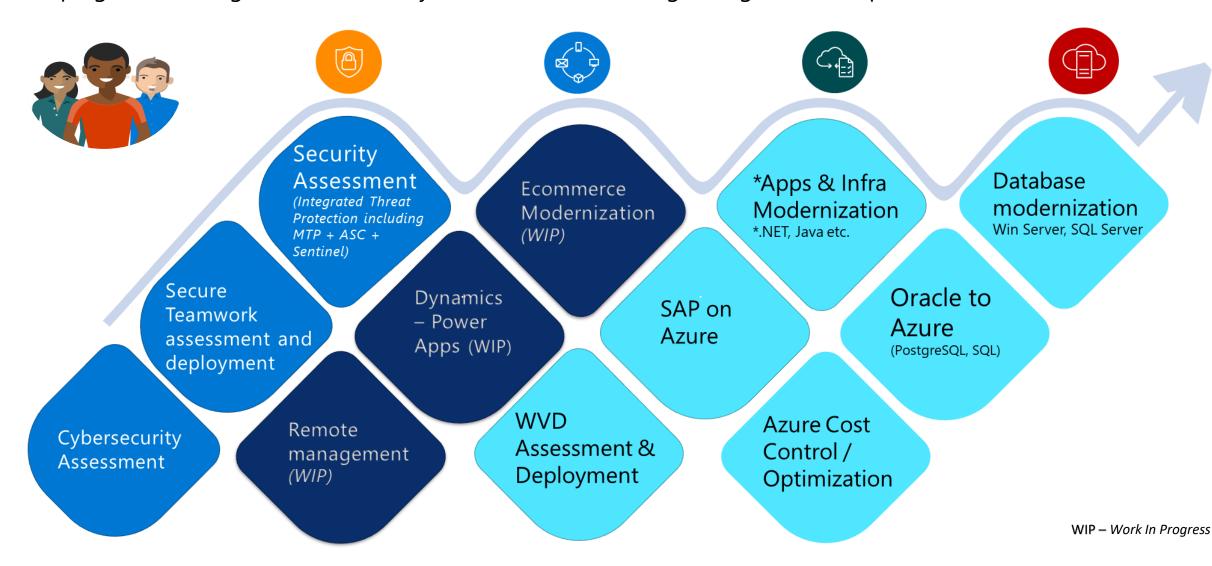






Various Solution Assessment Engagement Types for every customer

Helping customers gain cost efficiency on Investments while growing Cloud adoption.

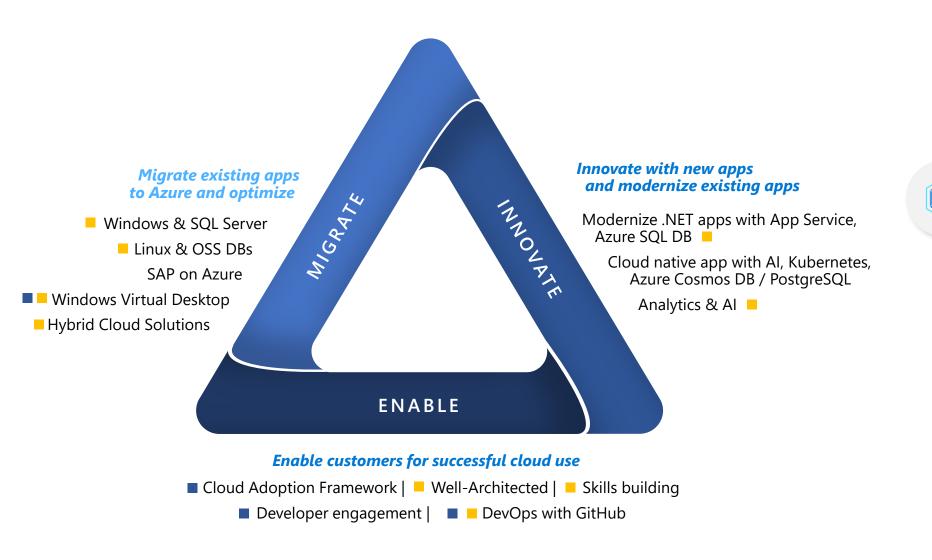


Azure Starter Offer (ASO)



