

CASE STUDY

Data-Backed Azure Assessment & Readiness Planning for Enterprise Aviation

Customer: Premier Global Airline

Industry: Aviation & Travel **Region:** Middle East



CUSTOMER BACKGROUND

One of the world's leading global airlines, renowned for its award-winning service and international route network connecting over 170 destinations through its premier hub in the Middle East, required a clear foundation for cloud adoption. Managing a critical, highly secure IT infrastructure supporting continuous 24/7 aviation and passenger operations, the organization needed to evaluate its enterprise server estate to de-risk its future transition to Microsoft Azure.

170

Destinations Served

2,000

Servers Assessed

PROJECT OVERVIEW

The project required a deep infrastructure assessment and Azure cloud readiness evaluation covering ~2,000 Windows and Linux servers. Operating across isolated network segments, the mandate required innovative pass-through architecture using Corent Vanguard servers, rapid agentless scanning to avoid operational delays, dependency-aware wave grouping, and utilization-based Azure cost and performance modeling.

KEY CHALLENGES

01

Isolated Network Pass-Through

Complex pass-through requirements across isolated network segments created significant barriers to comprehensive estate discovery.

02

Complex Dependency Mapping

Intricate application interdependencies made manual migration sequencing difficult and error-prone.

03

Scan Velocity & Timeline Risk

Deep agentless scanning across 2,000 servers threatened to add 40+ hours of scanning overhead to the project timeline.

04

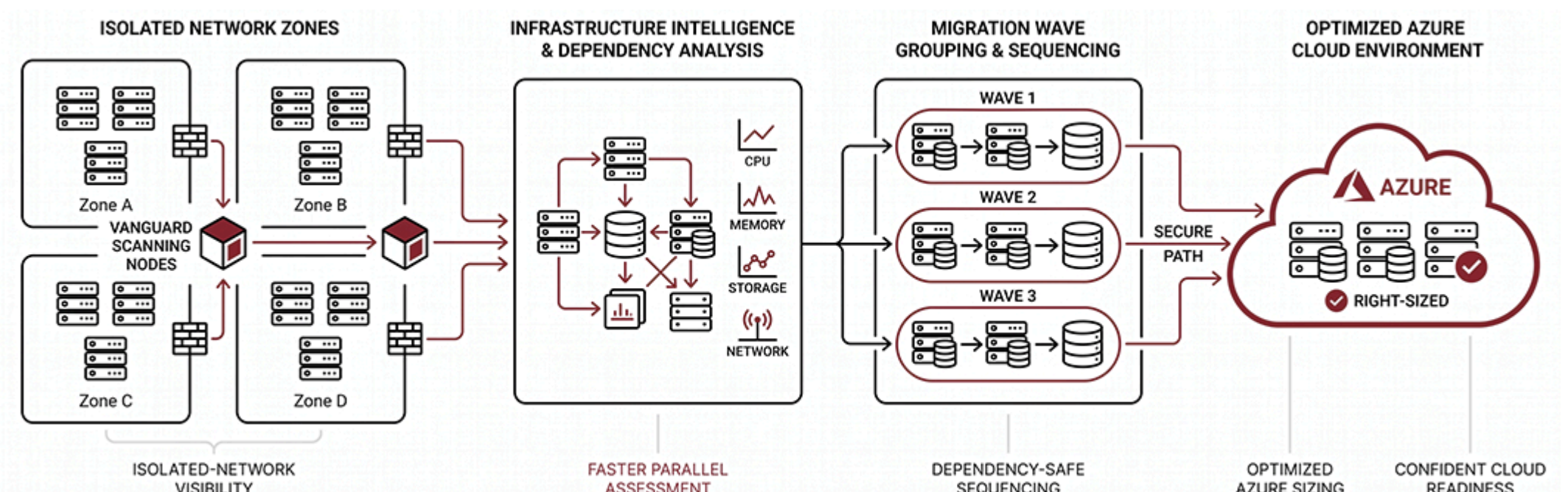
Outage Risks from Missequencing

Moving application components out of sequence with their dependencies presented severe risks of service disruption.

05

Cloud Performance Parity Uncertainty

Lack of granular utilization history left leadership uncertain whether target Azure instances would match on-premises performance.



SOLUTION APPROACH

01 ISOLATED VANGUARD DEPLOYMENT

Conducted targeted R&D to validate pass-through feasibility using three isolated Corent Vanguard server appliances.

02 OPTIMIZED SCAN WORKFLOWS

Evaluated and deployed multi-Vanguard parallel scanning strategies to eliminate deep-discovery delays.

03 COORDINATED WAVE GROUPING

Isolated active process interdependencies to cluster interconnected components into synchronized move groups.

04 CRITICALITY-BASED SEQUENCING

Classified workloads by business impact and architectural complexity to build structured migration waves.

05 PERFORMANCE-BACKED AZURE RIGHT-SIZING

Analyzed multi-metric historical utilization data (CPU, memory, disk, network) to size target Azure resources accurately.

Business Impact

Corent MaaS successfully delivered total estate visibility across 2,000 Windows and Linux servers for the airline using a custom multi-Vanguard architecture. The platform overcame isolated network constraints, eliminated 40+ hours of scanning delays, de-risked application sequencing, and generated performance-validated Azure cost models to equip leadership with a reliable, data-backed cloud modernization roadmap.

STRATEGIC VALUE DELIVERED

01 ISOLATED NETWORK VISIBILITY

Solved network pass-through barriers to achieve full discovery across 2,000 hybrid servers.

02 ACCELERATED ASSESSMENT VELOCITY

Streamlined multi-Vanguard workflows to save over 40 hours of potential scan time.

03 ZERO-OUTAGE WAVE PLANNING

Sequenced move groups by dependency depth, eliminating application disruption risks.

04 PREDICTABLE EXECUTION ROADMAP

Established clear, business-criticality wave structures for seamless cloud transition.

05 OPTIMIZED AZURE TCO

Eliminated over-provisioning and validated performance parity using historical resource metrics.

06 DATA-BACKED CLOUD ALIGNMENT

Provided executive leadership with precise, de-risked Azure transition intelligence.



Planning a Move to Microsoft Azure?

Map isolated workloads and sequence your waves without scan delays. Request a live demo today!

✉ info@corenttech.com

🌐 www.corenttech.com