



Case Study

PROGIST SOLUTIONS' AWS INFRASTRUCTURE MODERNIZATION WITH ACECLOUD

At a Glance

Progist Solutions partnered with AceCloud to enhance its AWS infrastructure, focusing on security, availability, and disaster recovery. By integrating AWS services such as API Gateway, WAF, Amazon Cognito, EC2 Auto Scaling, and RDS, Progist achieved improved security, automated deployments, and high availability across multiple regions. The solution also optimized DevOps processes and ensured data protection through automated backups.

Outcomes

- Improved application security and availability
- Automated deployments for efficient lifecycle management
- Enhanced disaster recovery with multi-region backups
- Streamlined DevOps processes with AWS CodePipeline
- Centralized security monitoring with AWS Security Hub
- Increased operational efficiency and scalability

The Client

Progist Solutions is a cybersecurity company founded in 2017, providing innovative solutions to safeguard organizations in the modern digital era. With a focus on delivering products and services that cater to the evolving security needs of businesses, Progist helps companies mitigate the growing risks in cyberspace. Since its inception, Progist has been at the forefront of developing cutting-edge security solutions. The company has earned significant recognition, including winning the prestigious NASSCOM EMERGE 50 Award. Progist's products are designed to protect both enterprises and their customers from cyber threats, including phishing attacks, domain spoofing, and email-based fraud. With over 300 successful projects completed and a growing client base of 100+ enterprise customers, Progist serves major organizations across various industries, including ICICI, HDFC, Reliance, JIO, Vodafone, Cipla, Sunpharma, and L&T.

The Challenge

Progist Solutions faced challenges in maintaining a secure, highly available infrastructure while managing increasing traffic and cyber threats. Their existing architecture lacked automated deployment, real-time monitoring, and disaster recovery mechanisms, leading to security vulnerabilities and operational inefficiencies.

