

CA State Lottery DUTY STATEMENT

(New/Revised 12/2020)

PROPOSED

CURRENT

	EFFECTIVE DATE
DIVISION/UNIT Information Technology Service Division/Technology Operations	POSITION NUMBER (Agency – Unit – Class – Serial) 358 - 500 - 1415 - 003
WORK LOCATION 700 N. 10th Street	CLASS TITLE Information Technology Specialist III
INCUMBENT NAME	WORKING TITLE Senior Cloud Architect

The Lottery is dedicated to implement the public’s mandate to maximize supplemental funding for public education through the responsible sale of lottery products.”

Brief Job Description:

Under the administrative direction of the Assistant Deputy Director and Chief Technology (CTO) of the Information Technology Services Division (ITSD), the Information Technology Specialist III will serve as the Senior Cloud Architect performing activities related to discovering concepts and theories for enterprise modernization architecture. Provides strategic and technical leadership, and mastery-level expertise to drive continuous improvement of the Lottery's cloud platform and other modernization project's use of technology. Requires an advanced level of organizational understanding to bridge the strategic intent and practical technical application. Serves as the key advisor to management on formulating IT strategy, policy, and governance for Lottery cloud architecture, technology innovation, and modernization projects to link strategic goals and innovation. The duties for this position are focused in all six domains; Business Technology Management, Information Security Engineering, Client Services, Information Technology (IT) Project Management, Software Engineering, and System Engineering.

% of time performing duties	Indicate the duties and responsibilities assigned to the position and the percentage of time spent on each. Group related tasks under the same percentage with the highest percentage first. ESSENTIAL FUNCTIONS are the core duties of the position that cannot be reassigned. MARGINAL FUNCTIONS are the minor tasks of the position that can be assigned to others.
45%	<p>ESSENTIAL FUNCTIONS</p> <p>Leads, plans, and organizes cloud architecture solutions to meet the strategic needs of the Lottery to bridge strategic intent and practical application across multiple domains. Provides mastery-level expertise in the design and development of cloud infrastructure solutions, communicates cloud management requirements to the cloud architects and cloud support teams, evaluates and selects appropriate cloud technology, tools, and metrics. Serves as the technical expert for the most complex cloud computing and technology systems to design and transfer on-premises applications to the cloud. Performs risk assessments of third-party platforms and frameworks, and consults with the Cybersecurity and Engineering team to monitor the Lottery's cloud privacy. Architects and implements cloud strategy to address interoperability, portability, scalability, accessibility, and availability while addressing security objectives and overall total cost of ownership. Plans and coordinates the retirement and decommissioning of obsolete technology infrastructure. Documents and maintains enterprise cloud strategy and management plan, topology, and design, architecture artifacts, and components. Leads and manages cloud implementation activities across all technology domains to ensure the successful operation of the Lottery's technology solutions. Develops and presents technical information to internal and external project stakeholders on an ongoing basis at the appropriate level of detail to effectively communicate progress, issues, status, and risks.</p>
30%	<p>Architects, designs, implements, and maintains system architecture across multiple platforms to best align technology solutions with business strategies. Analyzes and recommends new and emerging IT technologies with a focus on cloud architecture to meet enterprise objectives to align with strategic organizational goals. Assesses and provides in-depth technical direction to the team and stakeholders relating to current and proposed project's architecture feasibility, as well as implementation benefits and risks to target architecture maturity. Facilitates the alignment and adoption of service standards, service-oriented architecture, security, and service delivery for the enterprise and ensures architecture, data integration, security, and policy capabilities in order to comply with federal and state policies, architecture requirements, security requirements, and data exchange standards. Recommends new technology, proposed future technology, trends, technical components, interfaces, protocols, and architectures to ITSD management. Formulates, recommends, advises, and leads on the formulation and implementation of IT strategies, policies, practices, standards, processes, controls, specifications, and governance in support of the Lottery's architectural objectives and technology modernization. Evaluates current IT assets and emerging technology trends to forecast and recommend future technology acquisitions.</p>
20%	<p>Collaborates with ITSD team members to develop and implement key strategic IT initiatives including innovation and optimization opportunities. Researches and determines enterprise system design changes and change requirements needed to drive targeted business outcomes by understanding business drivers and business capabilities from both current and future states. Maintains awareness and expertise of current and emerging IT trends and technologies keeping abreast of industry standards, applying new and emerging processes and procedures with an emphasis on cloud architecture. Informs and advises all levels of management on a wide variety of complex and sensitive issues. Provides consultation to the procurement and vendor management teams to support technology procurements through the preparation of product capability analyses, procurement justifications, and solicitation documentation.</p>

5%

MARGINAL FUNCTIONS

Establishes and maintains effective liaison with all levels of the Lottery management team and staff, other state and public agencies, and established Lottery vendor community. Other job-related duties as assigned such as but are not limited to: performing in a project lead capacity, developing/maintaining various documentation, performing advisory and consulting services, etc.

SUPERVISION RECEIVED:

The incumbent is under administrative direction of the ITSD Chief Technology Officer (Information Technology Manager II), receives high-level guidance and leadership to meet Lottery's mission and business objectives.

SUPERVISION EXERCISED:

N/A

TYPICAL PHYSICAL DEMANDS:

This position requires the use of a Lottery mobile telephone in addition to being available remotely after hours and weekends.

TYPICAL WORKING CONDITIONS:

PERSONAL CONTACTS:

The incumbent interacts with various levels of Lottery executives, managers, stakeholders, business areas, staff, gaming vendors and consultants, and other state agencies.

The statements contained in this job description reflect general details as necessary to describe the principal functions of this job. It should not be considered an all-inclusive listing of work requirements. The incumbent of this position may perform other duties (commensurate with this classification) as assigned, including work in other functional areas to cover during absences, to equalize peak work periods or to otherwise balance the workload.

To be reviewed and signed by the supervisor and employee:

SUPERVISOR'S STATEMENT:

- I HAVE DISCUSSED THE DUTIES AND RESPONSIBILITIES OF THE POSITION WITH THE EMPLOYEE
- I HAVE SIGNED AND RECEIVED A COPY OF THE DUTY STATEMENT

SUPERVISOR'S NAME (Print)

SUPERVISOR'S SIGNATURE

DATE SIGNED

EMPLOYEE'S STATEMENT:

- I HAVE DISCUSSED THE DUTIES AND RESPONSIBILITIES OF THE POSITION WITH MY SUPERVISOR
- I HAVE SIGNED AND RECEIVED A COPY OF THE DUTY STATEMENT
- I AM ABLE TO PERFORM THE ESSENTIAL FUNCTIONS LISTED WITH OR WITHOUT REASONABLE ACCOMMODATION
- I UNDERSTAND THAT I MAY BE ASKED TO PERFORM OTHER DUTIES AS ASSIGNED WITHIN MY CURRENT CLASSIFICATION, INCLUDING WORK IN OTHER FUNCTIONAL AREAS AS BUSINESS NEEDS REQUIRE

EMPLOYEE'S NAME (Print)

EMPLOYEE'S SIGNATURE

DATE SIGNED