

# **AWS State, Local, and Education Learning Days**

Madison, WI



# Ask The Experts

# Why customers choose AWS

## EXPERIENCE

**18 years**

helping millions of customers

## GLOBAL REACH

**36 Regions**

spanning 114 Availability Zones and over 140 Direct Connect locations

## SECURITY

**300+**

security features

## INNOVATION

**250+**

service offerings

## AWS INFRASTRUCTURE

**3.6x+**

energy efficient than the median of surveyed U.S. enterprise data centers

## TCO

**151**

price reductions since 2006

## ECOSYSTEM

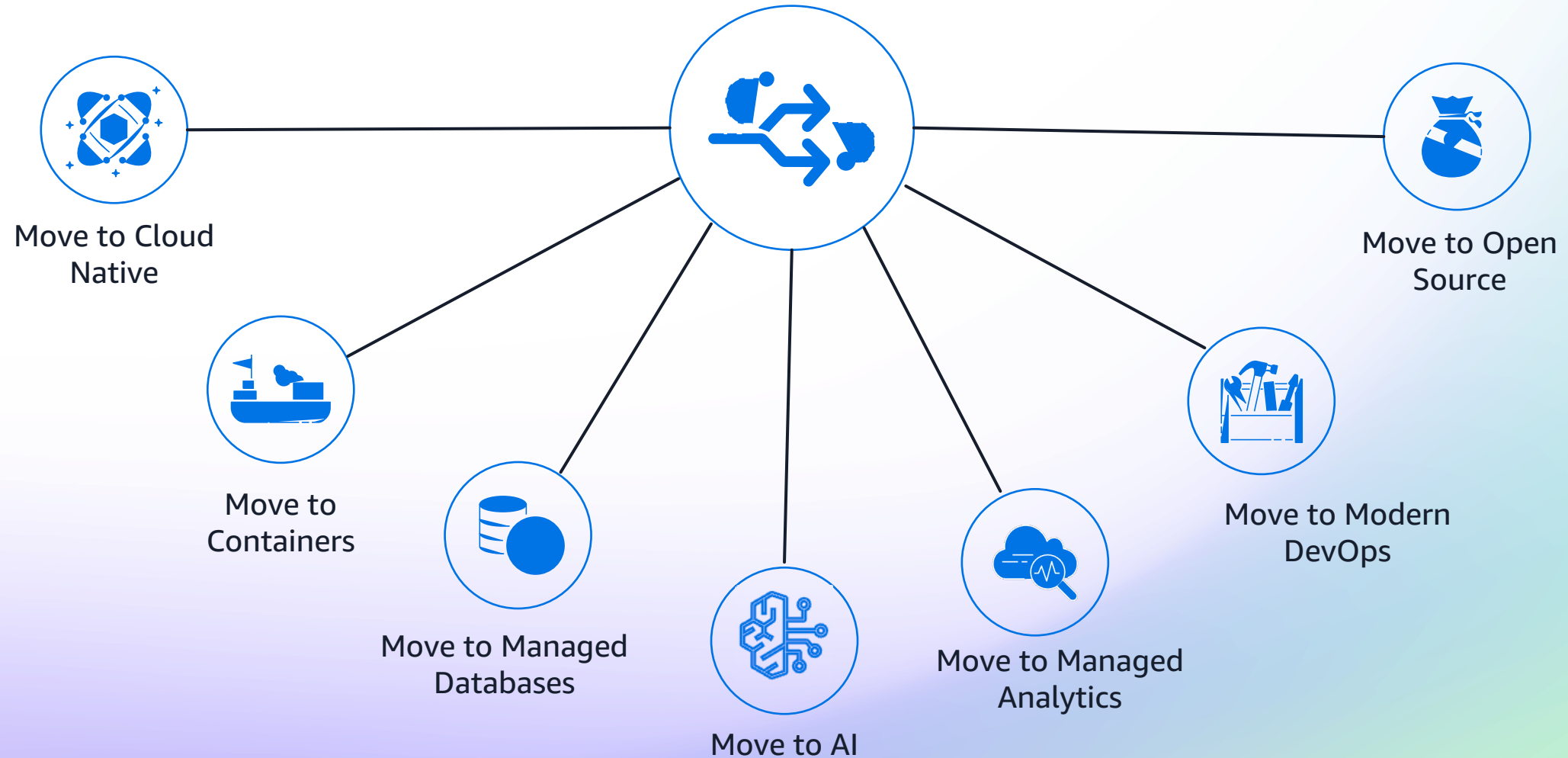
**12,000**

software listings from 2,000 ISVs



# Streamline with Modernization Pathways

Modernization pathways provide a proven and structured approach to modernization



# Modernization Benefits across pathways

We benchmarked 22 unique KPIs to understand the value of using modern cloud services and found that organizations reported up to:



**86%** Increase in weekly feature deployments with Cloud Native



**42%** Faster IT resource provisioning with Containers



**130%** More DBs managed per admin with Managed Databases



**25%** Faster time to resolve security incidents with Open Source



**17%** Faster time to insights with Managed Analytics



**83%** Increase in DevOps automation with Modern DevOps



*Modernization maximizes cloud benefits, beyond the benefits of migrating to cloud!*

# AWS Transform for .NET

*Imagine modernizing .NET applications efficiently using GEN AI*

# 40%

Amazon Q Developer makes Windows .NET to Linux modernization 4 times faster  
delivering 40% savings in licensing costs.

2025,

