

RFP for Cisco Identity Services Engine (ISE)

RFP Number: 2024-1 **Due Date:** September 18, 2024 @ 2:00 PM

1. Introduction

Davidson County Public Schools is seeking a robust and scalable identity and access management (IAM) solution to enhance security, streamline operations, and improve user experience. We are inviting qualified vendors to submit proposals for Cisco Identity Services Engine (ISE) to meet our specific requirements.

2. Scope of Work

The primary objectives of this RFP are to:

- Implement a centralized platform for managing network access control (NAC) and policy enforcement.
- Integrate ISE with existing network infrastructure and systems.
- Configure and manage user authentication, authorization, and accounting (AAA) services.
- Implement role-based access control (RBAC) and policy-based access control (PBAC).
- Provide visibility and control over network traffic and devices.
- Ensure compliance with industry standards and regulations.
- Completion of the project by December 1, 2024.

3. Functional Requirements

- **Network Access Control (NAC):**
 - Enforcement of device posture compliance policies.
 - Quarantine of non-compliant devices.
 - Integration with endpoint security solutions.
- **Authentication and Authorization:**
 - Support for various authentication methods (e.g., username/password, RADIUS, LDAP, SAML, Kerberos).
 - Enforcement of authorization policies based on user roles, groups, and attributes.
 - Integration with identity providers and directory services.
- **Accounting:**
 - Tracking and reporting of network usage and user activity.
 - Integration with billing systems and analytics tools.
- **Policy-Based Access Control (PBAC):**
 - Creation and management of granular access policies based on user, device, and network conditions.
 - Enforcement of guest access policies.
- **Role-Based Access Control (RBAC):**
 - Definition and assignment of user roles with associated privileges.
 - Automation of access provisioning and deprovisioning.
- **Integration and Interoperability:**

- Integration with existing network infrastructure (e.g., switches, routers, wireless controllers).
- Integration with other security systems (e.g., firewalls, intrusion detection systems).
- Support for industry standards and protocols (e.g., RADIUS, LDAP, SAML, Kerberos).
- **Reporting and Analytics:**
 - Comprehensive reporting capabilities to monitor network activity, user behavior, and compliance.
 - Integration with analytics tools for data analysis and visualization.

4. Technical Requirements

- **Hardware and Software Requirements:**
 - Minimum hardware specifications for ISE deployment.
 - Compatibility with existing network infrastructure and systems.
 - Required software licenses and modules.
 - Minimum 25,000 clients.
- **Scalability and Performance:**
 - Ability to handle expected user and device loads.
 - Performance benchmarks and scalability metrics.
- **Security and Compliance:**
 - Adherence to security best practices and industry standards (e.g., PCI DSS, HIPAA, GDPR).
 - Implementation of security features (e.g., encryption, authentication, authorization).

5. Proposal Evaluation Criteria

Proposals will be evaluated based on the following criteria:

- **Technical Capabilities:** Ability to meet the functional and technical requirements.
- **Experience and Expertise:** Vendor's experience in implementing Cisco ISE solutions.
- **Professional Services:** Quality and scope of professional services offered.
- **Pricing and Cost:** Total cost of ownership, including hardware, software, and services.
- **Support and Maintenance:** Level of support and maintenance services provided.

6. Proposal Submission

Proposals must be submitted by **September 18, 2024 at 2:00 PM** to the following address.

Keith Koonts, Director of Technology
Davidson County Schools
2065 E Holly Grove Road, Suite A
Lexington, NC 27292

- **Bids should include all applicable charges, including any shipping charges, installation charges, and 7% North Carolina sales tax.**

- Bids will only be accepted if mailed to the buyer address above.
- The Davidson County Board of Education reserves the right to reject any and all proposals at any time and for any reason that may be in the best interests of the school system. All proposals are subject to final approval from the Davidson County Board of Education.

Please include the following information in your proposal:

- Company profile and experience
- Technical approach and methodology
- Proposed solution architecture
- Implementation timeline and milestones
- Pricing and cost breakdown
- References and case studies

We look forward to receiving your proposals and selecting the best vendor to meet our ISE requirements.

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