



Loudoun County Public Schools

HUMAN RESOURCES AND TALENT DEVELOPMENT

JOB CLASS SPECIFICATION

Certified: 5/18/2026

Lead Endpoint Engineer

Pay Scale: B

Level: 15

FLSA Status: Exempt

Job Family: Information Technology

Primary Location: Digital Innovation Annex

Department Overview

The Department of Digital Innovation (DDI) contributes to the infusion of digital innovation into teaching and learning, as well as the operations of LCPS, by providing leadership and support in all areas of digital innovation planning and technology resource management. DDI is committed to building a transparent open organizational environment providing students, teachers, parents, administrators, and the community with highly functional technology that is easy to use, reliable, and cost-effective to support a consistently superior level of instruction and student achievement. The Department includes the following teams: Enterprise Solutions, Digital Experience, Enterprise Resource Planning, IT Security, Infrastructure & Engineering, and IT Project Management.

Job Overview

The Lead Endpoint Engineer will play a critical role as a technology service owner within the Department of Digital Information Infrastructure and Engineering team. A Lead Endpoint Engineer is a jack-of-all-trades regarding endpoint management and utilizes their skills, experience, and talent to recommend, design, implement, and support next generation technologies across the enterprise. Lead Endpoint Engineers also provide mentorship and coaching to Endpoint Engineers and Specialists as required. The position serves as a primary technology service owner responsible for enterprise endpoint management practices including software distribution, OS and Application patching, antivirus, application deployments, desktop virtualization, device provisioning, application testing, license management, and device configuration. These technologies support a dynamic learning environment that empowers 15,000 staff to deliver a world class education for 80,000+ students.

Roles and Responsibilities

The following information is intended to describe the overall nature and scope of the work being performed. This is not a comprehensive listing of all responsibilities or tasks; work may differ and other work may be assigned when deemed appropriate.

- Principally owns several technology services within LCPS that includes software distribution, OS and Application patching, antivirus, application deployments, device imaging, application testing, desktop virtualization, cloud service management, and device configuration
- Provides mentorship, coaching, and training to Endpoint Engineers and Specialists and take lead on new projects and initiatives
- Escalates concerns to the Endpoint Management Team and acts as a direct liaison to Endpoint Supervisor
- Documents the processes and procedures as related to the mission of Endpoint Management
- Develops strategies and collaborates with technical and non-technical staff on core infrastructure projects
- Designs and deploys new systems and enhancements to existing systems
- Measures effectiveness of existing core infrastructure systems and strategically design and implements improvements

- Monitors and tests system performance to include the delivery of statistics and reports
- Manages projects and reports status updates to senior leadership on a regular basis
- Provides guidance to other technical staff
- Solves complex engineering issues while working collaboratively with other departments in a team first approach
- Resolves issues by applying outstanding communication, analytical, technical, critical thinking, and creative problem-solving skills to ensure all systems operate effectively and efficiently to maximize education opportunities for students
- Provides excellent customer service to both external and internal customers

Qualifications

Below are the minimum qualifications for this job. Equivalent combinations of education and experience are also acceptable.

Education

Bachelor's Degree in information technology, computer science, or a related field

Experience

Five (5) years full-time work experience in information technology, preferably endpoint management Mastery in at least one and experience in at least two endpoint management or infrastructure services, including (but not limited to): Microsoft Intune, Microsoft Entra ID, Microsoft Autopilot, Microsoft SCCM, Google Workspace, Amazon Web Services, Ivanti Endpoint Manager, JAMF, VMWare Workstation, Dizzion FRAME, Active Directory, BeyondTrust, Radix MDM

Experience in at least two major operating systems, including Windows, macOS, iPadOS, or ChromeOS

Experience in operating system configuration and deployment

Experience supporting large enterprise environments and large fleets of endpoints

Prior experience supporting a K-12 environment is highly desirable, with an understanding of the unique IT support needs and challenges in this environment

Prior leadership or management skills. This is not a management position, but as a Lead, it is expected to set an example for the team

Scripting experience using PowerShell, VBScript, or Command Shell

Licenses and Certifications

Knowledge, Skills and Abilities

- Exceptional problem-solving and critical-thinking skills, with the ability to identify, analyze, and resolve technical issues
- A commitment to staying current with emerging technologies and best practices in information technology
- Strong knowledge in at least two major operating systems, including Windows, macOS, iPadOS, or ChromeOS
- Strong knowledge in operating system configuration and deployment
- Strong knowledge supporting large enterprise environments and large fleets of endpoints

Physical Requirements

The following provides a brief description of physical requirements for this job:

While performing the duties of this job, the employee is regularly talking, expressing, or exchanging ideas by means of the spoken word. The employee must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly. The employee must possess normal cognitive abilities including the ability to learn, recall and apply certain practices and policies. Frequently sitting and/or remaining in a stationary position for long periods of time.

Exerting up to 25 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects.

Equal Opportunity Employment

The Loudoun County School Board seeks to cultivate a high performing team of professionals focused on its mission and goals. The School Board values merit and excellence within its workforce and encourages the highest levels of professionalism for all its employees.

The School Board also recognizes and values the diversity of the students and broader community it serves and encourages diversity within its workforce.

The Loudoun County School Board is an Equal Opportunity Employer. The School Board does not discriminate against qualified applicants or employees on the basis of actual or perceived race, national origin, ancestry, color, sex, sexual orientation, gender identity, pregnancy, childbirth or related medical conditions, marital status, age, religion, disability, genetic information, veteran status or any basis protected by law.

ADA Accommodations Disclosure

Under the Americans with Disabilities Act (ADA), Loudoun County Public Schools is required to provide reasonable accommodations to qualified employees with disabilities, unless doing so would pose an undue hardship. Qualified employees are those who hold the necessary education, skills, and experience for the job; and who can perform its essential responsibilities, with or without an accommodation.

Remote Work Disclosure

The following guidelines apply to jobs and positions where employees have been identified as having the potential to work remotely. Remote work is defined as completing one's duties and responsibilities at a site other than one's assigned duty location. In order to be eligible for remote work privileges, an employee must have demonstrated consistent, positive performance and have the support and approval of their direct supervisor. In addition, these employees must have reliable high-speed internet and a designated workspace that allows them privacy while completing sensitive and confidential work. Employees who are non-exempt and are working remotely will work their regular scheduled hours and gain prior approval from their supervisor if they work more than 8 hours a day or more than 40 hours in a workweek. Remote work privileges can be amended, changed, or revoked based upon the performance of the employee, as well as the needs of Loudoun County Public Schools.