# AWS Transform for .NET

The screenshot shows the AWS Transform console interface for a workspace named "DotNetDemo-workspace". At the top left, the workspace name is displayed with an "Edit" link. To the right, there are icons for a workspace, a user profile (CA), and a "Settings" dropdown menu. Below the workspace name, a descriptive text states: "This is your workspace description. Workspace is a collection of jobs, artifacts, connectors and collaborators. You can chat to Q about any of these concepts." There are two tabs: "Jobs" (selected) and "Artifacts". The main content area features a large 3D wireframe cube on the left. In the center, the heading "Create your first transformation job with AWS Transform" is displayed. Below the heading, a paragraph explains that within a workspace, users and collaborators can create and perform transformation jobs. It states that when creating a job, AWS Transform will work with the user to define an objective, and then lists three steps: 1. Generate a plan, 2. Start the job, and 3. Ask for resources or clarification when needed. A prominent blue button labeled "Create a job in AWS Transform" is positioned below the list. On the right side of the main content area, there are three smaller 3D wireframe boxes of varying sizes and orientations. A small home icon is visible in the bottom right corner of the interface.

DotNetDemo-workspace [Edit](#)

This is your workspace description. Workspace is a collection of jobs, artifacts, connectors and collaborators. You can chat to Q about any of these concepts.

Jobs Artifacts

## Create your first transformation job with AWS Transform

Within a workspace, you and the collaborators you invite can create and perform transformation jobs. When creating a job, AWS Transform will work with you to define an objective for the job. Based on your objective, AWS Transform will:

