

AUTHORIZATION MANAGEMENT SECURITY ARCHITECT

SUMMARY

The Authorization Management Security Architect will interface with technical teams, systems architects, and developers. This person will be a subject matter expert in various technologies including authorization services, Provisioning, Synchronization, Meta-directory, and Role Management. The Security Architect will assist in the design, development and configuration of cable industry solutions. Additional responsibilities include conceptual development, planning, specification writing, implementation, analysis of results, and dissemination of conclusions from research. This position may require participation in standards activities and presenting contributions on issues of interest to the cable industry.

FUNCTIONS

- Participate in all phases of the project development life cycle (e.g., requirements analysis, high level design, detailed design, coding, integration, system level test)
- Prepare work estimates, schedule inputs and metric data to project management
- Manage security specifications. Provide direction and coordinate activities with the other section owners and facilitate broad member and vendor input on the draft specifications
- Serve as a subject matter expert on authorization management initiatives and interact with security experts within the member and vendor companies on a continual basis, as well as tracking industry efforts at related standards groups
- Work with legacy and emerging technologies
- Translate business requirements into supportable processes for granting user access to applications
- Assist in the selection and tailoring of approaches, methods and tools to support service offering or industry projects
- Analyze current architecture and recommend solutions to meet security, privacy, access, identity, and other business requirements that enhance the end-user experience
- Define and develop the software architecture required to implement authorization features and capabilities for new and existing applications
- Create strategies and policies for implementing authorization solutions including privilege-based, role-based and policy based access to Web applications
- Perform other duties as assigned

REPORTS TO

VP, Security

CONTACTS

Access providers, academic institutions, vendor engineers, technical staff, CableLabs staff, and industry committees.

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QUALIFICATIONS

- Undergraduate or graduate degree in Computer Science/Engineer, Electrical Engineer, Telecommunications, or equivalent
- 5+ years of relevant work experience
- Experience with the following concepts: Provisioning \ Onboarding \ RBAC \ SAML \ XACML \ PKI \ JAAS \ Directory Services (LDAP) \ Meta-Directory \ Virtual Directory
- Experience developing identity and access management strategies, architectures and implementation plans
- Object Oriented Analysis and Design (OOA/OOD)
- C++, Java, Aspect orientated programming (AOP)

ADDITIONAL QUALIFICATIONS

- Single Sign-on (Zero sign-on) architecture development
- Web Security
- User registration methods
- Self registration methods
- Role management concepts
- Access provisioning concepts
- Federated identity concepts
- PKI (Public Key Infrastructure)

Working knowledge of cable systems architecture, operations, and administration is a plus. Travel as needed.