

The background of the slide features a blue-tinted image of a person's hand holding a glowing, wireframe cloud icon. The cloud icon has a house-like shape inside it, representing AWS. The background also shows a blurred office interior with windows and a network of glowing lines and dots, suggesting a digital or cloud environment.

AWS Transform Migration Assessment

18th July 2026



Executive Summary



Insights



Financial Overview Summary



Next Steps



Demo - Step-by-Step Process



Executive Summary



Scope

- Results based on a scope of xxx servers and xxx TiB of storage
- xx inactive desktops removed from scope



Insights

- Right-sized & optimized models
- \$xxxx annualized spend on AWS
- 32% savings compared to On-Demand modeling



Next Steps

- Engage a specialist
- Microsoft licensing enterprise agreement (EA) Renewal Support
- Perform wave planning using VMware job
- Engage AWS Migration Acceleration Program



Assessment Scope



Servers

- Total servers: xxx
- Windows Servers in scope: xxx
- Linux Servers in scope: xx



Storage

- Server Storage: xx TiB

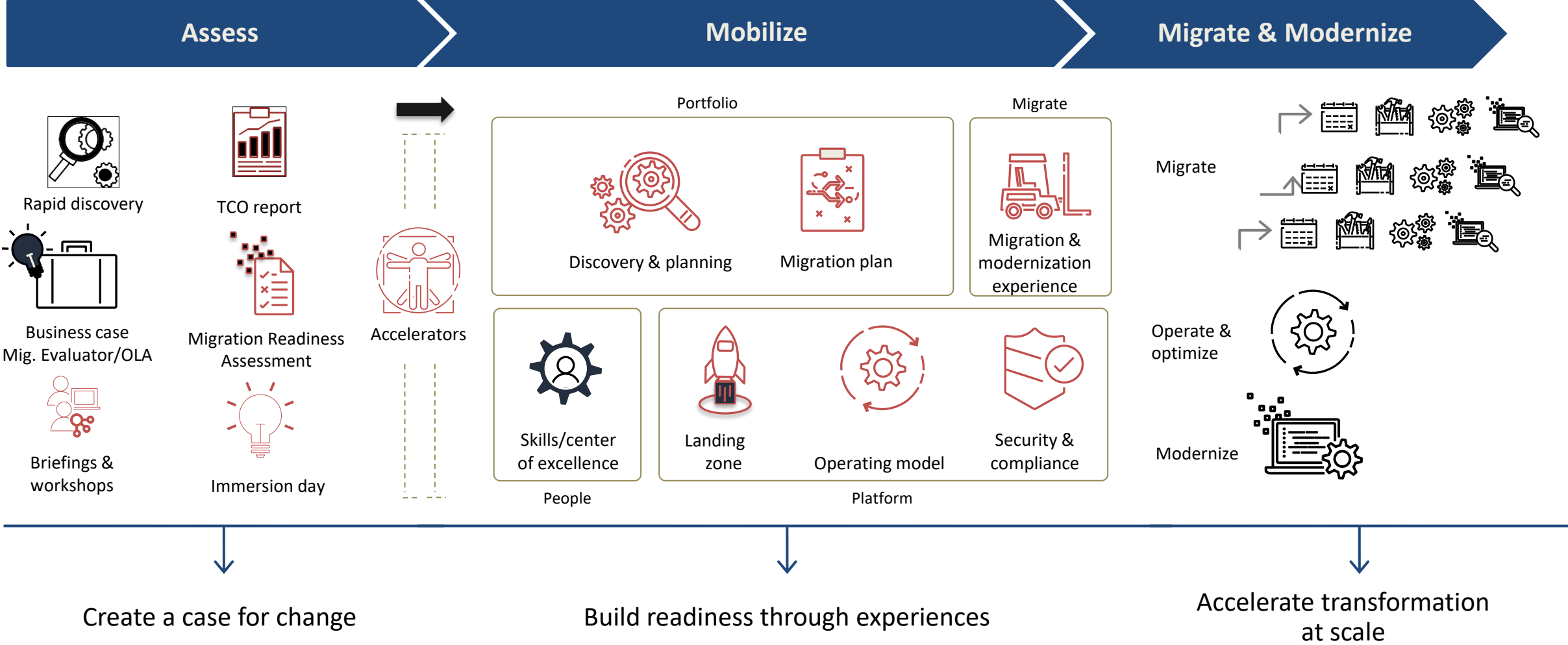


Excluded from Assessment

- Inactive servers: 0
- Windows desktops: xx



Migration Customer Journey



Insights



US East (N. Virginia)

	On-Demand	1 Year AURI (Shared Tenancy)	3 Year AURI (Shared Tenancy)
Compute	\$xxxxx	\$yyyyy	\$zzzzz
Storage	\$xxxxx	\$yyyyy	\$zzzzz
Annual total	\$xxxxxx	\$yyyyyy	\$zzzzzz
Annual Savings compared to On-Demand		yyyy%	zzzz%