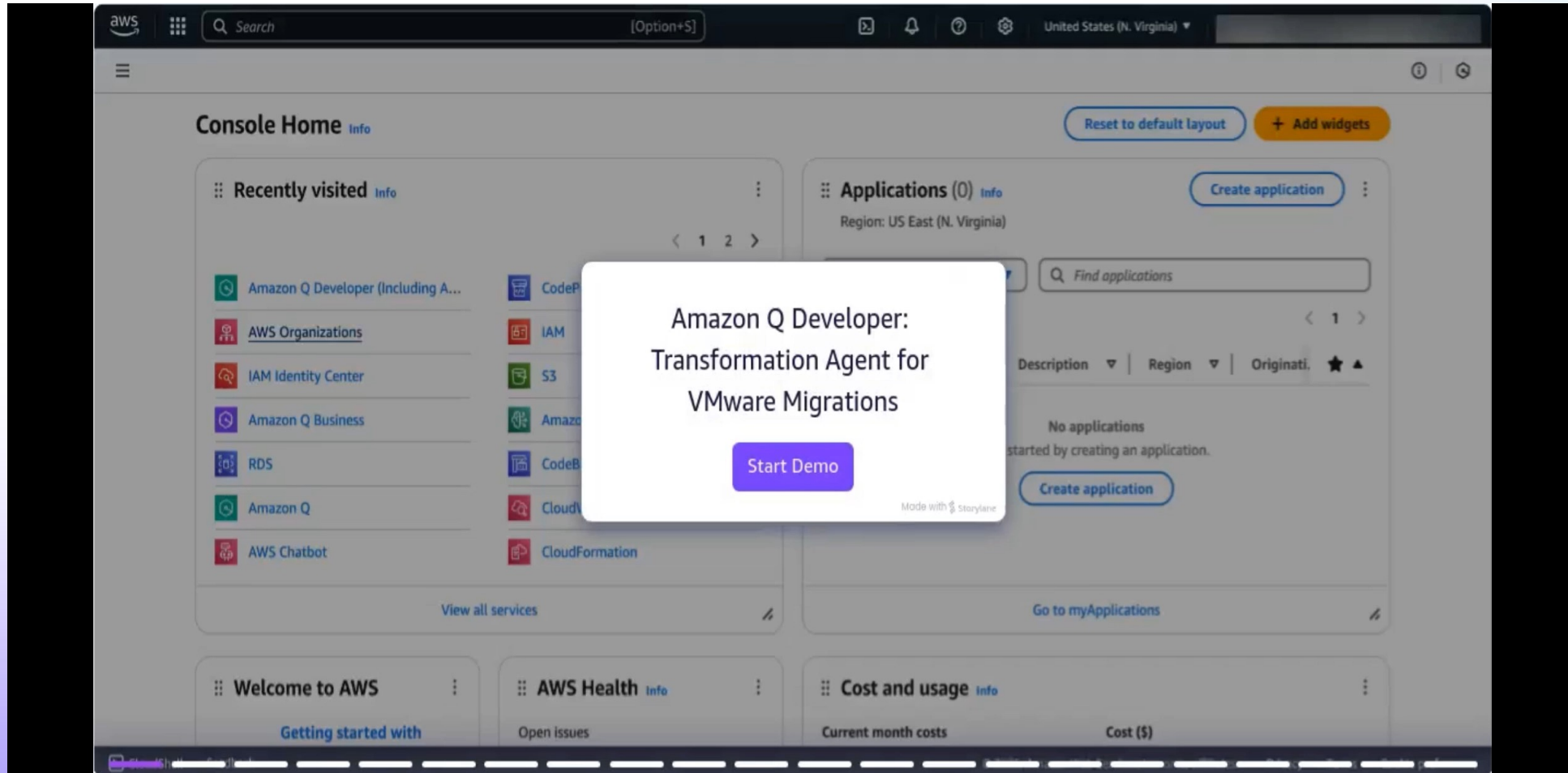
1. Generate a plan
2. Start the job
3. Ask for resources or clarification when needed

[Create a job in AWS Transform](#)

# AWS Transform for VMware

*Imagine using Generative AI to automate VMware migrations. Identifying dependency mapping and execute network conversions.*

# AWS Transform for VMware



# Multi-Agent Collaboration with Amazon Bedrock

*Imagine orchestrating a team of specialized AI agents to seamlessly tackle your most complex business challenges*

# Multi-Agent Collaboration with Amazon Bedrock

The screenshot displays the Amazon Bedrock console interface. On the left, a navigation sidebar lists various categories: Getting started, Foundation models, Playgrounds, Builder tools, Safeguards, Inference, and Assessment. The 'Agents' link under 'Builder tools' is highlighted with a blue circle. A purple callout box with white text points to this link, stating: "After navigating to the Bedrock console in the AWS account, select Agents under Builder tools." The main content area shows the 'Agents' page with an 'Overview' section containing 'Prepare' and 'Deploy' instructions, and a table of 13 agents below.

