

Sierra Space’s IT environment contains a wide blend of inherited / migrated solutions from our former parent company (SNC), commercial off-the-shelf solutions (COTS) as well as solutions that have been architected from scratch in-house to serve specific needs. Database technology at Sierra Space supports virtually all these needs in some form or fashion.

Due to the widely varying scope of the solutions within IT, the large scale / distributed nature of the environment in general, and the fluid nature of all database related technology, a very particular combination of technical skills, subject matter expertise, business savvy, and attention-to-detail is required to effectively manage the database layer.

Executive Summary: To integrate / elevate Sierra Space Database Solutions group into Enterprise Operations Organization through continued demonstration of subject matter expertise, diligent work ethic, attention to detail, and exceptional communication skills.

Ongoing Strategic Initiatives:

- Build-out of Database Solutions function
- Apply short to medium-term standards and solutions to enable medium to long-term rapid expansion.
- Set reasonable, clear, and realistic expectations for database technologies and broad-scoped capabilities.

“Go slow in order to go fast.”

Ongoing Tactical Initiatives:

- Hypersupport / Rapid Response
- Develop Service Catalog
- Collapse sprawl
- Evaluate feasibility of PaaS (Azure) migrations

Non-Technical Goals:

- Increase visibility through communication / expectations. **(Clear, Complete, Correct, Concise, Courteous)**
- Continue to offer white-glove support to customers, peers, colleagues, and stakeholders.
- Adopt and promote a methodical technical approach whenever possible, with a bias toward uncompromised quality of work, expectation setting, and attention to detail.

“Measure twice, cut once.” “Correct is better than fast. (Be both.)”

Milestone INFORMATION

Milestone DEPENDENCY

Milestone BLOCKER

Loose Task(?)