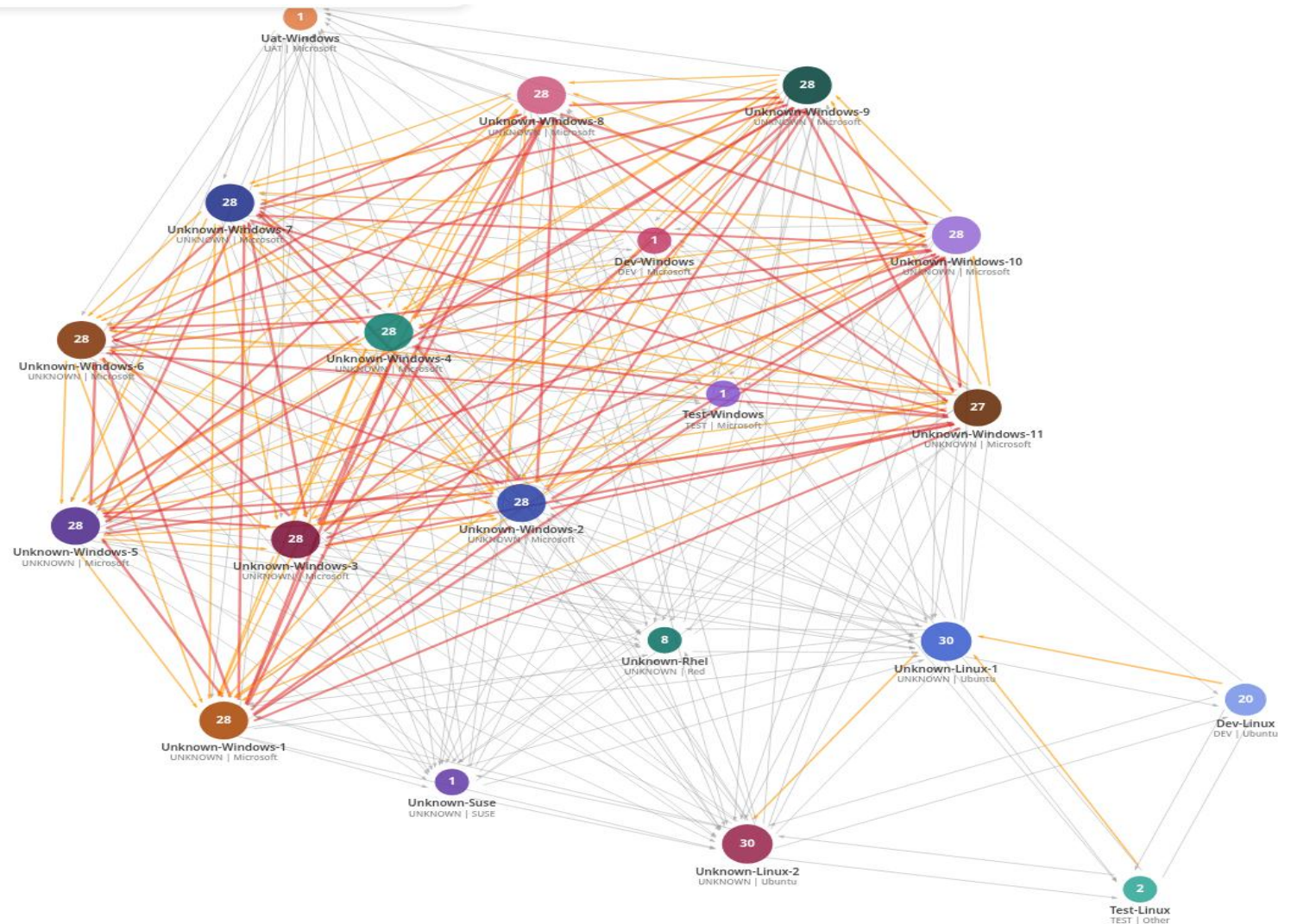
Assumptions

- AWS Region used for cost modelling: US East (N. Virginia)
- Peak CPU Utilization: 25% (when data is missing)
- Peak Memory Utilization: 60% (when data is missing)
- BYOL (Bring Your Own License) eligibility for SQL Server and Windows Server is subject to Microsoft licensing terms
- Windows Server BYOL (Bring Your Own License) only available on dedicated hosts for versions prior to Windows Server 2022
- Server Attached Storage Utilization: 50% (when data is missing)
- Server Attached Storage Capacity: 500 GiB (when data is missing)

Financial Overview Summary



Dependency Diagram



Wave - 1

Applications	servers	Fileshares	Databases	WebApp
APP1	Server1			
	Server2			
	Server3			
	Server4			
	Server5			
APP2	Server6		Database1	
APP3	Server7			

Wave - 2

Applications	servers	Fileshares	Databases	WebApp
Github self-hosted App1	Server1			
	Server2			
	Server3			
App2	Server4			
	Server5			
App3	Server6			
	Server7			

Next Steps



Engage a Specialist

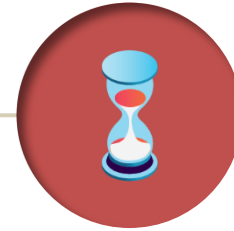
When to engage a migration specialist?



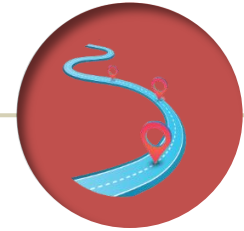
Infrastructure optimization
analysis and AWS service
selection



License optimization
scenarios to maximize cost
savings



Deep dive into specific
requirements



Develop customized
migration roadmap with
prescriptive next steps

Microsoft Licensing EA Renewal Support

Is Your 3-Year Microsoft EA Renewal within 6 months? Get expert recommendations for cloud-ready licensing if migration is planned within **12 months**

Software Assurance strategy for Windows & SQL Server

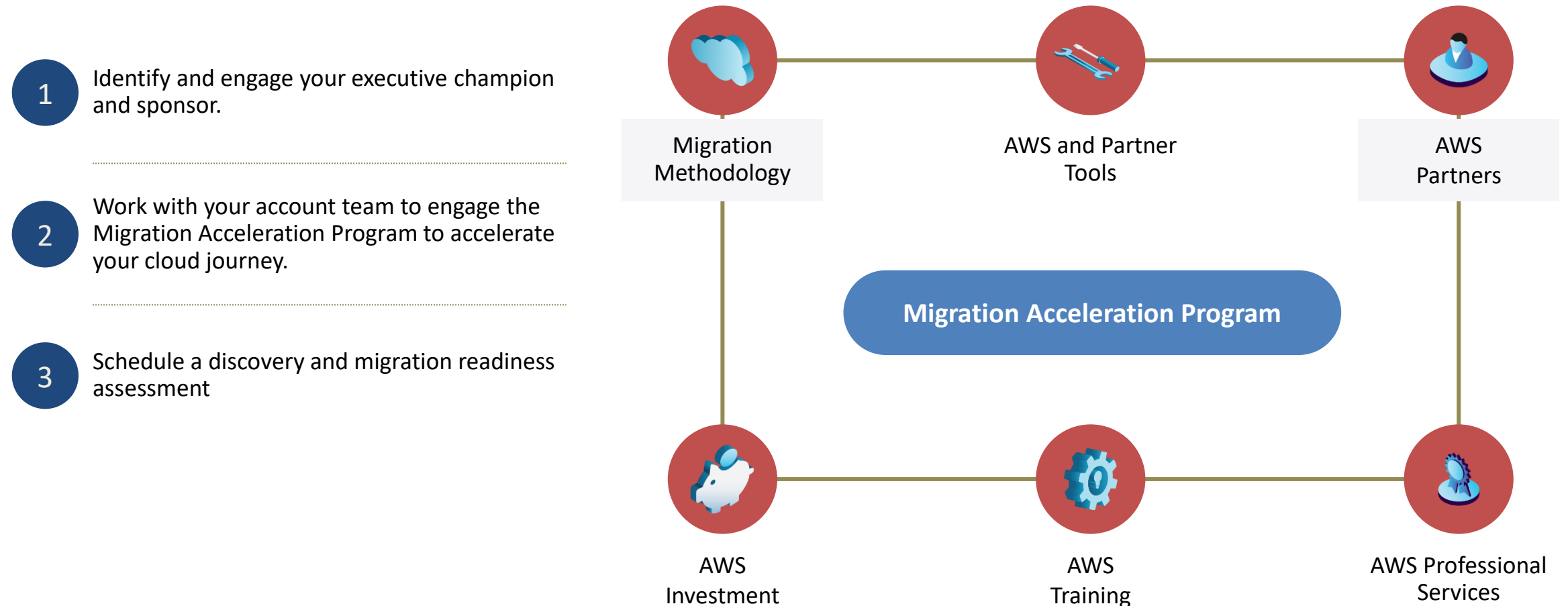
SQL Server core count optimization (pre/post migration)

