



Classification: Information Technology Manager I

Working Title: Network Engineering Manager

Position Number: 358-539-1405-001

Division/Unit: Information Technology Services Division / Network Engineering & Support

Assigned Headquarters: Sacramento Headquarters

Position Eligible for Telework (Yes/No): Yes

Job Description Summary

Under general direction of the Assistant Deputy Director and Chief Technology Officer (CTO) of the Information Technology Services Division (ITSD), the Information Technology (IT) Manager I will serve as the Network Engineering Manager planning, organizing, and directing the activities of staff in supporting the California State Lottery's (Lottery) networking infrastructure which includes Cloud, Local Area Network (LAN), and Wide Area Network (WAN). Sets information technology (IT) processes and standards; formulates future long-range vision and objectives; aligns, reviews implementation, and ensures conformance of the Unit with organizational policies and objectives. The duties for this position are focused in the Client Services, Software Engineering, IT Project Management and System Engineering domains; however, work may be assigned in other domains as needed.

Job Description

Essential Functions

- 35% Plans and directs the activities to provide the network infrastructure that supports Lottery business functions. The network infrastructure includes LAN, WAN, Cloud, voice, and data services. This will also include customer support to all Lottery employees for all networking issues. Ensures the very complex and highly critical networking systems operate in an effective and efficient manner. Manages the hardware and software systems for all networking appliances which encompasses the interconnectivity of all Lottery managed voice and data networks and services. Maintains knowledge in support of Lottery services such as Remote Access, System Management, Network Firewall protection, Gateways, Cloud, local and wide area network connectivity which includes 9 District Offices and 2 Warehouse Distribution Centers. Provides solutions architecture and network analysis for the Lottery's network-based Cloud and LAN/WAN projects. Coordinates all Tier 3 support efforts with the network staff to resolve the most complex technical problems and issues that occur with the Lottery's network framework. Creates models to predict network capacity and performance for any new applications and configurations.
- 30% Demonstrates a high level of technical knowledge and leadership for all LAN/WAN and Cloud related network projects. Directs the Network team to develop and implement new enterprise level network infrastructure components, test enhanced capabilities, and provide the Lottery enterprise technical knowledge across all network environments to ensure the highest level of coordination and integration for the Lottery's network infrastructure. Provides overall management and leadership to the network



team, including planning, organizing, budgeting, and leading for meeting the Lottery's goals and objectives. Leads the personnel development effort for the network team, ensuring staff receives appropriate training, mentoring, and coaching for their professional development. Directs the network team to implement technical strategies relating to networking improvements, applying industry best practices, and resolving complex issues. Sponsors and promotes best practices for both existing systems as well as new network operating system level software products to ensure they effectively operate within the Lottery's network infrastructure. Maintains up-to-date knowledge about technology standards, innovations, and industry best practices related to network management. Establishes, implements, and enforces standards for the Lottery's networking infrastructure.

- 20% Regularly meets with staff, and monitors, evaluates, documents, and reports on staff activities and project status to ensure the highest level of performance in meeting staff performance and workload service level objectives/agreements. Recommends, develops, proposes, and plans high-level sensitive projects or studies. Identifies issues and takes appropriate action. Develops staff and carries out Department and Division succession plan strategies. Completes training plans, probation reports, and other personnel-related products in a timely manner. The incumbent is responsible for staff and subject matter experts professional and program development through professional training, education, enhancing cross-departmental collaboration, job shadowing, and providing diverse assignment opportunities. Builds a team of highly motivated and high-performing professionals; develops sustainable hiring, promotional, and retention strategies; fosters a highly innovative culture focused on delivering customer value; promotes and maintains a positive and collaborative work environment.
- 10% Establishes and maintains collaborative relationships as an effective liaison with all levels of the Lottery management team and staff, other state and public agencies, and established Lottery vendor community.

Marginal Functions

- 5% Other job-related duties as assigned such as but not limited to: performing in a project lead capacity, developing/maintaining various documentation, performing advisory and consulting services, etc. Serves as an advisor on key governance bodies; and participates, as needed, in ad-hoc committees, work groups, and projects.

Scope and Impact

- a. Consequence of Error: ITSD is responsible delivering high-quality technology services and solutions that enable the business to achieve its goals and objectives. With over 1000 staff located in offices throughout the state, the Lottery's sole mission is to provide supplemental funding for California's public schools and colleges. While the Lottery is a public agency, it receives no public funding. Instead, all operating and administrative expenses are raised through the responsible sales of our games. Disruptions that impact revenue generation would significantly affect the Lottery's ability to achieve its mission. In addition, incorrect data supplied to executives, upon which members rely for decision-making criteria, and/or unsupported recommended approaches or solutions could result in wasted resources and inefficient use of Lottery resources. Negative decisions on mission critical Lottery systems could result in outages where such failures would be a significant embarrassment to the Lottery, the Governor, and the state.



Failure to use good judgment performing the functions of this position may result in degraded service to ITSD customers and the public, resulting in potential financial and reputational harm to the department. The position requires knowledge of technology trends to ensure that Lottery's network infrastructure can support current and future requirements.

- b. **Administrative Responsibility:** Provides strategic as well as day-to-day management responsibilities. Responsible for all aspects of workforce development, succession planning, and performance management including, but not limited to: recruiting, hiring, retaining, workforce development, succession planning, training/cross-training, knowledge transfer, mentoring, coaching, progressive discipline, corrective action, onboarding/offboarding, employee engagement, and ensuring and maintaining a positive and diverse workforce composition in ITSD.
- c. **Supervision Exercised and Received:** The Network Engineering Manager is under general direction of and receives most assignments from the Assistant Deputy Director and CTO, IT Manager II; direction and assignments may also come from the extended ITSD management team.

