



## INSIGHTS | SOLUTIONS BRIEF

# WEI and AWS Cloud Architecture: Solutions Overview

WEI is an AWS Select Tier Services Partner focused on helping customers accelerate cloud adoption through expert consulting, migration, and strategic advisory services. The Cloud Architecture and Solutions practice aligns cloud strategy to business outcomes, evaluates readiness across people, process, and technology, and designs scalable, secure, and cost-effective AWS architectures.

## WEI ASSESSMENTS AND ENABLEMENT

### ✔ Application Modernization Assessment

- Evaluate application portfolios, dependencies, technical debt, and modernization candidates
- Prioritize rehost, replatform, refactor, container, and serverless opportunities
- Deliver a practical modernization roadmap, target architecture guidance, and phased next steps

### ✔ Windows and SQL Optimization and Licensing Assessment

- Assess Microsoft workload placement, licensing posture, and cost optimization opportunities on AWS
- Identify rightsizing, consolidation, modernization, and licensing strategies for Windows and SQL Server estates
- Provide a roadmap for improved price-performance, compliance alignment, and spend reduction

### ✔ Developer Acceleration and Cloud Enablement

- Upskill application and platform teams on AWS architecture, DevSecOps, and modernization patterns
- Use workshops, architecture reviews, and hands-on enablement to improve delivery velocity
- Establish team-specific best practices for CI/CD, containers, observability, and secure cloud engineering

### ✔ Cloud Security Posture Assessment

- Review AWS account structure, network controls, identity, logging, data protection, and compliance alignment
- Identify misconfigurations, operational gaps, and priority remediation areas
- Deliver actionable findings, an improvement plan, and recommended security control roadmap



## WEI Is Your AWS Select Tier Services Partner.

Establish the best strategies, technologies, and policies for an optimized AWS cloud plan that excels in the future. [Contact WEI today.](#)

### ✔ Well-Architected on AWS Health Check

- Review workloads against AWS Well-Architected principles with focus on business objectives, risk, resiliency, security, performance, and cost efficiency
- Assess migration readiness, current infrastructure utilization, application flows, dependencies, and feature parity requirements for the target environment
- Provide findings, modernization guidance, rightsizing recommendations, and prioritized next steps for remediation and improvement

### ✔ GenAI Readiness Assessment

- Assess data readiness, governance, security controls, platform architecture, operating model, and team capabilities for enterprise GenAI adoption on AWS
- Evaluate use case feasibility, risk considerations, integration dependencies, and foundation requirements for production AI workloads
- Deliver a prioritized readiness scorecard, gap analysis, and roadmap for secure Bedrock adoption and broader GenAI enablement

### ✔ Bedrock Ideation Workshop

- Facilitate business and technical stakeholder workshops to identify high-value Amazon Bedrock use cases, success criteria, and candidate pilot opportunities
- Map priority use cases to data sources, knowledge base patterns, agent workflows, security controls, and implementation approaches
- Produce an executive-ready concept shortlist, recommended next-step proof of concepts, and an actionable adoption plan

## AWS SERVICE PORTFOLIO

### 🔗 1. Cloud Strategy, Landing Zones, and Governance

WEI helps clients establish secure multi-account foundations using AWS Control Tower, account vending patterns, and governance guardrails. AWS Control Tower provides a managed way to set up and govern secure, compliant multi-account AWS environments with centralized controls and dashboard-based governance (AWS Control Tower).

- Cloud strategy and roadmap development
- Cloud readiness and migration planning
- Multi-account landing zone design and implementation
- Governance guardrails and operating model design
- Cloud Center of Excellence and platform team enablement

### 🔗 2. Hybrid and Network Architecture

WEI designs hybrid and multi-region connectivity strategies using AWS Direct Connect, Transit Gateway, AWS Cloud WAN, and modern service connectivity patterns. AWS Cloud WAN centralizes policy-based global network management across branches, data centers, and VPCs (AWS Cloud WAN), while Amazon VPC Lattice helps connect, secure, and monitor services across VPCs and accounts (Amazon VPC Lattice).

