

# Enterprise Architect

## EAS Role Definition – Enterprise Architect

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### Description

Define and support enterprise-level best practices for technology and solutions architecture.

#### Duties and Responsibilities

##### Plan

- Define enterprise-level reference architecture(s) for application development
- Identify opportunities for improvement in application development infrastructure at both the hardware and software levels
- Define future state architecture
- Define transition architecture
- Define best practices for implementation of shared services

##### Execute

- Provide guidance for Solutions Architects for the development of technical approaches.
- Provide guidance in the development of policies, procedures and technology specific reference architectures for SEI Competency Centers
- Participate in architecture reviews for large, multiplatform implementations.
- Participate in architecture reviews for implementations utilizing new technologies.
- Support infrastructure purchase and evaluation processes
- Identify needs for technology-specific reference architectures
- Provide guidance in the development of shared services

##### Monitor

- Meet with SEI Competency Centers to review policies, procedures and reference architecture implementation.
- Review cross-platform integration technical approaches

##### Communicate

- Communicate goals with SEI Competency Centers
- Communicate need for technology specific reference architectures to SEI Competency Centers
- Communicate enterprise reference architectures to Solution and Application Architects
- Collect information about application development needs from Developers and Architects
- Facilitate communication between SEI Competency Centers regarding integration issues
- Advise Management Team to assist in alignment of business with application infrastructure

### Requirements

1. Prerequisites
  - a. Certifications – None
  - b. Training – Moderate depth of understanding of all EAS development platforms.
  - c. Work experience – Significant prior experience in developer/analyst roles.
  - d. Demonstrated proficiency – Ability to apply abstract architectural concepts to concrete software implementations
2. Ongoing
  - a. Formal Training - None is required. However, there may be opportunities based on individual's Personal Professional Development Plan.

### Scope

1. Internal to EAS only.
2. May work with others identified for similar roles in other CIT departments.

## Budget Responsibilities

None