One Stop Shop for ALL Azure Related Nominations

Priorities and Sales Play for FY21 – Apps, Data and Al



Immediate Crisis focus areas

Cost Savings focus areas

Specialized Areas

Applications: IoT, Mixed Reality, Gaming

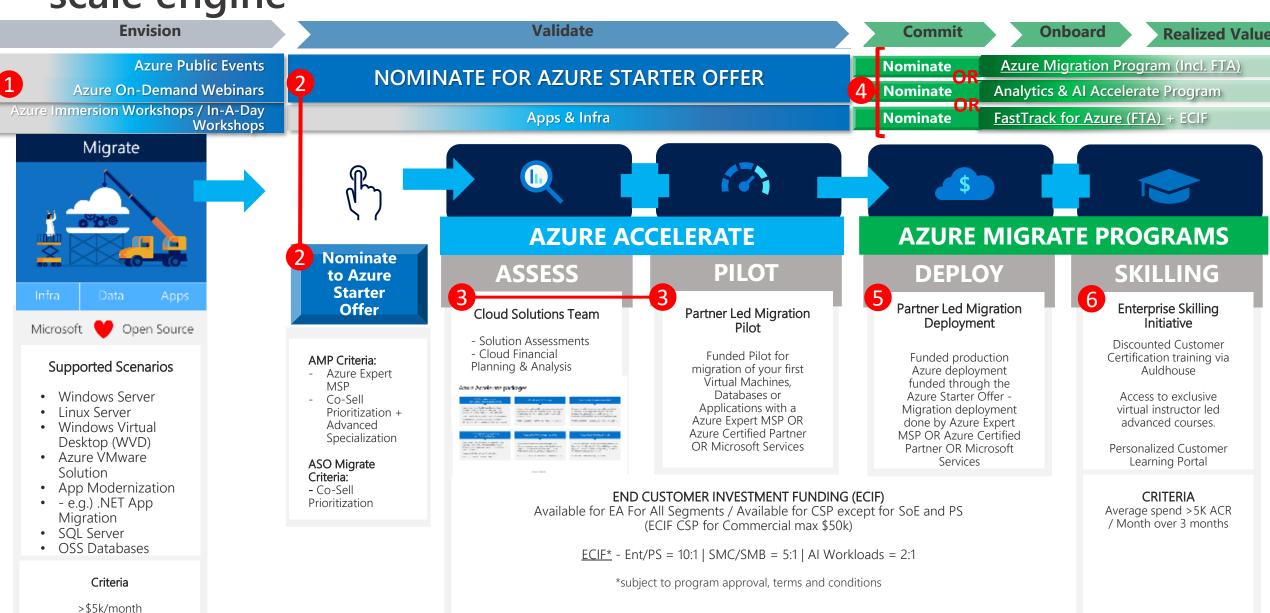
Infrastructure: Azure VMware

Solutions, HPC,

Advanced Networking

Azure Sentinel

APAC Assessment Operation Center (AOC) as delivery at scale engine



We will help the customers to kick-start their Cloud migration journey

The **Azure Starter Offer (ASO) Migrate** is designed to provide customers with **FREE** assessment and first migration to Azure. Data-based recommendations will be developed utilizing modern tools to collect and analyze the full customer deployed software and hardware.

The program includes assisted migration **assessment** across your environment to create a consolidated migration analysis, including total cost of ownership (TCO) analysis, infrastructure, database and application modernization recommendations and/or **first migration** of your first virtual machines, database or application with our certified Azure partners. Optionally, we can also provide **Business Value Analysis** to strengthen cloud migration business case/Cloud financial planning.

This exercise will give you better understanding of key insights below.





