Josh and I are generally responsible for the comprehensive support of the Database Management Systems (DBMS) and Database layer for the enterprise.

Any solution within the enterprise (*Teamcenter, the EDW (fka “Rogue1”), NERVE, Cobra, Costpoint, OnBase, any custom application, etc.*) that is supported by a database is managed by the Database Administration function.

In this context, “management” consists of the following measurable technical responsibilities, at the DBMS and Database layers:

* Architecture (Solution building)
* Installation (Systems)
* Configuration (Subject Matter Expertise)
* Engineering (Solution support)
* Automation (Tasks)
* Access Provisioning (Onboarding / Offboarding)
* Attestation (Compliance)
* Maintenance (Care and feeding)
* Encryption (Security)
* Tuning (Performance)
* HA/DR Solutions (System resiliency, RPO / RTO)
* ETL Solutions (Data movement)

**DATABASE MANAGEMENT:**

Design, implement, maintain efficient / secure systems

Ensure data integrity and availability through comprehensive disaster recovery efforts in line with defined SLAs

Upgrades, Optimizations.

**PERFORMANCE MONITORING AND TUNING:**

Monitor / proactively identify and resolve issues

Optimize queries, tune database structures for improved efficiency

Regularly assess performance, propose and implement enhancements as appropriate.

**SECURITY AND COMPLIANCE:**

Implement / maintain robust security measures to protect data assets of varying type and sensitivity.

Ensure compliance with data protection regulations and industry standards

Perform regular security audits, and implement corrective actions when necessary.

**SUPPORT**:

Collaborate with Solution Owners, Development and IT Systems teams to ascertain business requirements relative to data.

Provide technical support to end-users and address database related issues.

Integrate database systems and objects with existing applications and solutions.

**DOCUMENTATION AND REPORTING:**

Create and maintain comprehensive documentation of database configurations, procedures, policies and practices.

Generate regular reports on database performance, usage, and potential issues.