Strategic choices between AWS License Included
vs BYOL instances



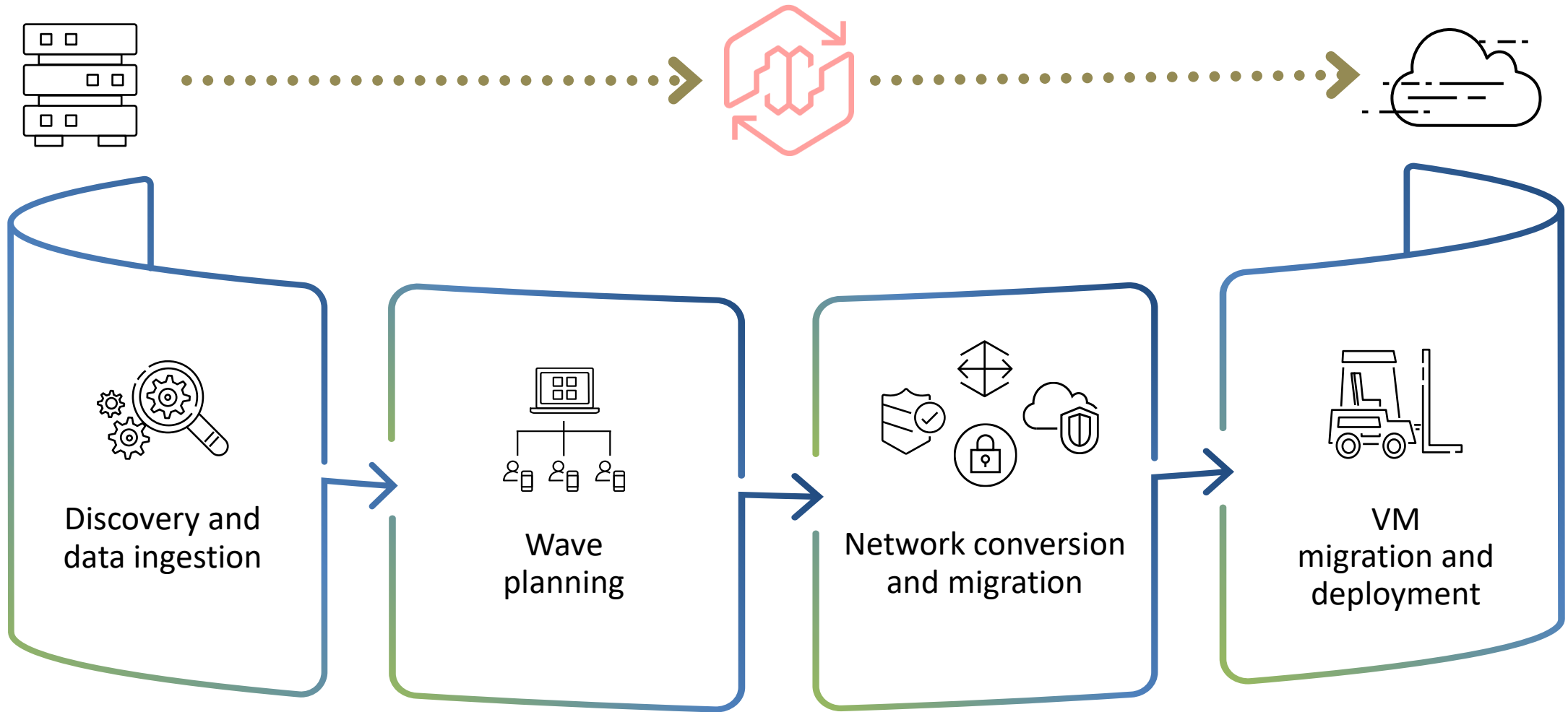
Migration Acceleration Program

The Migration Acceleration Program provides a comprehensive and proven methodology, based on experience migrating hundreds of enterprise customers, making cloud adoption easier and allowing customers to gain cloud benefits sooner. MAP consists of an agile-based migration approach, a global network of vetted partners, automation tools, a training path to up-skill staff, professional services, and financial investment to help manage transition costs.



Wave Planning & Migration using VMware Job

Transform your VMware environment into a modern, cost-efficient AWS cloud infrastructure while enhancing security and unlocking innovation with AI-powered migration



An overhead view of a business meeting taking place around a large, rectangular wooden table. Six people, three men and three women, are seated around the table. They are all dressed in professional business attire, including blazers and sweaters. The participants are engaged in various activities: some are looking at documents or laptops, while others are writing in notebooks. There are two coffee cups on the table. The background is a dark, textured floor, and a small potted plant is visible in the top right corner. The overall atmosphere is professional and collaborative.

AWS Transform

DEMO

Step-by-Step Process



EXPANDED DISCOVERY

Workspaces > Migration and modernization 2025 > VMware Assessment 2025-11-29

Job plan

Generate Migration Business Case

Completed

Generate directional cost estimates and savings analysis

Share on-premises server data with storage

Review AWS Migration Business Case

I've prepared your Migration Business Case and can answer any questions about it. What would you like to dive into?

JD What is my server distribution?

Based on your migration assessment job, here's the server distribution:

Overall Server Breakdown

Total Servers: 30

- 19 Virtual Machines (VMs)
- 11 Physical/Bare Metal Servers

Operating System Distribution

- Windows Servers: 18
- Linux Servers: 10
- RHEL Servers: 2

Resource Allocation

Compute Resources

- Virtual Machines: 152 vCPUs, 272 GiB memory
- Physical Servers: 704 logical cores, 2,816 GiB memory
- Total: 384 vCPUs across all infrastructure

Storage

- VM Storage: 9,500 GiB
- Physical Server Storage: 5,500 GiB
- Total Storage: 1.8 PiB (including NAS, SAN, and object storage)

Database Servers

- 2 Enterprise SQL Servers
- 1 Standard SQL Server
- 2 PostgreSQL Servers

What is my server distribution?

Show my database breakdown

Build migration waves

Ask a question

AWS Transform uses generative AI. You may need to verify responses.

Review AWS Migration Business Case

Insights

Summary

Cost Component	On-Demand	1-Year NURI (Shared Tenancy)	3-Year NURI (Shared Tenancy)
Compute	\$211,837	\$150,067	\$110,492
Storage	\$338,237	\$338,237	\$338,237
Annualized Total	\$550,074	\$488,303	\$448,729
Annual Savings against On-Demand	-	11%	18%

Storage cost breakdown

Storage Type	Storage Mapped	Total Annual Cost
EBS	7.3 TiB	\$7,200
FSx	98.1 TiB	\$66,001
S3	1.7 PiB	\$265,036
Total	1.8 PiB	\$338,237

Next Steps

1. Engage Specialists: Engage a specialist if you want further support and

2. Perform wave planning and migration: Utilize the AWS Transform VM application assessment through dependency mapping, create migration plans, and execute migrations.

Download AWS Migration Business Case

SELF-SERVICE
BUSINESS CASE

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20

Workspaces

>

Migration and modernization 2025

>

VMware migration wave plan 2025-12-1

N. Virginia (us-east-1)

JD

Awaiting user input

Running

Job plan

Import inventory

Completed

Upload application, server, and network data to build your inventory

Create wave plan

Awaiting user input

Group applications into migration waves

Scope and analyze

Group applications

Generate move groups

Build waves

Perfect! I've created your waves using your priority rules. Here's what I'm proposing:

WAVE PLAN CONFIGURATION – READY FOR APPROVAL

Expected Wave Distribution (8 Waves Total)

Wave	Move groups	Apps	Details
Wave 0	mg_010	2	OrderService, InventorySync (Team_A, Linux, Active)
Wave 1	mg_011	1	CustomerProfile (Team_A, Linux, Active)
Wave 2	mg_012	3	WebServer-Frontend, API-Gateway, LoggingService (Team_B, Linux, Active)
Wave 3	mg_013	2	PaymentGateway, BillingEngine (Team_B, Linux, Active)
Wave 4	mg_014	2	AnalyticsEngine, DataWarehouse (Team_C, Linux, Active)
Wave 5	mg_015	1	LegacyAuthService (Team_C, Linux, Legacy)
Wave 6	mg_016	1	FinancialReporting (Team_D, Windows, Active)
Wave 7	mg_017	1	HRPortal (Team_D, Windows, Active)

✓ All Your Priority Rules Applied

✓ Database grouping - Applications sharing SQL, PostgreSQL, or Oracle backends were grouped into the same or adjacent waves.

