

AWS Infrastructure Maintenance Support

Centre for Chronic Disease Control (CCDC)

CCDC is seeking a partner for AWS infrastructure maintenance and support for our web and mobile applications. We are open to engaging through vendor companies or freelancers.

Key Responsibilities

Application Deployment & Release Management

- Plan, execute, and monitor deployments for web and mobile applications
- Implement automated CI/CD pipelines using industry-standard tools (e.g., Jenkins, GitHub Actions, AWS CodePipeline)
- Ensure rollback strategies are defined and tested for safe recovery

Backup & Recovery

- Design and maintain automated backup policies for application data, databases, and configurations
- Conduct periodic recovery drills to validate backup integrity
- Document disaster recovery (DR) procedures and ensure compliance with RTO/RPO requirements

Server & Infrastructure Management

- Apply OS-level patches and updates manually and via AWS Systems Manager Patch Manager
- Monitor server health, performance, and capacity using CloudWatch and other monitoring tools
- Ensure compliance with enterprise security standards (firewall rules, IAM policies, encryption)

Incident & Problem Management

- Act as first responder for production incidents, ensuring timely resolution and minimal downtime (may require on-call availability, including occasional off-hours support)
- Maintain incident logs, root cause analysis (RCA) reports, and corrective action plans
- Collaborate with cross-functional teams on preventive measures and continuous improvement

Governance & Compliance

- Adhere to ITIL/ISO practices for change, incident, and problem management
- Maintain audit-friendly documentation for deployments, patches, and backups
- Ensure compliance with enterprise security, data privacy, and regulatory requirements

Required Skills & Experience

- Strong expertise in AWS services (EC2, S3, RDS, CloudWatch, IAM, Systems Manager)
- Proficiency in Linux server administration and shell scripting
- Hands-on experience with CI/CD tools (Jenkins, GitHub Actions, GitLab CI, AWS CodePipeline)
- Knowledge of backup solutions (AWS Backup, custom scripts, third-party tools)
- Familiarity with incident management frameworks (ITIL, ServiceNow, Jira Service Management)
- Strong troubleshooting skills across application, server, and network issues
- Experience with containerization (Docker, Kubernetes) is a plus

Engagement Type

Open to: Vendor Companies | Freelancers

Please reach out to bridgecentre@ccdcindia.org