- Hybrid cloud and multi-cloud connectivity architecture
- Direct Connect and Transit Gateway design
- Cloud WAN segmentation and routing strategy
- SD-WAN integration and network resiliency design
- Application networking with PrivateLink and VPC Lattice

### 3. Migration and Modernization

WEI supports migration programs from business case through execution by combining discovery, wave planning, landing zone readiness, and application migration execution. AWS Application Migration Service helps organizations rehost physical, virtual, and cloud servers to AWS with high automation and minimal disruption, creating a practical path to later modernization.

- Migration assessments and dependency mapping
- Business case and TCO development
- Rehost and replatform migration execution
- Container and platform modernization with Amazon ECS and Amazon EKS
- Post-migration optimization and operational readiness

### 4. DevSecOps, Observability, and Automation

WEI helps clients automate delivery and operations with Infrastructure as Code, CI/CD, observability, and security integration across the lifecycle. Amazon CloudWatch provides system-wide observability through metrics, logs, alarms, dashboards, traces, and cross-account monitoring (Amazon CloudWatch), while AWS IAM Identity Center centralizes workforce access across AWS accounts and applications.

- CI/CD pipeline design and implementation
- Infrastructure as Code with Terraform and AWS-native tooling
- Container platform automation for ECS and EKS
- Observability with CloudWatch, logging, dashboards, and alerting
- Identity, access, and secure developer platform controls

### 5. FinOps and Cost Optimization

WEI helps customers improve cloud financial management through cost visibility, rightsizing, anomaly detection, commitment planning, and showback models. AWS Compute Optimizer analyzes utilization and configuration data to provide rightsizing recommendations (Compute Optimizer docs), and AWS Cost Anomaly Detection uses machine learning to identify unusual spend patterns and notify teams quickly (AWS Cost Anomaly Detection).

- Spend analysis and allocation strategy
- Rightsizing and idle resource remediation
- Savings Plans and reservation planning
- Budgeting, anomaly detection, and optimization reporting
- FinOps operating model and accountability framework

## 6. Security and Zero Trust Architecture

WEI helps organizations build secure AWS environments using native security and identity services aligned to compliance and operational requirements. AWS Security Hub CSPM centralizes findings and continuously checks environments against security standards (AWS Security Hub CSPM), and AWS Verified Access enables secure VPN-free application access with real-time user and device policy evaluation (AWS Verified Access).

- Security posture assessments and remediation planning
- Secure multi-account design and baseline controls
- Identity and access strategy with IAM and IAM Identity Center
- Detection and response integration with Security Hub and related AWS services
- Zero-trust access patterns for internal applications

## 7. Resilience, Backup, and Disaster Recovery

WEI helps customers strengthen business continuity with backup architecture, disaster recovery design, and recovery testing. AWS Backup centralizes and automates data protection across AWS services and supports cross-account and cross-Region backup strategies (AWS Backup), while AWS Elastic Disaster Recovery provides continuous replication, recovery drills, and fast failover for on-premises and cloud-based workloads (AWS Elastic Disaster Recovery).

- Backup strategy and policy design
- Cross-account and cross-Region data protection
- Disaster recovery design and runbook development
- Recovery testing and failback planning
- Tiered resilience strategy for critical workloads

## 8. Generative AI Workshop, Readiness, and Strategy

WEI can help customers move from experimentation to governed generative AI adoption on AWS. Amazon Bedrock is a fully managed service that provides enterprise-grade access to foundation models and core capabilities for building and scaling generative AI applications securely (Bedrock docs).

- Generative AI workshop and ideation sessions to identify high-value business use cases, owners, data needs, and success criteria
- GenAI readiness assessment covering data access, governance, security, model operations, platform controls, and team readiness
- GenAI strategy and roadmap development aligned to business priorities, risk tolerance, and target operating model
- Amazon Bedrock advisory for proof-of-concept design, knowledge bases, agents, and secure production adoption

## TALK TO WEI

WEI is an AWS Select Tier Services Partner and premiere IT solutions provider, helping customers accelerate their cloud adoption with expert consulting, migration, and strategic advisory services. Our deep and certified bench of AWS experts have proven experience across the full range of AWS services to help you optimize costs and drive innovation on the cloud. [Contact our experts to learn how we can guide your AWS journey.](#)