☐ Current
☒ Proposed

POSITION STATEMENT

1. POSITION INFORMATION

CIVIL SERVICE CLASSIFICATION:	WORKING TITLE:
Information Technology Specialist III	Cloud Network Architect
NAME OF INCUMBENT:	POSITION NUMBER:
	280-351-1415-976
OFFICE/SECTION/UNIT:	SUPERVISOR'S NAME:
Cloud Architecture Section	Karl Pedersen
DIVISION:	SUPERVISOR'S CLASSIFICATION:
Transformation Office	Information Technology Manager II
BRANCH:	REVISION DATE:
EDDNext Modernization and Innovation Branch	10/5/2024

Duties Based on: ☒ FT ☐ PT– Fraction _____ ☐ INT ☐ Temporary – _____ hours

2. REQUIREMENTS OF POSITION

Check all that apply:

☒ Conflict of Interest Filing (Form 700) Required ☐ Call Center/Counter Environment

☐ May be Required to Work in Multiple Locations ☒ Requires Fingerprinting & Background Check

☐ Requires DMV Pull Notice ☐ Bilingual Fluency *(specify below in Description)*

☐ Travel May be Required ☐ Other *(specify below in Description)*

Description of Position Requirements:
(e.g., qualified Veteran, Class C driver's license, bilingual, frequent travel, graveyard/swing shift, etc.)

3. DUTIES AND RESPONSIBILITIES OF POSITION

Summary Statement:
(Briefly describe the position's organizational setting and major functions)

Information Technology Domains (Select all domains applicable to the incumbent's duties/tasks.)

☒ Business Technology Management ☒ IT Project Management ☒ Client Services

☒ Information Security Engineering ☒ Software Engineering ☒ System Engineering

Under the administrative direction of the EDDNext Transformation Office Cloud Architecture Section, the Chief (IT Manager II), the Cloud Network Architect serves as an expert in cloud network infrastructure. This role focuses on designing, implementing, and managing secure, scalable, and highly available network environments. As a crucial member of the Modernization and Innovation Branch (MIB), the Cloud Network Architect is instrumental in aligning network strategies with the overarching goals of the organization. The position requires substantial collaboration with the Project Executive Workgroup (PEW) to ensure that Modernization projects adhere to strategic objectives and utilize the Hybrid Agile Framework (HAF) for efficient and effective project execution.

The Cloud Network Architect works closely with fellow EDDNext Lead Domain Architects to ensure a cohesive approach to network solutions, aligning these with the California Department of Technology Project Approval Lifecycle standards. This position requires an expert understanding of network technologies and their integration into cloud-based environments, driving operational efficiencies and enhancing system availability across the department.

Percentage of Duties	Essential Functions
30%	Technical Leadership in Network Architecture: Acts as the principal architect in the design and management of robust network architectures in the cloud. Influences strategic decisions regarding network infrastructure and leads high-level design and technology choices to support business goals. Provides architectural oversight during the planning and execution phases of projects, ensuring network designs are implemented according to specifications. Oversees the transition of network operations to the cloud, ensuring high availability and optimal network performance.
25%	Design and Development of Cloud Network Infrastructure: Leads the technical development and implementation of network solutions that support scalability, security, and connectivity across cloud environments. Is responsible for the architecture of network infrastructure that meets both technical and business requirements. Develops and maintains network architecture blueprints throughout the project lifecycle, participates in hands-on design, and ensures alignment with overall IT and business strategy.
25%	Network Standards and Compliance: Establishes and enforces network architecture frameworks and compliance with industry best practices. Develops policies that ensure security and integrity within cloud network infrastructures, staying abreast of new technologies and regulatory changes. Provides guidance on cloud network strategies that reduce costs and improve system capabilities, ensuring solutions comply with architectural standards and best practices. Creates and leads presentations, participates in design reviews, and articulates complex network architectures and strategies to a diverse audience, including stakeholders and project teams. Ensures that key technical decisions are communicated clearly and effectively, facilitating informed decision-making and alignment with organizational goals
10%	Optimization, Technical Scalability, and Innovation: Implements state-of-the-art tools and techniques for continuous monitoring and management of network resources. Analyzes network performance data to drive architectural enhancements, focusing on creating resilient systems that manage workloads effectively. Champions the adoption of innovative network technologies and practices, leading training initiatives to enhance the network skills of the IT department. Prepares and delivers reports on the progress of cloud architecture projects, maintaining accountability for the technical soundness of proposed solutions, and keeps up-to-date with industry trends and advancements in cloud computing technologies to ensure effective implementation of innovative cloud solutions.
Percentage of Duties	Marginal Functions

5%	Partners with ITB program areas and project stakeholders to align project goals with strategic business and IT objectives. Coordinates with external vendors and service providers to ensure that all aspects of cloud application projects are aligned with organizational goals.
5%	Performs other duties as necessary.

4. WORK ENVIRONMENT *(Choose all that apply)*

Standing: Occasionally - activity occurs < 33%	Sitting: Frequently - activity occurs 33% to 66%
Walking: Occasionally - activity occurs < 33%	Temperature: Temperature Controlled Office Environment
Lighting: Artificial Lighting	Pushing/Pulling: Occasionally - activity occurs < 33%
Lifting: Occasionally - activity occurs < 33%	Bending/Stooping: Occasionally - activity occurs < 33%

Other: *Click here to enter text.*

Type of Environment:
☐ High Rise   ☒ Cubicle   ☐ Warehouse   ☐ Outdoors   ☐ Other**:**

Interaction with Customers:
☐ Required to work in the lobby   ☐ Required to work at a public counter
☐ Required to assist customers on the phone   ☐ Required to assist customers in person
☐ Other:

5. SUPERVISION EXERCISED:
(List total per each classification of staff)

Directly supervises: N/A

6. SIGNATURES

Employee's Statement:
I have reviewed and discussed the duties and responsibilities of this position with my supervisor and have received a copy of the Position Statement.

Employee's Name:

Employee's Signature: Date:

Supervisor's Statement:
I have reviewed the duties and responsibilities of this position and have provided a copy of the Position Statement to the employee.

Supervisor's Name:

Supervisor's Signature: Date:

7. HRSD USE ONLY

Classification & Pay Group (CPG) Approval

	CPG Analyst Initials	Date Approved
☒ Duties meet class specification and allocation guidelines.	YS	11/22/2024
☐ Exceptional allocation, STD-625 on file.		

Reasonable Accommodation Unit use ONLY *(completed after appointment, if needed)*

If a Reasonable Accommodation is necessary, please complete a Request for Reasonable Accommodation (DE 8421) form and submit to Human Resource Services Division (HRSD), Reasonable Accommodation Coordinator.

List any Reasonable Accommodations made:

Supervisor: After signatures are obtained, make 2 copies:

- Send a copy to HRSD (via your Attendance Clerk) to file in the employee's Official Personnel File (OPF)
- Provide a copy to the employee
- File original in the supervisor's drop file