Defense-In-Depth Cybersecurity Expertise

The AEM Difference

- Depth and breadth of technologies and certifications
- Knowledgeable in the setup and maintenance of IA tools to help identify security issues with your infrastructure, code or database
- Team of DoD 8570/8140 Certified Professionals
- Experienced Information Assurance System Validators
- Decades of supporting systems through ATO efforts
- Highly-sought personnel to include:
  - Certified Information Systems Security Professionals (CISSP)
  - Certified Information Security Managers (CISM)
  - Certified Ethical Hackers (CEH)
- Certified Linux and Oracle Database Administrators

OVERVIEW

AEM experts understand the criticality and sensitivity of data. We offer scalable and secure technologies that are relied upon by a number of federal agencies. Across a range of challenges, we work quickly to deploy and secure systems in accordance with stringent government standards, always minimizing potential risk to the overall network.

Our security experts support a range of client needs:

- Security Processes and Procedures (SPP)
- Certification and Accreditation (C&A)
- Authorization to Operate (ATO)
- Defense Information Assurance Certification and Accreditation Process (DIACAP)
- Risk Management Framework (RMF)
- Security Technical Implementation Guides (STIG)
- Information Assurance Vulnerability Alerts (IAVA) / Command Task Order (CTO) responses
- Hardening a wide variety of infrastructure and software components
- Thorough and detailed technical documentation and required artifacts
- Risk mitigation
- Security assessments and readiness reviews
- Verification and validation activities

AEM takes cybersecurity seriously with a range of experience, certifications and accreditations:

- **DoD 8570/8140 IA Requirements** including Certified Information Systems Security Professional (CISSP), Certified Information Security Manager (CISM), Certified Ethical Hacker (CEH), CompTIA Security+, Navy Validator, Risk Management Framework (RMF) trained
- **Infrastructure Support.** Led by certified professionals in Red Hat, Linux+, Microsoft, VMWare, Docker, Splunk, AppDynamics, Puppet, Jenkins, Ansible
- **Cloud Service:** Personnel with Cloud+, Cloud Essentials, AWS certifications
- **Database Services:** Both our Oracle Certified Professionals (OCP) and Exadata Implementation Specialists lead our services teams to support Oracle Performance Tuning, Oracle Real Application Cluster (RAC), EnterpriseDB, MongoDB
- **Sofware Development:** Deep knowledge base in technologies such as JBoss, Java, HPE Fortify Suite, Neoload, Camunda, GIT, Atlassian Tools (JIRA, Confluence, Crucible)
- **Reporting Support Services** including SAP Business Objects and Cognos
- **Agile Software Development Methodology** fully implemented within our teams, led by Certified Scrum Master, Scrum Product Owners and Scrum Developers
- **Capability Maturity Model Integration (CMMI) Maturity Level 3** for both Development and Services; certified Lead Appraisers in both models
- **Program Management:** Project Management Professionals and Earned Value Management Certifications

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