✓ Team alignment - Each wave is organized by application team:

- Team_A (Waves 0–1)
- Team_B (Waves 2–3)
- Team_C (Waves 4–5)
- Team_D (Waves 6–7)

✓ OS separation

- Linux workloads placed in Waves 0–5

Can I move an app to another wave?

Explain the logic behind each wave

Show dependency reasons

@ Build waves:

AWS Transform uses generative AI. You may need to verify responses.

NAURAL LANGUAGE-BASED
MIGRATION PLANNING

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21

☰ AWS Transform

N. Virginia (us-east-1) JD

Workspaces > Migration and modernization 2025 > VMware migration 2026-09-05

Awaiting user input ⋮ Running ⋮

📄

🔍

⚙️

📊

✅

📄

☰

🟢 VPC Networks Generated Successfully

I've created 8 VPCs using a hub and spoke topology:

Network Architecture:

- Hub VPC: 1 central connectivity hub with shared services
- Spoke VPCs: 7 application-specific networks
- VPC peering: Configured between hub and all spoke VPCs
- Transit routing: Centralized through the hub for inter-spoke communication

Generated Components:

- VPCs: 8 virtual private clouds with hub-spoke connectivity
- Security groups: Configured with NSX firewall rule mappings
- Subnets: Public and private subnet configurations across all VPCs
- Gateways: Internet and NAT gateways for ingress/egress traffic

Would you like to review and modify the VPC configurations to adjust CIDR blocks, security rules, or policies?

👍 🗨️ 📄

JD Yes.

I've opened the review panel. You can ask me any questions about the generated networks, or make changes as needed.

👍 🗨️ 📄

What changes can I make to these VPCs?

Explain the hub-and-spoke setup.

Show subnet and gateway details.

Add support ticket

Review generated VPC networks

Generated CloudFormation templates

View in S3 Console ↗️

VPCs (4)

VPC	Type	IPv4 CIDR	Target acc
▶ VPC_L2E_Alpha-Web_1	Spoke	172.31.0.0/16	marketing
▶ VPC_L2E_Alpha-Web_2	Spoke	172.31.0.0/16	finance (1
▶ VPC_L2E_Alpha-Web_3	Spoke	172.31.0.0/16	finance (1
▶ VPC_L2E_Alpha-Web_4	Hub	172.31.0.0/16	finance (1

Submit change

EXPANDED NETWORK TOPOLOGIES

INTEGRATED WITH AWS SUPPORT

Step-by-Step Process: Step1

The screenshot shows the AWS Transform console interface. At the top, the header includes the AWS Transform logo, the region 'N. Virginia (us-east-1)', and a user profile icon. Below the header, the breadcrumb navigation shows 'Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020'. A status bar indicates 'Awaiting user input' and 'Running'.

The left sidebar contains a 'Job plan' section with two tasks: 'Import inventory' (Upload application, server, and network data to build your inventory) and 'Generate Migration Business Case' (Analyze inventory and estimate cost). The 'Import inventory' task is currently selected and shows a yellow 'Awaiting user input' status.

The main content area displays a welcome message from AWS Transform: 'Welcome! I'm AWS Transform. I'm here to help you perform a migration assessment and build a data-driven AWS migration business case.' Below this, it lists the tasks it will help with: 'Discover and analyze your on-premises compute, storage and database workloads', 'Provide cost estimates and optimized right-sizing recommendations', and 'Deep dive into assessment results, customize the assessment or create multiple assessment what-if scenarios'.

It then provides instructions on how to get started: 'To get started, I'll need to understand your on-premises environment. You can: 1. Upload on-premises inventory files. You can upload the files in any format 2. Use AWS Transform discovery collector to collect on-premises inventory data 3. Provide a general description of the environment'. It asks 'How would you like to proceed?' and provides a chat input field with a placeholder 'Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.' and a send button.

At the bottom, a footer note states: 'AWS Transform uses generative AI. You may need to verify responses.'

Step-by-Step Process: Step2

The screenshot displays the AWS Transform console interface. At the top, the header shows 'AWS Transform' and the region 'N. Virginia (us-east-1)'. Below the header, the breadcrumb navigation indicates the current workspace: 'Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020'. The left sidebar contains a 'Job plan' section with two tasks: 'Import inventory' (marked as 'In progress') and 'Generate Migration Business Case'. The main content area shows a chat interface with the AWS Transform agent. The agent's welcome message states: 'Welcome! I'm AWS Transform. I'm here to help you perform a migration assessment and build a data-driven AWS migration business case.' It lists its capabilities: 'Discover and analyze your on-premises compute, storage and database workloads', 'Provide cost estimates and optimized right-sizing recommendations', and 'Deep dive into assessment results, customize the assessment or create multiple assessment what-if scenarios'. The agent then asks for the user's on-premises environment details and provides a numbered list of steps to get started: '1. Upload on-premises inventory files. You can upload the files in any format', '2. Use AWS Transform discovery collector to collect on-premises inventory data', and '3. Provide a general description of the environment'. A file upload box shows 'RV tool-CMDB-Test.xlsx' with artifact ID '6bd82d91-7cc3-42cf-a3bd-1375f9cca9c2'. The agent responds: 'Perfect! I'm processing your RVTools inventory file in the background. This typically takes a few minutes, and you can continue chatting with me while I work on it.' It then promises to analyze the file and notify the user when it's ready. At the bottom, there is a chat input field with a placeholder: 'Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.' and a disclaimer: 'AWS Transform uses generative AI. You may need to verify responses.'

Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020

N. Virginia (us-east-1)

Running

Job plan

Import inventory
Upload application, server, and network data to build your inventory
In progress

Generate Migration Business Case
Analyze inventory and estimate cost

June 6, 2026

AWS Transform
Welcome! I'm AWS Transform. I'm here to help you perform a migration assessment and build a data-driven AWS migration business case.

I'll help you:

- Discover and analyze your on-premises compute, storage and database workloads
- Provide cost estimates and optimized right-sizing recommendations
- Deep dive into assessment results, customize the assessment or create multiple assessment what-if scenarios

To get started, I'll need to understand your on-premises environment. You can:

- Upload on-premises inventory files. You can upload the files in any format
- Use AWS Transform discovery collector to collect on-premises inventory data
- Provide a general description of the environment

How would you like to proceed?

Uploaded on-premises inventory file

RV tool-CMDB-Test.xlsx
Artifact ID: 6bd82d91-7cc3-42cf-a3bd-1375f9cca9c2

AWS Transform
Perfect! I'm processing your RVTools inventory file in the background. This typically takes a few minutes, and you can continue chatting with me while I work on it.