Cloud readiness



Azure total cost of ownership (TCO)



Cloud migration roadmap

Assessment

Pilot

ASO Migrate Assessment Options

Infrastructure Optimization

High level TCO assessment of virtual machines, physical servers, applications, databases, with consolidation opportunities, and migration scenarios for JaaS and PaaS and cloud-potential apps. This assessment is used to generate a customizable cloud strategy and business case that can be output into easy-todigest reports that can

be delivered to

makers

business decision

Application Dependency Mapping

The assessment is designed to identify the interdependencies between your solution stacks including the application, database and VM. When planning your migration to Azure, phasing your migration by solution architecture or business unit requires understanding the interconnectivity between the solutions so you can migrate with confidence

Application Modernization

Based on static code analysis, configuration data, and development team interaction, this assessment provides a deep and detailed analysis of applications and their readiness to migrate to a cloud environment.

This assessment provides an initial assessment of the cloud migration effort; in the re-factoring process by offering detailed code-level changes for the Cloud; and in final testing against enterprise control frameworks.

Each of these assessment options can be run independently or run as a complete Cloud Economics Assessment.

They can also be run over a phased approached

The AOC can tailor this to each customers specific requirements

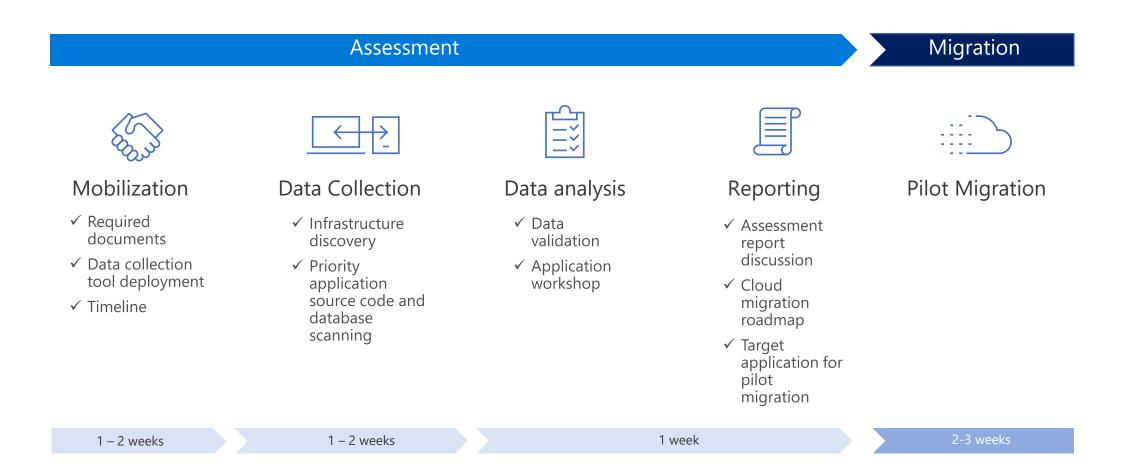
Assessment

Approach and methodology



We will work with the customer to have a better understanding of their IT infrastructure and applications

A collaborative five phased engagement delivery approach.



Key activities during data collection phase

Our team will perform baselining of your IT infrastructure to have an up-to-date view of your environment.





- ✓ Inventory data
- ✓ Performance data
 Using data collection tools

2 Data validation

- ✓ Review and confirmation of available data
- 3 Analysis
 - ✓ Cloud Recon Tool





Application Modernization Assessment



- Application prioritization
- ✓ Application source codes .Net, Java and Php Dependencies such as Web API, Windows Services
- ✓ Database

SQL Server, MySQL, Oracle to PostgreSQL

- 2 Analysis
 - ✓ Cloud Pilot tool source code assessment
- 3 Application workshop
 - ✓ Cloud Pilot Tool

Cloud Economics Assessment Report

- ✓ Infrastructure landscape
- ✓ Lift and Shift (laaS) Total cost of ownership (TCO): PAYG, 1 Yr RI, 3 Yr RI
- ✓ SQL Server Database Modernization Insights

Application Readiness to Azure Migration Report

 Application and Database
 Compatibility check with laaS (Lift and Shift), PaaS (App Service and Containers)

PAYG – Pay-as-You-Go, **RI** – Reserved Instance

We will leverage various tools to discover customer IT estate

All ISV tools are funded by Microsoft and provided to Partners and Customers.