# Amazon SageMaker Unified Studio

*Imagine a single integrated data and AI development experience*

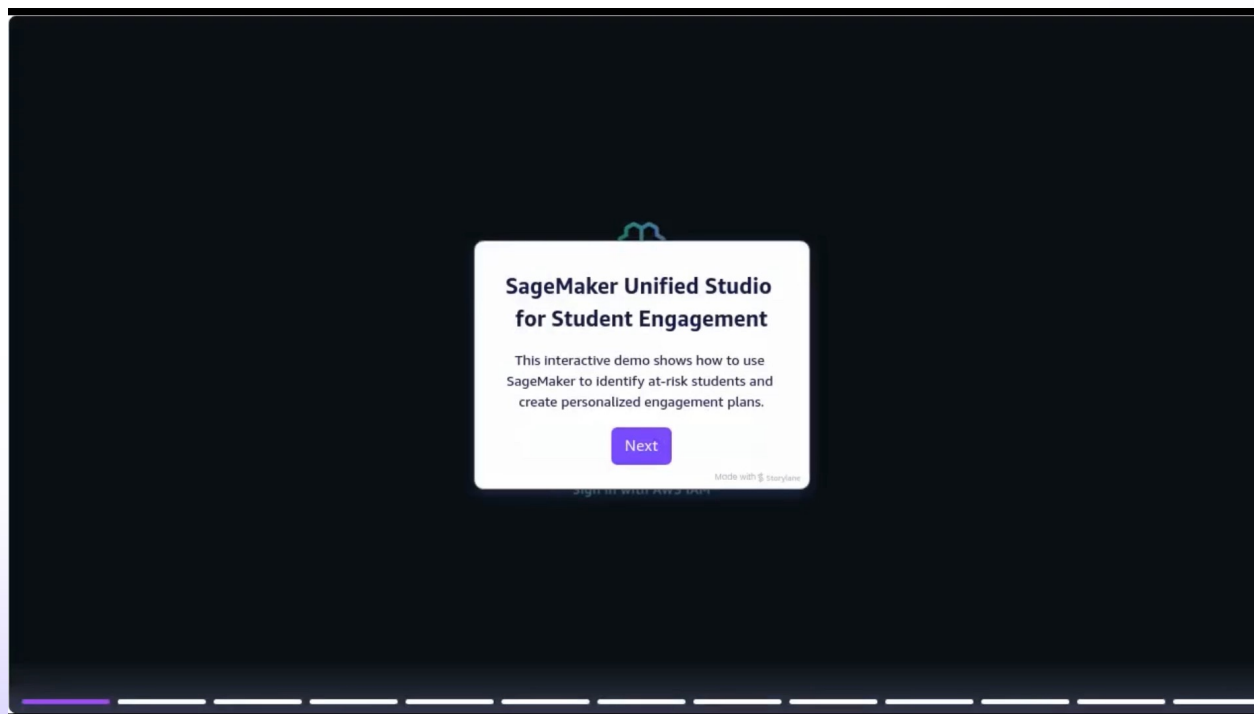


*"After evaluating Amazon SageMaker Unified Studio, we immediately recognized its suitability for Arizona State University (ASU) in teaching our students Machine Learning concepts. SageMaker Unified Studio simplifies the integration of various data operations - including data exploration, data processing, feature engineering, and model deployment - into a single experience. This unified approach allows our students, especially those new to ML, to focus more on understanding Machine Learning topics rather than spending time learning to use different tools to construct their Machine Learning pipelines."*