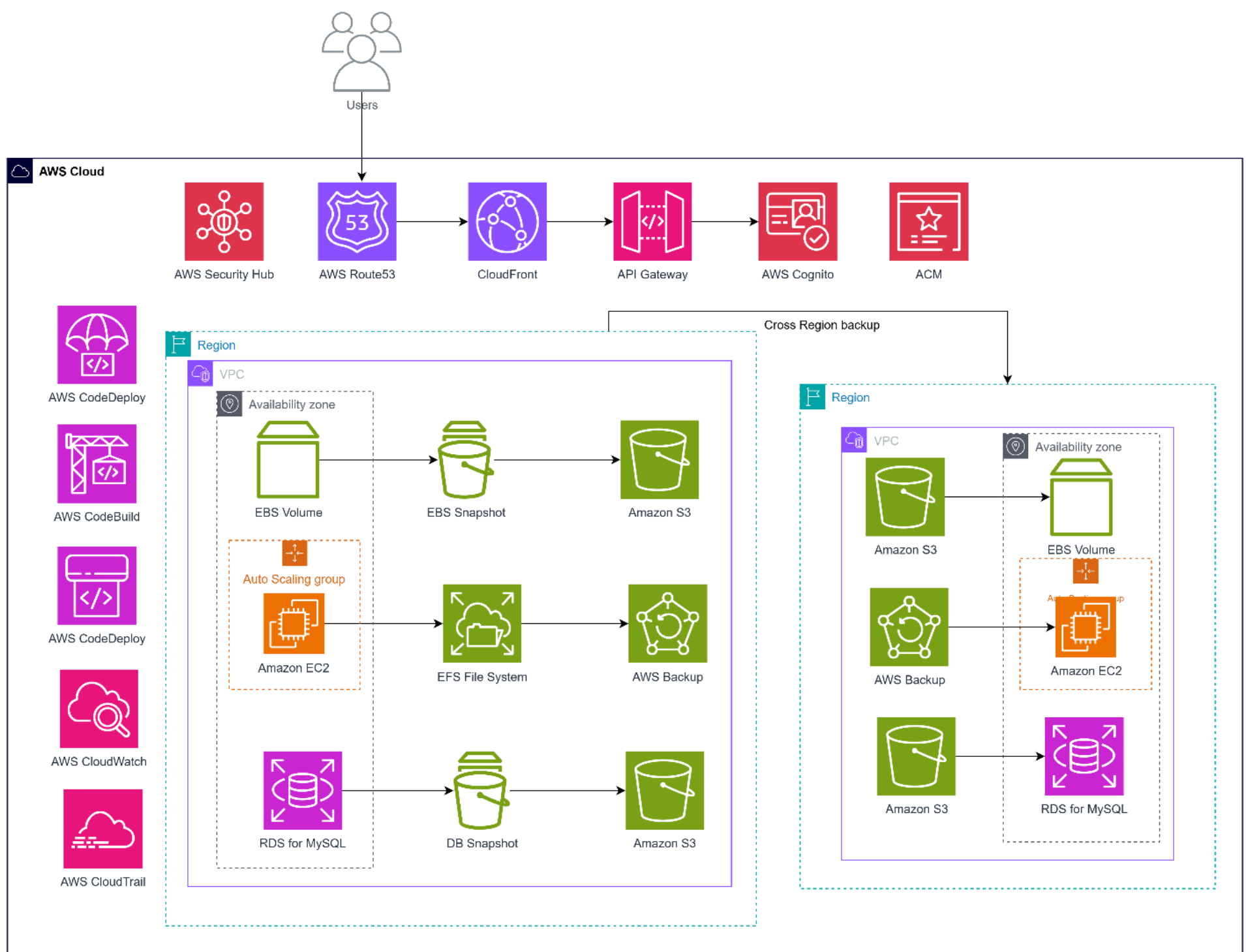
The Solution

To address these challenges, AceCloud, an Advance Consulting and Certified AWS Well Architected Partner designed and implemented a comprehensive AWS-based solution, incorporating:

- **Infrastructure Setup:** Configuring VPC, Route 53, CloudFront, WAF, and Internet Gateway.
- **Compute and Storage:** Deploying EC2 instances, S3 buckets, and RDS for MySQL.

- **Security Enhancements:** Implementing AWS WAF, Cognito, and centralized security monitoring with AWS Security Hub.
- **Automated DevOps:** Utilizing AWS CodeBuild, CodeDeploy, and CodePipeline for CI/CD.
- **Disaster Recovery:** Setting up cross-region backups for EC2 AMIs and application data.
- **Logging and Monitoring:** Enabling CloudWatch, CloudTrail, and CloudFront logs for real-time insights.

Architectural Diagram



Results and Benefits

- **Enhanced Security:** Implementation of WAF, IAM policies, and encryption ensured robust protection against cyber threats.
- **High Availability:** Multi-region architecture with EC2 Auto Scaling and RDS improved uptime and performance.
- **Optimized DevOps:** Automated deployments reduced manual intervention and deployment time.
- **Improved Disaster Recovery:** Cross-region backups and AWS Backup ensured rapid recovery in case of failures.
- **Efficient Monitoring:** Centralized security management through AWS Security Hub provided proactive threat detection.

AWS Services Used



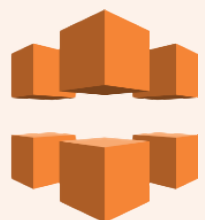
Amazon EC2 (Elastic Compute Cloud)



Amazon RDS (Relational Database Service)



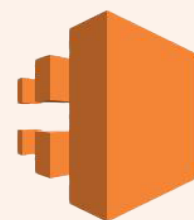
Amazon S3 (Simple Storage Service)



Amazon CloudFront



Amazon CloudWatch



Amazon CloudTrail

Conclusion

By partnering with AceCloud, Progist Solutions successfully modernized its AWS infrastructure, enhancing security, scalability, and operational efficiency. With automated deployments, multi-region availability, and robust security measures, Progist now benefits from a resilient and high-performing cloud environment. This transformation ensures seamless operations, improved data protection, and future-ready scalability, empowering Progist to continue delivering innovative cybersecurity solutions.

About Us



Years of Exp

15+



Data Center

10+



Awards

100+

AceCloud is a leading provider of end-to-end cloud computing solutions to global organizations across industries at scale. It offers a full spectrum of cloud services, including Public Cloud, Application Hosting, AWS Services, Managed Security Services, and Hosted Virtual Desktop Solutions.

AceCloud is a brand of Real Time Data Services (RTDS) group of companies – a leading provider of information technology capabilities specializing in Cloud Computing and Cloud Telephony. RTDS Group has an employee base of 600+ across India, the US, and the UK, supporting over 20,000+ customers and IT infrastructure in 10+ data centers spanning the globe. It offers industry-leading technological solutions that help customers streamline their operations and enhance efficiency.

As an advanced consulting and certified AWS Well-Architected Partner, AceCloud recently achieved the prestigious AWS Storage Competency and is also recognized as an Amazon RDS Service Delivery Partner. These achievements underscore its deep expertise in AWS technologies and commitment to delivering high-quality cloud solutions.



- Public Sector
- Amazon RDS Delivery
- Storage Services Competency
- Well-Architected Partner Program



Contact Us

Are you ready to cut down your cloud spending? Contact AceCloud Experts today to get a customized quote.



awspartner@acecloud.ai



<https://acecloud.ai/aws/>

Our Location

2069 Oneill Dr, Bethel
Park, Pennsylvania,
15102-6602

2637 E Atlantic Blvd
#23519 Pompano Beach,
FL 33062, Florida

Ace Tower, 809-A, Udyog
Vihar, Phase 5, Gurugram
122016, Haryana, India