- Cloud based
- Supports inventory and performance discovery – Windows , Linux, VMWare and SQL Servers
- Scan can be targeted
- Collects SQL and Database information



Azure Migrate

- Cloud based
- Supports inventory and performance discovery – Windows , Linux
 Requires SQL scrips to collect SQL and
 - Database information



MAP Toolkit

- Agentless
- On-premise
- Supports inventory and performance discovery – Windows , Linux, SQL, Oracle, etc.
- <u>Does not collect</u>
 NetStat data needed for Application
 Dependency



Cloud Recon

- Cloud based
- TCO Calculation
- Lift&Shift, SQL MI, PaaS options
- Costing for
 - Pay as You Go,
 - 1yr Reserved Instance,
 - 3yr Reserved Instance.



Application Dependency

- Cloud based
- Using NetStat data from Movere or Azure Migrate to map out application and database interdependencies



Cloud Pilot

- Cloud based
- Application source code analysis
- Application and Database readiness for Lift&Shift, PaaS or SaaS

Need to install console in the environment

Discovery Tools All Assessment Options

(choose most suitable tool depending on Assessment options)

No installation required

No installation required

Installation required

Data Analysis Tools

Infrastructure Application
Dependency

Application Modernisation

Tool driven data collection approach

To enable the APAC AOC to scale out to as many customers as possible and assist with discover and assess phase of a customer's migration journey.

	Discovery	Discovery/ Analysis/ TCO				App Modernization		Security Analysis		小人
Assessment	МАР	Azure Migrate	Movere	Cloudamize	UnifyCloud CloudRecon	CAST	UnifyCloud CloudPilot	Block64	CSAT	Leverage a tool in all Assessn
Data & Infrastucture Migration										
Application Modernization										_
SAP on Azure										
Azure Foundations										Grow
Azure Cost Optimization										1st party tool foot
Azure Express										
Workplace Modernization										_
Cybersecurity Assessment										
Teams Assessment										Continue
Contract Optimization										Framework agreemed select ISV & identify co-sel



ments

otprint

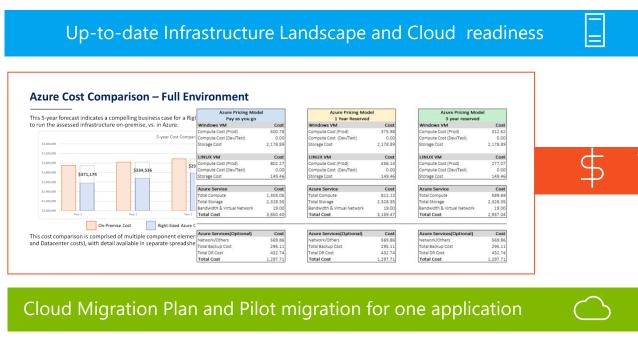
ent with identify co-sell opportunities

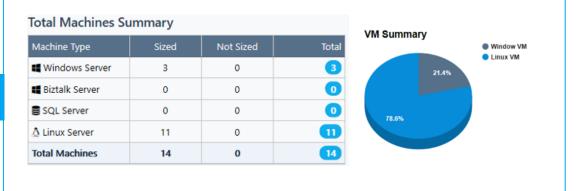
Deliverables



Data collected during the "Assess and Discover" phases along with the additional customer inputs will be the

basis for the development of the final report.