The incumbent is responsible for planning, organizing, and directing the vision of the program and work of subordinate staff. The incumbent must also have knowledge of effective principles of supervision, leadership, and progressive discipline process and procedures.

- d. **Personal Contacts:** The Network Engineering Manager interacts with various levels of Lottery executives, managers, stakeholders, business areas, staff, vendors and consultant, and other state agencies.

Physical and Environmental Demands

Not Applicable.

Working Conditions and Requirements

The incumbent will work in a fast-paced environment, with competing priorities, and critical deliverables.

- a. **Schedule:** This position has work hours from 8:00 a.m. to 5:00 p.m. Weekends, long and/or irregular hours, after-hours work, and holiday work may be required.
- b. **Travel:** Statewide overnight travel may be required.
- c. **Other:** This position is required to carry a Lottery issued cell phone. This position is required to be reachable outside of normal business hours.

Effective Date:

NOTE: 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 otherwise balance the workload.



SUPERVISOR'S STATEMENT:

- I have discussed the duties and responsibilities of the position with the employee.
- I have retained a copy of the signed duty statement.

Supervisor Signature

Printed Name

Date

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 Signature

Printed Name

Date



Duty Statement Instructions (Rev. 04/2023)

NOTE: After inserting the text/information into the duty statement, remove all "Insert Text" or "Insert Text to describe the following" prompts.

Classification: Enter the legal class title of the position (e.g., Office Technician (Typing), Staff Services Analyst, District Sales Representative, etc.).

Working Title: Enter the working title of the position if different from the legal class title.

Position Number: Enter the full position number assigned as shown on the department's organization chart (e.g., Agency: 358, Unit: 031, Class: 5157 (SSA), Serial: 001: [358-031-5157-001]).

Division/Unit: Enter the Division/Unit name where the position resides in the Lottery organization.

Assigned Headquarters: Enter the physical work location where the employee will work (e.g., Sacramento Headquarters, Fresno District Office (Fresno DO), Northern Distribution Center, etc.).

Position Eligible for Telework (Yes/No):

Job Description Summary: Briefly describe the overall purpose of the position, the degree of supervision received, and any supervision exercised. Should not exceed 4 sentences. Example: Under the supervision of the Staff Services Manager I, the incumbent is responsible for ...**ADD THE SUMMARY OF DUTIES TO BE PERFORMED.**

NOTE: To determine the level of supervision received (e.g., under direct supervision, direction, etc.), refer to the class specification or contact your C&P, Examinations Analyst.

Job Description: This will consist of 'Essential (E)' duties and 'Marginal (M)' duties (if applicable). Enter the percentage of time the incumbent will spend performing each group of essential and marginal functions (Example: A duty that is regarded as 5% is equivalent to approximately 2 hours of work per week OR 8 hours (one day) of work per month). **NOTE:** Percentages must be in descending order with the largest percentage of duties at the top. Percentages must not be less than 5% of time. Total of all percentages must equal 100%.

- Essential Functions – these duties are why the position exists. The employee must be able to perform the essential duties of the position with or without a reasonable accommodation. Ensure the duties assigned to the position are appropriate for the classification and group similar tasks together. Explain **WHAT** the task or duty is to be performed, **WHY** the task is being **WHAT GOAL** is being achieved, and **WHERE/WHEN** is the task done if relevant to the working conditions of the job.
- Example: **WHAT:** Meet with retailers **WHERE/WHEN:** monthly in the field at the retailer's place of business **WHY:** to determine Lottery Scratcher needs **WHAT GOAL:** and ensure supply/demand needs are met.

NOTE: Spell out acronyms. Typically, acronyms are created by a department for division/unit names or other works that are used frequently within the department. These acronyms are not well known throughout all departments within the State of CA or the public. Job applicants and/or new employees will not be familiar with these acronyms or understand their meaning, therefore, acronyms should be spelled out in duty statements (and Job bulletins).

- Marginal Functions – These are additional duties that are incidental or a minimum part of the job. These duties can be redistributed among other staff. Additionally, if you list 'Other duties as assigned', you must indicate what the other duties might entail (e.g., other duties assigned such as assisting other staff as needed, or assist with special projects as assigned, etc.) This percentage must be included in all percentages which in total cannot exceed 100%. **NOTE:** Marginal Functions should be no more than 5%.

Scope and Impact: Describe the following:

- a. Consequences of Error: (Describe consequences to the department, division, etc., if the person did not perform the duties of the position.)
- b. Administrative Responsibility: (Describe incumbent's role, such as activities related to personnel, training, business operations, etc.)
- c. Supervision Exercised and Received: (Describe position that supervises the incumbent and classifications the incumbent supervises, or if not a supervisory classification, add 'This position does not supervise others.')
- d. Internal Personal Contacts: (List frequent internal contacts to perform their duties such as, executive staff, Lottery managers and supervisors, other Lottery division staff, etc.)

Physical and Environmental Demands: (Describe the physical environment of the main work location

Working Conditions and Requirements: Describe the following:



Job Description

- a. Schedule:
- b. Travel:
- c. Other:

Effective Date: Enter the effective date of the duty statement (employee appointment date).