**John Rome**

Deputy Chief Information Officer - Arizona State University

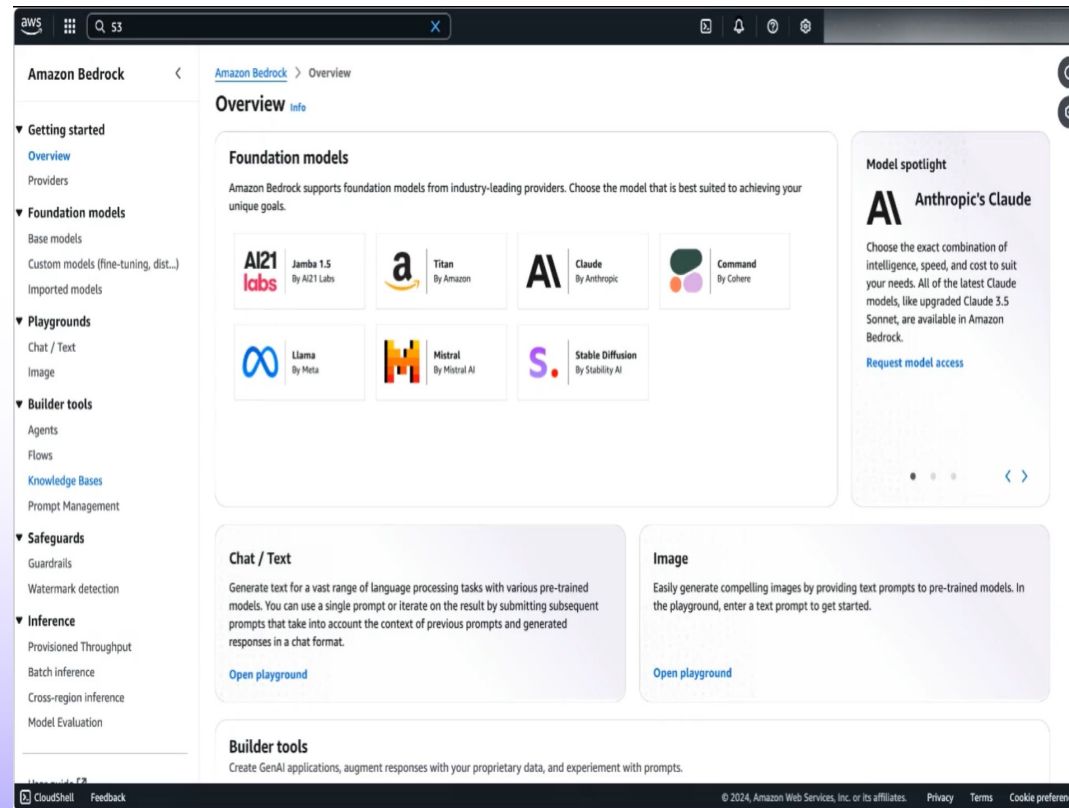
# Amazon SageMaker Unified Studio



# Advanced Gen AI Guardrails & Automated Reasoning Checks

*Imagine validating the truthfulness of a large language model's responses*

# Amazon Gen AI Guardrails and Automated Reasoning Checks



# Amazon Bedrock Knowledge Bases

*Imagine securely enhancing foundational models with your private data sources*

# Bedrock Knowledgebases

The screenshot displays the Amazon Bedrock console interface. On the left is a navigation sidebar with categories: Getting started, Foundation models, Playgrounds, Builder tools, Safeguards, and Inference. The main content area is titled 'Overview' and features a 'Foundation models' section with a grid of model cards for Jamba 1.5, Titan, Claude, Command, Llama, Mistral, and Stable Diffusion. A 'Model spotlight' for Anthropic's Claude is also present. Below these are sections for 'Chat / Text' and 'Image' playgrounds, and a 'Builder tools' section. The footer includes '© 2024, Amazon Web Services, Inc. or its affiliates.' and links for Privacy, Terms, and Cookie preferences.

# Ask us for a demo!

[AWS Transform for VMware](#)

[Amazon SageMaker- Unified Studio](#)

[Amazon Bedrock – Knowledge Bases](#)

[AWS Transform for .NET](#)

[Amazon Bedrock – Automated Reasoning Checks](#)

[Amazon Bedrock – Multi-agent collaboration](#)