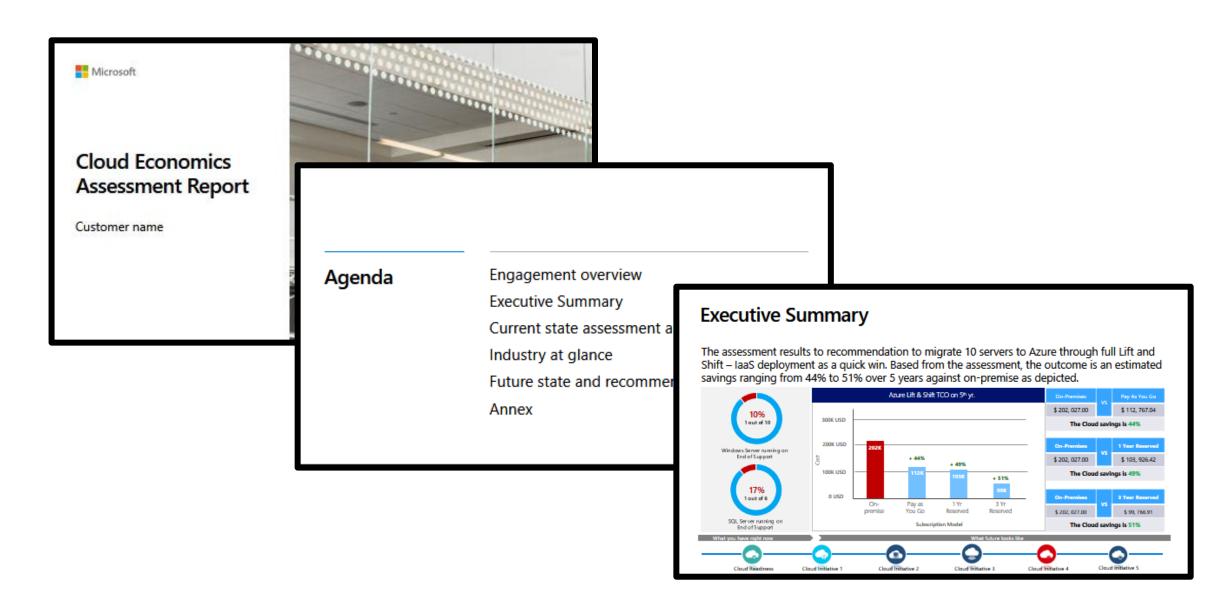


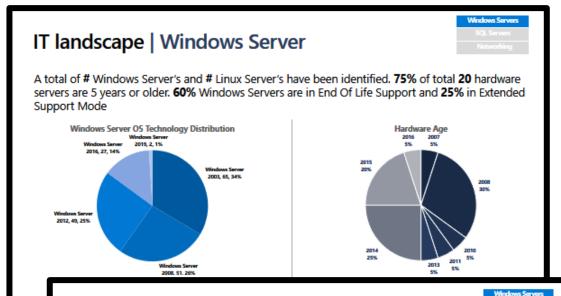


Total Cost of Ownership (Lift & Shift, Data Platform Modernization Opportunities)

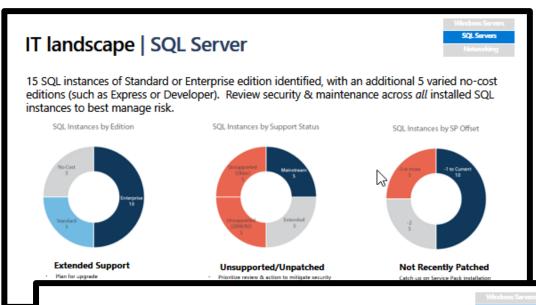


All deliverables presented above are for **illustration** purposes only. Final output may vary.





Reviewing and planning around the Operating System Lifecycle is key to securing on-premise infrastructure and prioritizing Azure migration. Microsoft is invested in supporting customers moving to the cloud as a part of infrastructure modernization and provides resources to help keep your environment secure. Windows Server OS Technology Distribution Extended Support (25%) Plan for upgrade of systems in Extended Support Support ends 10th Cottober 2023. Unsupported (60%) To mitigate active security risks, prioritize review of OSEs for decommission, upgrade, or migration.