I'll analyze the file to identify your servers, storage, databases, and other resources, then notify you when it's ready. Once complete, I'll show you what I found and we can start building your AWS migration assessment.

Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.

AWS Transform uses generative AI. You may need to verify responses.

Step-by-Step Process: Step3

AWS Transform N. Virginia (us-east-1) MM

Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020 Awaiting user input Running

Job plan

- Import inventory**
Upload application, server, and network data to build your inventory
Completed
 - Upload VMware inventory
 - Summarize inventory
- Generate Migration Business Case**
Analyze inventory and estimate cost
In-progress

I'll analyze the data to identify your servers, storage, databases, and other resources, then notify you when it's ready. While completing, I'll show you what I found and we can start building your AWS migration assessment.

AWS Transform
Your infrastructure inventory is ready. [Review summary.](#)

AWS Transform
I've successfully processed and analyzed all of the data you have provided:
Inventory Summary:

- Servers:** 492

I'll start creating your initial migration scenario to assess these workloads.

AWS Transform
Configuring scenario for Initial Assessment...

AWS Transform
Your Migration Assessment Plan is Ready!
I've analyzed your 492 servers and prepared a comprehensive assessment. Here's what I found:

Assessments Configured
EC2 Compute Assessment

- Resources:** 435 servers
- Target region:** US East (Northern Virginia)
- Pricing:** 3-year reserved instances with standard payment
- Right-sizing:** 25% CPU, 60% memory utilization (defaults — actual utilization from your inventory will take precedence when available)
- Instance preferences:** Cost-optimized selection, excluding older generations (m4, c4, r4, i3, t4g, t2)
- Windows licensing:** License included (no BYOL)
- Tenancy:** Shared (multi-tenant)
- Sustainability analysis:** Enabled

On-Premises Assessment

- Resources:** 435 servers
- Comparison region:** US East (Northern Virginia)

Optional Enhancement

Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.

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Step-by-Step Process: Step4

AWS Transform N. Virginia (us-east-1) MM

Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020 Awaiting user input Running

Job plan

- Import inventory**
Upload application, server, and network data to build your inventory
Completed
- Upload VMware inventory
- Summarize inventory
- Generate Migration Business Case**
Analyze inventory and estimate cost
In progress

AWS Transform

Your Migration Assessment Plan is Ready!

I've analyzed your 492 servers and prepared a comprehensive assessment. Here's what I found:

Assessments Configured

EC2 Compute Assessment

- Resources: 435 servers
- Target region: US East (Northern Virginia)
- Pricing: 3-year reserved instances with standard payment
- Right-sizing: 25% CPU, 60% memory utilization (defaults — actual utilization from your inventory will take precedence when available)
- Instance preferences: Cost-optimized selection, excluding older generations (m4, c4, r4, i3, t4g, t2)
- Windows licensing: License included (no BYOL)
- Tenancy: Shared (multi-tenant)
- Sustainability analysis: Enabled

On-Premises Assessment

- Resources: 435 servers
- Comparison region: US East (Northern Virginia)

Optional Enhancement

Cloud Economics Assessment — I can also calculate the business value of migration (staff productivity gains, operational resilience benefits, business agility improvements) if you'd like to provide supplementary inputs. This adds strategic financial metrics beyond infrastructure cost savings.

Data Quality

All required fields are present across all assessments.

Excluded Resources

57 servers were excluded (powered off)

Ready to proceed with this scenario? I can run the assessment as-is, or you can adjust any of the configuration settings first (region, pricing model, licensing approach, etc.).

[Yes, proceed with this scenario](#)

AWS Transform
Thinking...

Processing the latest message

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Step-by-Step Process: Step5

The screenshot displays the AWS Transform console interface. At the top, the breadcrumb navigation shows 'Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020'. The 'Job plan' sidebar on the left lists two tasks: 'Import inventory' (Completed) and 'Generate Migration Business Case' (In progress). The main chat area shows a series of messages from 'AWS Transform' dated June 6, 2026. The messages indicate that the scenario configuration is complete for the initial assessment, the assessment is now running in the background for 435 active servers, and the EC2 Compute Assessment is starting. A 'Yes, proceed with this scenario' button is visible at the top right of the chat area. At the bottom, there is a text input field for asking questions or chatting with the agent, and a footer note stating 'AWS Transform uses generative AI. You may need to verify responses.'

Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020

N. Virginia (us-east-1)

Running

Job plan

Import inventory
Upload application, server, and network data to build your inventory
Completed

- Upload VMware inventory
- Summarize inventory

Generate Migration Business Case
Analyze inventory and estimate cost
In progress

June 6, 2026

Yes, proceed with this scenario

AWS Transform
Scenario configuration complete for Initial Assessment. Continuing assessment...

AWS Transform
Perfect! Your assessment is now running in the background. I've launched both the EC2 Compute Assessment and On-Premises Assessment for your 435 active servers.
This typically takes a few minutes to complete. You can continue chatting with me while the analysis runs — I'll notify you automatically when the results are ready with your cost breakdown, savings analysis, and migration recommendations.
Feel free to ask me any questions in the meantime!

AWS Transform
Starting On Prem Cost Assessment for Initial Assessment...

AWS Transform
Starting EC2 Compute Assessment for Initial Assessment...

AWS Transform
On Prem Cost Assessment complete for Initial Assessment. Continuing assessment...

AWS Transform
EC2 Compute Assessment complete for Initial Assessment. Continuing assessment...

AWS Transform
Generating output for Initial Assessment...

5:49 PM

Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.

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Step-by-Step Process: Step6

Menu icon

AWS Transform

Workspaces

VMwareMigrationDemo

MigrationAssessmentV2-2026-06-07-0020

Running

Job plan

Import Inventory

Upload application, server, and network data to build your inventory

Completed

Upload VMware inventory

Summarize inventory

Generate Migration Business Case

Analyze inventory and estimate cost

In-progress

AWS Transform

Starting EC2 Compute Assessment for Initial Assessment...

AWS Transform

On Prem Cost Assessment complete for Initial Assessment. Continuing assessment...

AWS Transform

EC2 Compute Assessment complete for Initial Assessment. Continuing assessment...

AWS Transform

Generating output for Initial Assessment...

AWS Transform

Assessment result for scenario 'Initial Assessment':
Assessed 435 servers.
Cost breakdown:

Category	On-Demand	1 Year No Upfront	3 Year No Upfront	On-Prem
Compute	\$399,394	\$258,094	\$179,958	\$667,150
EC2 Compute	L \$399,394	L \$258,094	L \$179,958	
Network	\$25,036	\$25,036	\$25,036	\$42,073
EC2 Compute	L \$25,036	L \$25,036	L \$25,036	
Support	\$37,164	\$24,791	\$17,950	\$0
Cloud Economics	L \$37,164	L \$24,791	L \$17,950	
Total	\$461,594	\$307,922	\$222,943	\$709,224

Report generation (PDF, PowerPoint, Excel) is in progress. You'll receive download links shortly.

5:50 PM

Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.

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Step-by-Step Process: Step7

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AWS Transform

Workspaces

> VMwareMigrationDemo

> MigrationAssessmentV2-2026-06-07-0020

N. Virginia (us-east-1)

MM

Running

Job plan

Import inventory

Upload application, server, and network data to build your inventory

Completed

Upload VMware inventory

Summarize inventory

Generate Migration Business Case

Analyze inventory and estimate cost

In progress

Assessment result for scenario 'Initial Assessment', June 6, 2026

Assessed 435 servers.

