
BOARD AGENDA ITEM

Information/Discussion _____

Future Action _____

Action X

Item: Data Protection Engineer

Submitted by: Tim Lillis

Date: 6/5/2025

Recommended by: Glen Finkel

Board Meeting Date: 6/16/2025

RECOMMENDATION:

It is recommended that the board approve the reclassification of the current *Storage and Database Administrator* role to *Data Protection Engineer* to better align with the district's evolving data security and compliance needs. This would change from a Grade 5 to a Grade 7 title.

BACKGROUND:

While the existing role focuses on maintaining backups, storage, and databases, today's environment demands a more proactive approach to data protection. This includes advanced disaster recovery planning, ransomware mitigation, regulatory compliance, and enterprise data risk management—tasks that exceed the current job scope.

This updated position will help ensure we meet critical recovery objectives and safeguard sensitive data in a rapidly changing threat landscape.

Thank you for your consideration.

The scope of this role includes:

- Manage and maintain storage systems (e.g., Pure Storage, EMC VNX, Nimble).
- Monitor storage system performance and capacity.
- Implement storage provisioning and capacity planning strategies.
- Troubleshoot storage-related issues.
- Design, implement, and maintain backup and recovery solutions (e.g., Veeam, Rubric).
- Test and validate backup and recovery procedures.
- Implement disaster recovery strategies and conduct disaster recovery drills.
- Manage and maintain database systems (e.g., SQL Server).
- Perform database backups, restores, and recovery operations.
- Optimize database performance.
- Implement database security best practices.
- Forecast future storage and backup needs.
- Implement capacity planning strategies to ensure optimal resource utilization.
- Troubleshoot complex technical issues related to storage, backup, and database systems.