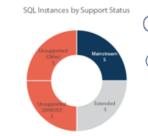


Networking

SOL Servers

Microsoft offers three years of Extended Security Updates for SQL Server 2008 & 2008R2 when run in Azure, providing support to customers whose use cases did not permit upgrade to a supported version before support ended on July 9, 2019.

Of the 20 SQL Server Instances identified as Unsupported in Contoso's environment, 5 are SQL 2008 or 2008R2, and eligible for the Extended Security Updates offer.



Run SQL in an Azure VM (laaS)

When running 2008/R2 systems in an Azure laaS VM, Microsoft offers Extended Security Updates for an additional three years beyond normal End of Support.

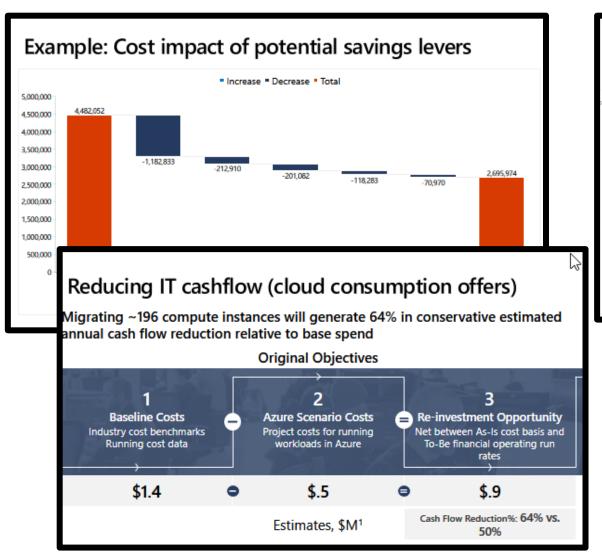
Move to Azure SQL Managed Instances

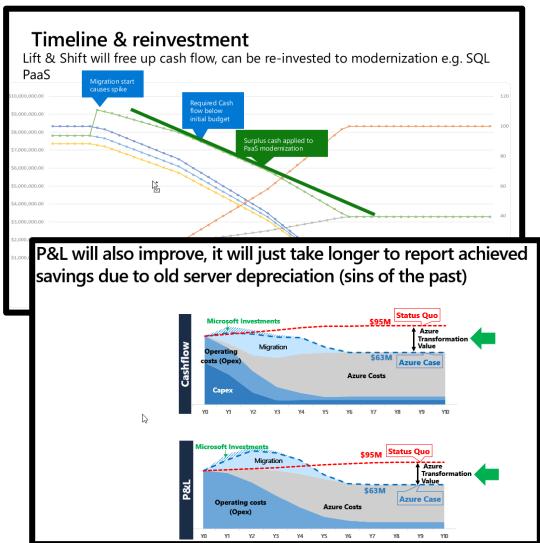
MI supports source version back to 2005, removes the requirement to manage the OS layer, and runs your database on a modern, secure system.