Cost breakdown:

Category	On-Demand	1 Year No Upfront	3 Year No Upfront	On-Prem
Compute	\$399,394	\$258,094	\$179,958	\$667,150
↳ EC2 Compute	↳ \$399,394	↳ \$258,094	↳ \$179,958	
Network	\$25,036	\$25,036	\$25,036	\$42,073
↳ EC2 Compute	↳ \$25,036	↳ \$25,036	↳ \$25,036	
Support	\$37,164	\$24,791	\$17,950	\$0
↳ Cloud Economics	↳ \$37,164	↳ \$24,791	↳ \$17,950	
Total	\$461,594	\$307,922	\$222,943	\$709,224

Report generation (PDF, PowerPoint, Excel) is in progress. You'll receive download links shortly.

AWS Transform

Output generation complete for Initial Assessment. I am uploading the results now...

AWS Transform

Reports ready for scenario 'Initial Assessment'.

Download your deliverables:

Initial Assessment.zip

error_file.csv

Initial Assessment.zip

Artifact ID: 03049ad1-6ec1-4a09-8b64-2800c4ab3df8

error_file.csv

Artifact ID: 025c518a-5e1e-4de4-802b-e230ad1e2fff

Download all

Ask a question or chat with the agent. Use @ to reference tasks in the Job plan.

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Step-by-Step Process: Step8

Job plan

▼ Import inventory

Upload application, server, and network data to build your inventory

Completed

Upload VMware inventory

Summarize inventory

► Generate Migration Business Case

Analyze inventory and estimate cost

In-progress

<

Step-by-Step Process: Step9

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AWS Transform

Workspaces

>

VMwareMigrationDemo

>

MigrationAssessmentV2-2026-06-07-0020

N. Virginia (us-east-1)

MM

⌵

Running

⋮

Job plan

⌵

▼ Import inventory

Upload application, server, and network data to build your inventory

Completed

✓ Upload VMware Inventory

✓ Summarize inventory

► Generate Migration Business Case

Analyze inventory and estimate cost

In progress

June 6, 2026

Download Initial Assessment.zip

Artifact ID: 03b49ad1-6ec1-4a09-8b64-2800c4ab3df8

⬇

error_file.csv

Artifact ID: 025c518a-5e1e-4de4-802b-e230ad1e2fff

⬇

📄

Download all

Show more

Ready for Wave Planning

AWS Transform

I see that the migration job transition feature isn't currently available in this environment. However, I can help you prepare for wave planning by providing the assessment data you'll need.

Your assessment results include:

- 435 assessed servers with rightsizing recommendations
- Cost models for different migration scenarios
- Detailed resource mappings from on-premises to AWS

The deliverables package I provided contains all the data you'll need for wave planning:

- Excel workbook with detailed server inventory and recommendations
- PowerPoint presentation with migration strategy overview
- PDF business case with financial justification

Would you like me to:

- Show you specific server details or recommendations to help prioritize migration waves?
- Compare different migration scenarios (if you want to create alternative approaches)?
- Answer questions about the assessment results to inform your wave planning?

What would be most helpful for your next steps?

👍 🗨 📄 5:56 PM

Show you specific server details or recommendations to help prioritize migration waves?

AWS Transform

Thinking...

Processing the latest message

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Step-by-Step Process: Step10

Workspaces > VMwareMigrationDemo > MigrationAssessmentV2-2026-06-07-0020

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Job plan

Import inventory

Upload application, server, and network data to build your inventory

Completed

Upload VMware inventory

Summarize inventory

Generate Migration Business Case

Analyze inventory and estimate cost

In progress

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June 6, 2026

Excellent! Let me help you create alternative scenarios to compare different migration approaches. This will give you side-by-side comparisons to inform your wave planning and business case.

Here are some common alternative scenarios that organizations explore:

Suggested Alternative Scenarios

- Aggressive Cost Optimization**
 - Longer commitment (3-year vs 1-year reserved instances)
 - More aggressive right-sizing
 - Spot instances for non-critical workloads
 - Different region with lower pricing
- BYOL (Bring Your Own License)**
 - Use existing Windows licenses (if eligible)
 - Can reduce Windows costs by 30-60%
 - Good for organizations with Software Assurance
- Modernization Approach**
 - Include containerization candidates (ECS/EKS)
 - Serverless options where applicable
 - Graviton instances (ARM-based, lower cost)
- Different Region Strategy**
 - Compare US East vs US West vs EU regions
 - Impact on latency, compliance, and cost
- Conservative Approach**
 - Less aggressive right-sizing (higher safety margin)
 - On-demand or 1-year reserved vs 3-year
 - Better for uncertain workloads

What would you like to explore?

Tell me which alternative scenario interests you most, or describe the assumptions you'd like to change. For example:

- "Compare the cost with 1-year reserved instances instead of 3-year"
- "What if we use our existing Windows licenses (BYOL)?"
- "Show me the difference if we migrate to US West region"
- "What if we're more conservative with right-sizing?"
- "Compare on-demand pricing to see the flexibility premium"

I'll create the new scenario, configure it based on your preferences, and run the assessment so we can compare the results side-by-side!

What alternative approach would you like me to analyze?

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Step-by-Step Process: Step11

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Job plan

⌵

▼ Import inventory

Upload application, server, and network data to build your inventory

Completed

✓ Upload VMware inventory

✓ Summarize inventory

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June 6, 2026

Compare on-demand pricing to see the flexibility premium and create the wave plans accordingly

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Great question from the planner! The assessment actually already calculates both on-demand and reserved instance pricing in every scenario, which is why your Initial Assessment showed all three pricing columns.

To help me configure this scenario correctly to highlight the flexibility premium for wave planning, could you clarify your intent?

🧐 What type of "on-demand flexibility" scenario would be most useful?

Option 1: Primary On-Demand Recommendation

- Focus on on-demand as the primary pricing model
- Best for: Workloads you expect to scale up/down frequently or have uncertain longevity
- Use case: Dev/test environments, seasonal applications, pilot waves

Option 2: Variable Utilization (Reduced Uptime)

- Model servers that don't run 24/7 (e.g., business hours only)
- Calculate costs based on actual usage patterns (e.g., 50% uptime)
- Best for: Non-production environments, scheduled workloads
- Use case: Development servers that shut down nights/weekends

Option 3: Hybrid Approach

- Reserved instances for stable "always-on" production workloads
- On-demand for dynamic/flexible workloads
- Best for: Mixed environment with predictable core + variable edge workloads
- Use case: Production stays reserved, dev/test goes on-demand

💡 My Recommendation for Wave Planning

For wave planning purposes, I'd suggest Option 2 or 3 because:

- Wave 1-2 pilots → On-demand initially (learn before committing)
- Stable production workloads → Reserved instances after validation
- Dev/test environments → On-demand with reduced uptime
- Variable workloads → On-demand for flexibility

This would show you:

- The "flexibility tax" (on-demand premium) for early waves
- Cost savings opportunity once you commit to reserved instances
- Right-sizing for different utilization patterns

Which option best fits what you're looking to analyze? Or if you have a different scenario in mind, just describe it and I'll configure accordingly!

