

# Amazon Web Services (AWS) Capabilities

Assess infrastructure and applications, plan and design the cloud migration, and implement a consolidated, flexible, and resilient server environment.



## Service Description

### AWS Professional Services

- Migrate from on-prem or other cloud vendor to AWS
- Design infrastructure based on AWS best practices for availability, performance and security
- Application migration to AWS PaaS or IaaS
- Performance and cost assessment
- Automate AWS and server management leveraging Config Management
- Configure auto-scaling to handle changes in demand
- High availability design and deployment of MySQL
- Extend local data center to AWS with VPN or DirectConnect
- Consolidated billing
- Custom AMI creation for rapid deployment
- Configure CloudFront for content delivery
- Configure Load Balancing for increased performance and availability
- Integration of Route 53 into DNS solution

### AWS Managed Services

- Proactive Server configuration, monitoring and management
- Security management
- DevOps practices
- Managed hybrid Cloud

## Key Messages

### Storage

- Backup & recovery
- Easy to manage

### Security

- Protection with security best practices
- Maintenance of security certifications and accreditations
- High standards set to accommodate a range of customers subject to regulatory rules and requirements
- Secure foundation

### Scale & Pay as you go

- Flexible capacity
- No idle resources
- Scalable resources
- Pay for what you use

### Speed & Agility in Testing and Development

- No long lead times
- Provision the resources you need
- Save money by no longer developing PoC environments

### Global Reach

- Performance
- Broadly distributed

### Apps not Ops

- Focus on your projects and business, not your infrastructure
- Shift resources away from Data Center investments and operations

## Infrastructure Services Experience

- Proactive monitoring and maintenance to actively reduce the number of incidents
- 24/7 support for skilled technologists – service requests up through tier 3
- Trending analysis and recommendations for optimization
- Dependable service levels and aggressive resolution targets
- Phone and web-based portal for submitting service tickets (incident and change requests)
- Up-to-date status of infrastructure and platform vitals via web-based portal
- Incident and change request reports
- AWS Expertise: Advanced Consulting Partner, Channel Reseller Partner, Certified
- Solution Architects, System Operator on AWS and Developer on AWS Certifications
- Managed Services: Stay connected with 24/7/365 proactive server configuration, monitoring and management.

## Customer Challenges and Benefits

**Reduce lead-time for server deployment:** With AWS, respond to business needs more quickly. Spin up test environments in the cloud in record time. No need to spend excessive amounts of time and money developing PoC environments anymore. In the cloud, you can have servers running in minutes and only pay for what you need as you spin up and spin down the environment. Spend time testing applications in the cloud instead of waiting as the infrastructure is being built to run the application.

**Avoid capital expense related to deploying the hardware:** In the cloud you have the advantage of building on a secure foundation where you don't have to worry about the responsibility of securing the infrastructure.

**Only pay for what you use:** Scale your resources up and down and only pay for what you use with the cloud. As your workload grows, the cloud scales to meet your unique demands. When resources aren't being utilized, they are immediately shut down.

**Security:** The cloud offers protection with security best practices. Cloud providers often adhere to higher standards through the maintenance of important security certifications and accreditations. High standards are set to accommodate a range of customers that are subject to regulatory rules and requirements such as financial and health care customers.

## Success Stories

### Daily Voice

A news network needed to retain a partner who had the capabilities of managing their current AWS platform to obtain its full benefit. The client desired a way to keep their capital expenditures down but still have an environment that scaled dynamically. ConRes pulled together a managed services team to monitor and manage all of the systems in the AWS environment. Within a few weeks, ConRes, conversant in AWS, was easily able to manage the environment effectively.

### Law Firm

A law firm utilized our Desktop as a Service solution for the scalability and ease of management for a broad user base. ConRes saw the opportunity to leverage Amazon Workspaces as part of the solution. Once the product became available, ConRes technologists familiarized themselves with the product and saw our client as a good fit. As a result of implementing the virtual desktops, the client has been able to save time and money, increase security and create an easy way to customize desktops for specific users. ConRes is managing the solution to make sure that their needs are evolving with the solution.

### Research Company

A research company leveraged ConRes to provide managed service support for IT infrastructure currently being hosted on Amazon Web Services. ConRes created a Virtual Private Cloud (VPC) in the client's current environment and configured the necessary components to enable the current VPN to connect to the virtual firewall. In addition, ConRes migrated the existing production and tested servers in the new VPC environment. Once the on-boarding process was complete, ConRes managed services officially began. ConRes continues to provide ongoing remote managed services and monitoring for the hosted infrastructure.

### Continental Resources, Inc

**www.ConRes.com | 800.937.4688**

Worldwide Headquarters: 175 Middlesex Tpke Ste 1 | Bedford, MA 01730-9137

Local USA Contacts: Boston | Chicago | NH | NJ | NYC | Philadelphia | Washington DC

International: Toronto | Liverpool | Hong Kong

A certified woman-owned business. WBENC Certificate 2005111735

ISO 9001:2008 Certificate Registration No. 10003304

© 2017 Continental Resources, Inc. Specifications subject to change without notice. Continental Resources is not responsible for typographical errors. All product and manufacturer names are trademarks or registered trademarks of their respective companies. Printed in the USA.