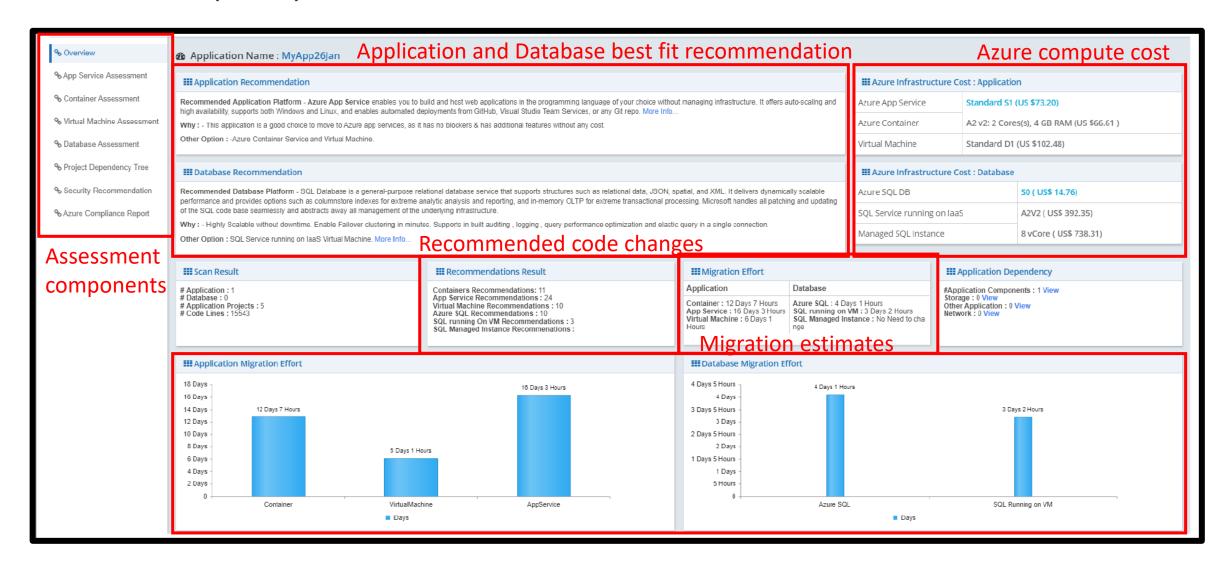
↑ Upgra

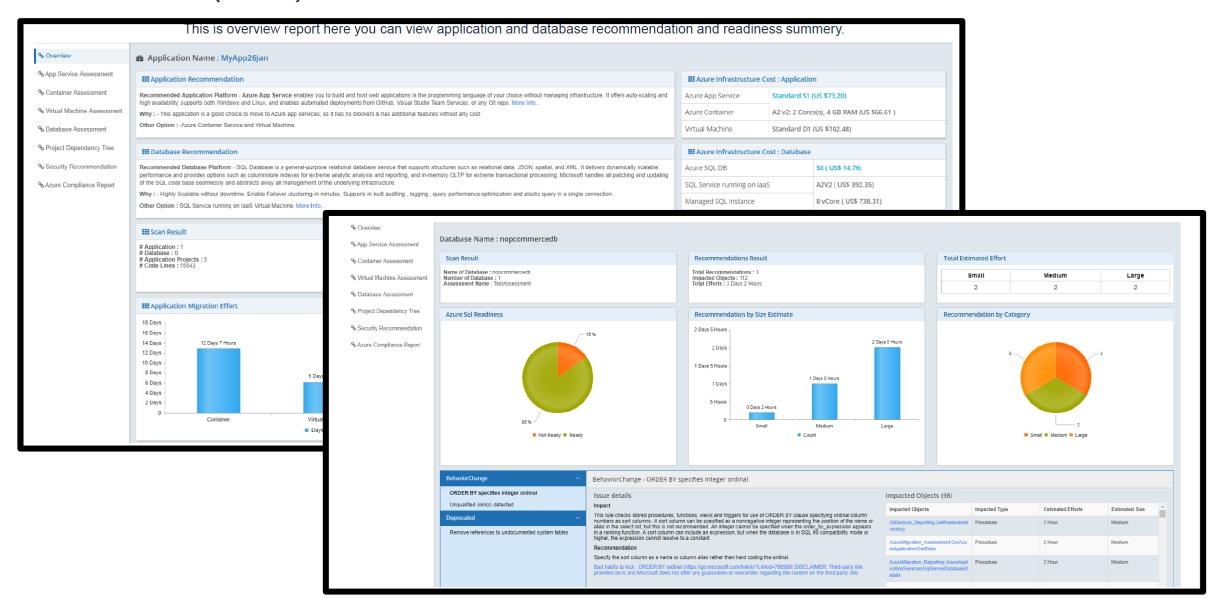
Upgrade on-premises systems

The currently unsupported systems could be pushed to modernize in their current locations, but this may create a significant resource impact, and may conflict with other system requirements.









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