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Step-by-Step Process: Step12

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• Mission-critical = not going away

• Highest cost per server (\$10K-\$24K/year each)

• Saves \$627K/year vs full on-demand (53% reduction)

• RIGHT-SIZE FIRST — validate large instances aren't over-provisioned

Critical Review: 5x m5.24xlarge instances (\$118K/year combined) — are these correctly sized?

RI Purchase: Month 24

Complete Wave Summary

Wave	Servers	Strategy	Annual Cost	Savings vs On-Demand	Flexibility Premium
Wave 1	50	100% OD	\$159,200	\$0	\$89K (pilot)
Wave 2	100	75% 1Y RI + 25% OD	\$350,902	\$124K	\$124K
Wave 3	120	50% 3Y + 30% 1Y + 20% OD	\$352,000	\$218K	\$218K
Wave 4	86	70% 3Y + 20% 1Y + 10% OD	\$230,377	\$177K	\$177K
Wave 5	65	60% 3Y + 25% 1Y + 15% OD	\$159,057	\$150K	\$150K
Wave 6	150	30% 3Y + 30% 1Y + 40% OD	\$519,457	\$194K	\$194K
Wave 7	25	80% 3Y + 10% 1Y + 10% OD	\$559,749	\$627K	\$627K
TOTAL	596	Blended	\$2,330,742	\$1,490K (59%)	\$1,579K

Reserved Instance Purchase Timeline

Month	Action	RI Type	Servers	Annual Commitment
Month 3	Post-Wave 1 validation	1-Year RI	75	\$232,051
Month 6	Post-Wave 2 complete	3-Year RI	60	\$126,598
Month 6	Post-Wave 2 complete	1-Year RI	36	\$111,378
Month 9	Post-Wave 3 complete	3-Year RI	60	\$118,826
Month 12	Post-Wave 4 complete	3-Year RI	39	\$63,917
Month 18	Post-Wave 6 complete	5-Year + 1-Year	90	\$234,421
Month 24	Post-Wave 7 complete	3-Year RI	20	\$377,476

Total RI Commitments by End of Migration:

• 3-Year RIs: 284 servers = \$782,044/year

• 1-Year RIs: 192 servers = \$675,967/year

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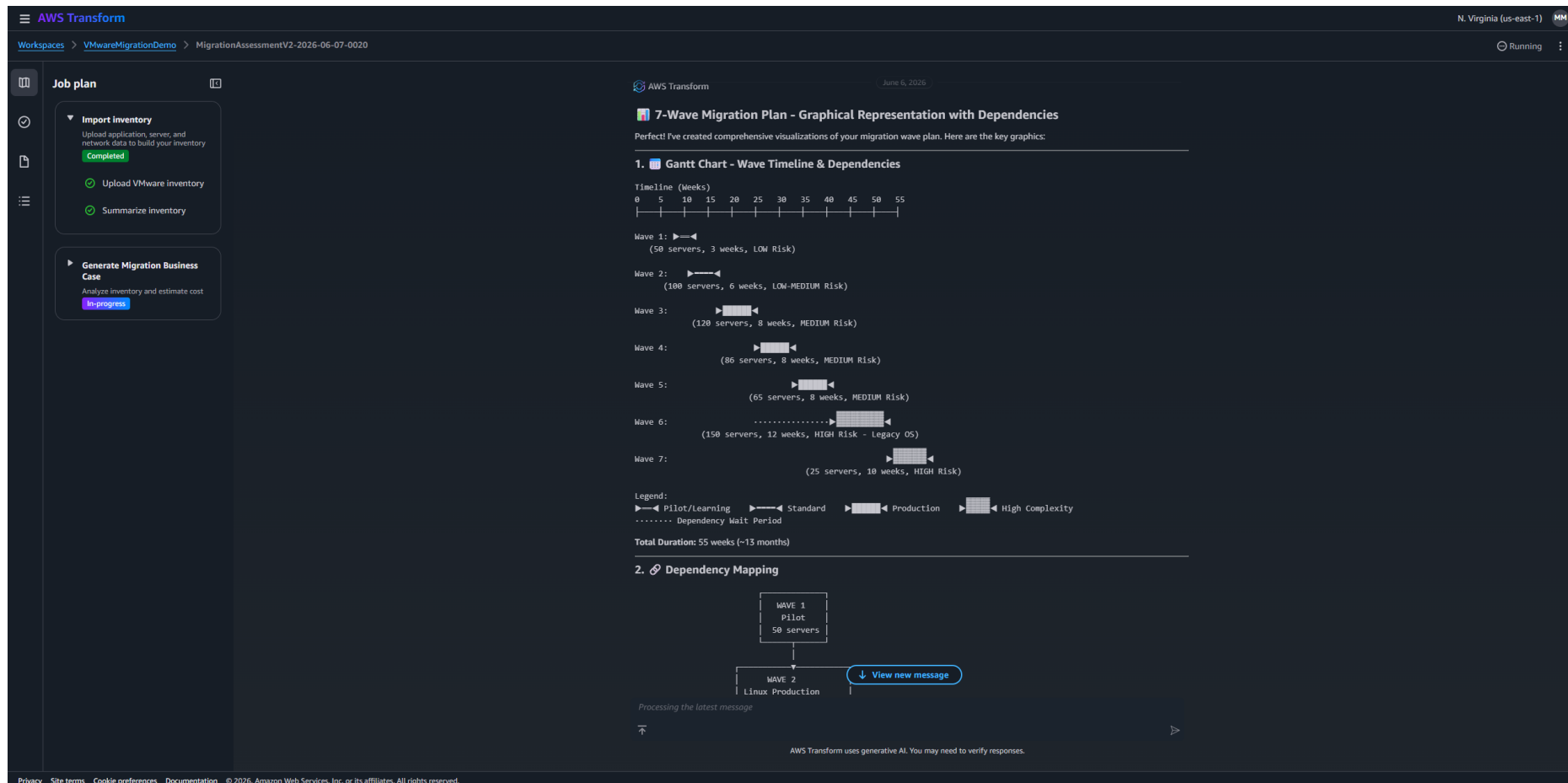
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Step-by-Step Process: Step14



Step-by-Step Process: Step15

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> VMwareMigrationDemo

> MigrationAssessmentV2-2026-06-07-0020

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2. Dependency Mapping

WAVE 1
Pilot
50 servers

WAVE 2
Linux Production
100 servers

WAVE 3
Windows R5
120 servers

WAVE 4
Memory R5
86 servers

WAVE 5
Compute C5
65 servers

WAVE 6
Windows 2012 R2
150 servers
(HIGH COMPLEXITY)

WAVE 7
Large Instances
25 servers

Key Dependencies:

- Wave 2 requires Wave 1 validation (migration pattern) [View new message](#)

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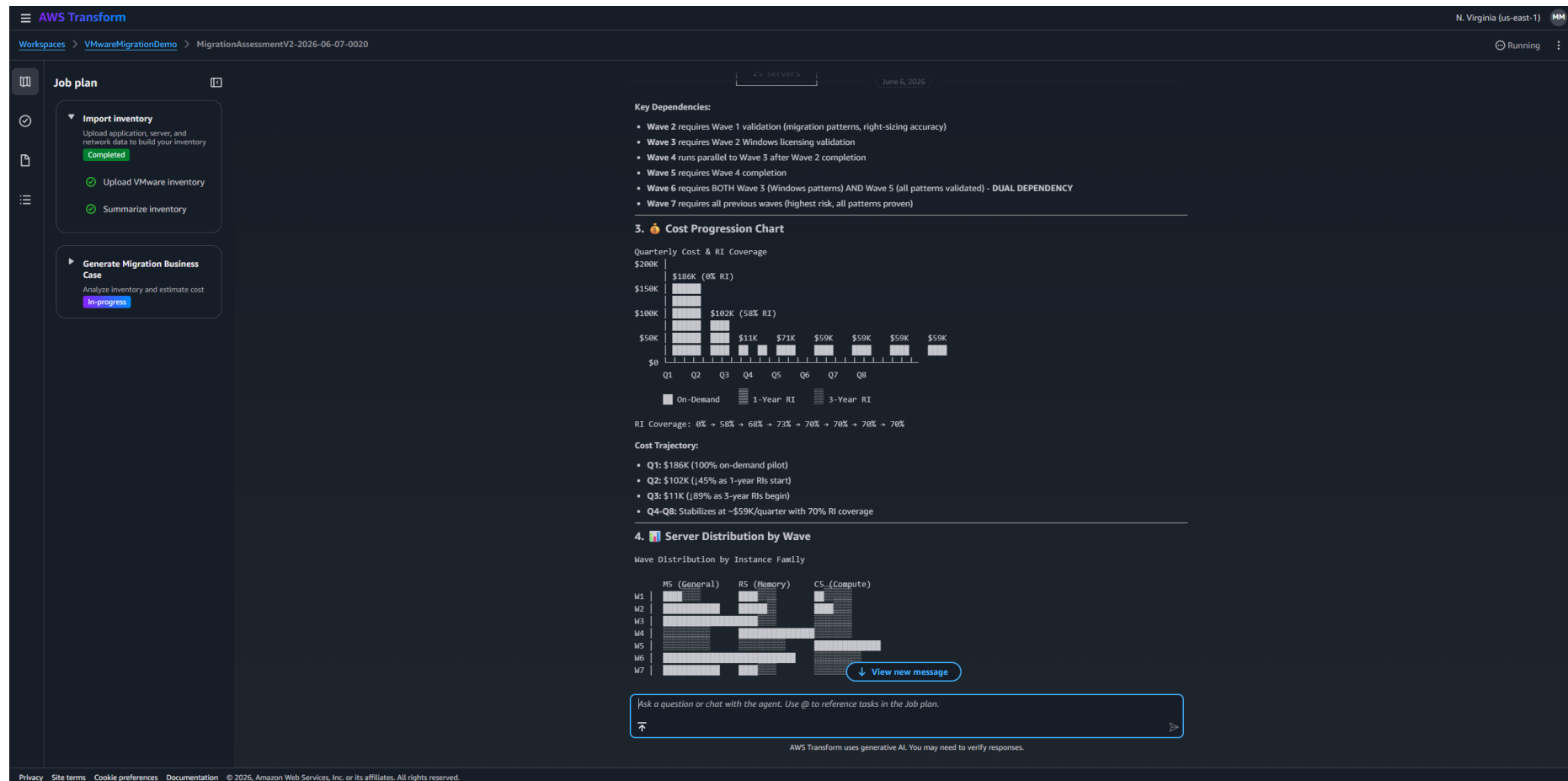
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Step-by-Step Process: Step16



Step-by-Step Process: Step17

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Workspaces

> VMwareMigrationDemo

> MigrationAssessmentV2-2026-06-07-0020

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Job plan

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Total: 377 servers 141 servers 78 servers June 6, 2026

Instance Size Distribution:

Size	Wave 1	Wave 2	Wave 3	Wave 4	Wave 5	Wave 6	Wave 7	Total
large	30	60	40	50	15	60	0	255
xlarge	20	35	60	20	30	60	5	230
2xlarge	0	5	15	15	15	20	10	80
4xlarge+	0	0	5	1	5	10	10	31
Total	50	100	120	86	65	150	25	596

5. 📊 RI Purchase Timeline

Timeline (Months)

0 3 6 9 12 15 18 21 24

\$212K

Month 3: [1-Year RI: 75 servers] + Wave 1-2 validated

\$127K + \$111K

Month 6: [3-Yr: 60] [1-Yr: 36] + Wave 3 complete

\$119K

Month 9: [3-Yr: 60] + Wave 4 DBs

\$64K

Month 12: [3-Yr: 39] + Wave 5

\$234K

Month 18: [Mixed: 90] + Wave 6

\$465K

Month 24: [Mixed: 23] + Wave 7

Total RI Commitment: \$1,458,011/year across 416 servers (70% coverage)

6. 📊 Risk vs. Savings Matrix

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Annual Savings (%)

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> VMwareMigrationDemo

> MigrationAssessmentV2-2026-06-07-0020

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Total RI Commitment: \$1,458,011/year across 416 servers (70% coverage)

6. Risk vs. Savings Matrix

Annual Savings (%)

60%

50%

40%

30%

20%

10%

0%

●1 (0%, LOW)

●2 (26%, LOW)

●3 (38%, MED)

●4 (43%, MED)

●5 (49%, MED)

●6 (27%, HIGH)

●7 (53%, HIGH)

LOW

LOW-MED

MEDIUM

HIGH

Risk Level

Legend:

●1 = Wave 1 (Pilot)

●2 = Wave 2 (Linux Prod)

●3 = Wave 3 (Windows MS)

●4 = Wave 4 (Memory R5)

●5 = Wave 5 (Compute)

●6 = Wave 6 (Win2012 R2) ⚠️

●7 = Wave 7 (Large Instances)

Interpretation:

• Bottom-left (Wave 1): Low risk, 0% savings - Pure learning investment

• Left-middle (Waves 2-3): Low-medium risk, 26-38% savings - Safe production

• Center (Waves 4-5): Medium risk, 43-49% savings - Optimal balance

• Right (Wave 6): HIGH risk, 27% savings - Legacy complexity, requires caution ⚠️

• Top-right (Wave 7): HIGH risk, 53% savings - Expensive but validated patterns

7. Wave Characteristics Matrix

Wave	Servers	Duration	Risk	OS Type	Pricing Strategy	Savings	Key Dependency
1	50	3 weeks	LOW	Linux	100% On-Demand	0%	None - First
2	100	6 weeks	LOW-MED	Linux + Win	75% 1Y RI + 25% OD	26%	Wave 1 validation
3	120	8 weeks	MEDIUM	Windows 2016/19	50% 3Y + 30% 1Y + 20% OD	38%	Wave 2 Win licensing
4	86	8 weeks	MEDIUM	Mixed (R5)	70% 3Y + 20% 1Y + 10% OD	43%	Wave 2 complete
5	65	8 weeks	MEDIUM	Memory R5	60% 3Y + 25% 1Y + 15% OD	49%	Wave 4 complete
6	150	12 weeks	HIGH	Windows 2012 R2	30% 3Y + 30% 1Y + 40% OD	27%	Waves 3 & 5 ⚠️

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