Not Started Task

Started On Track Task

Not Started Task

Blown / On-Hold / Cancelled

Started At Risk Task

Completed Task

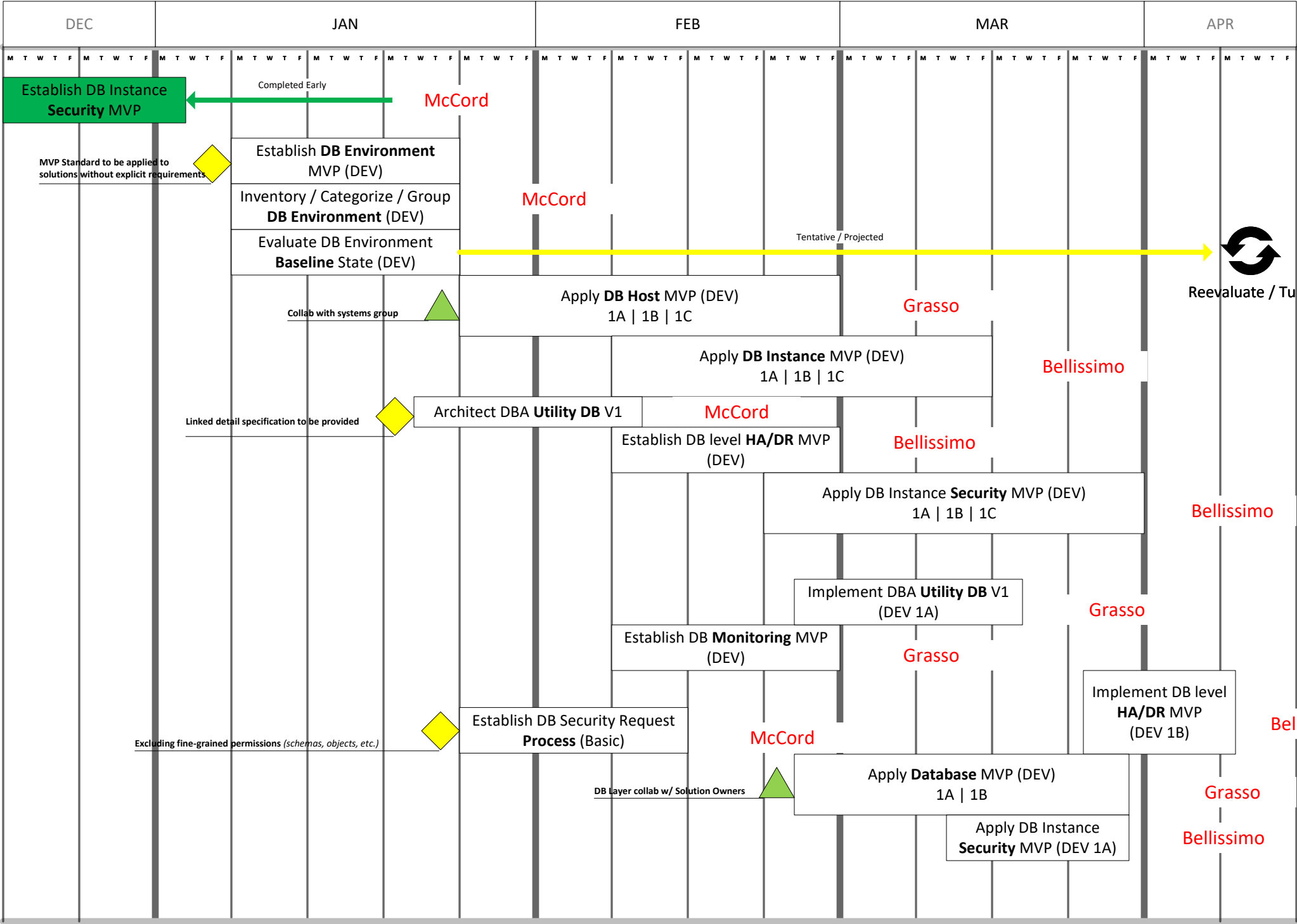
Current projected completion

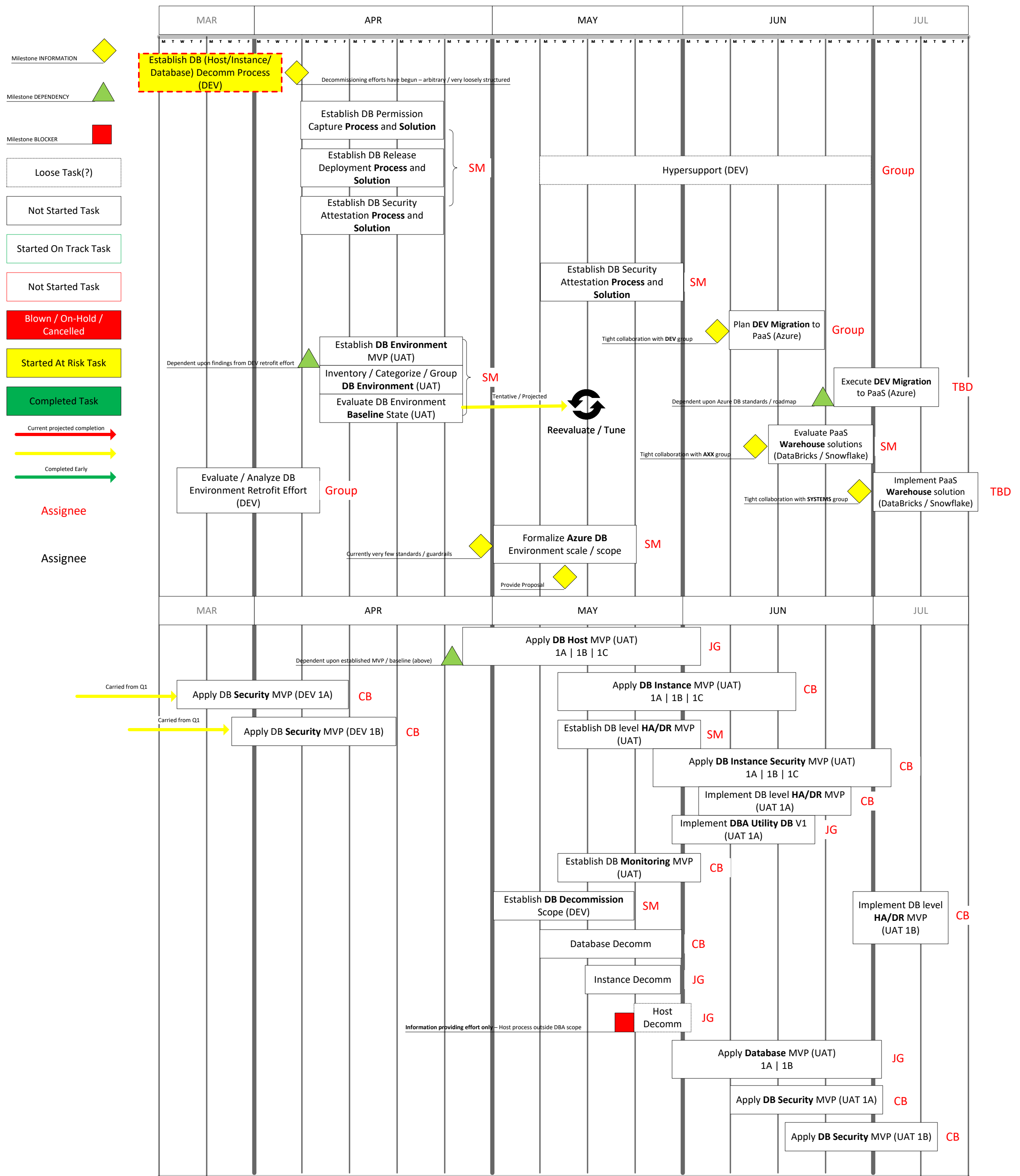
Tentative / Projected / Carrying

Completed Early

Assignee

Assignee





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Started On Track Task

Not Started Task

Blown / On-Hold / Cancelled

Started At Risk Task

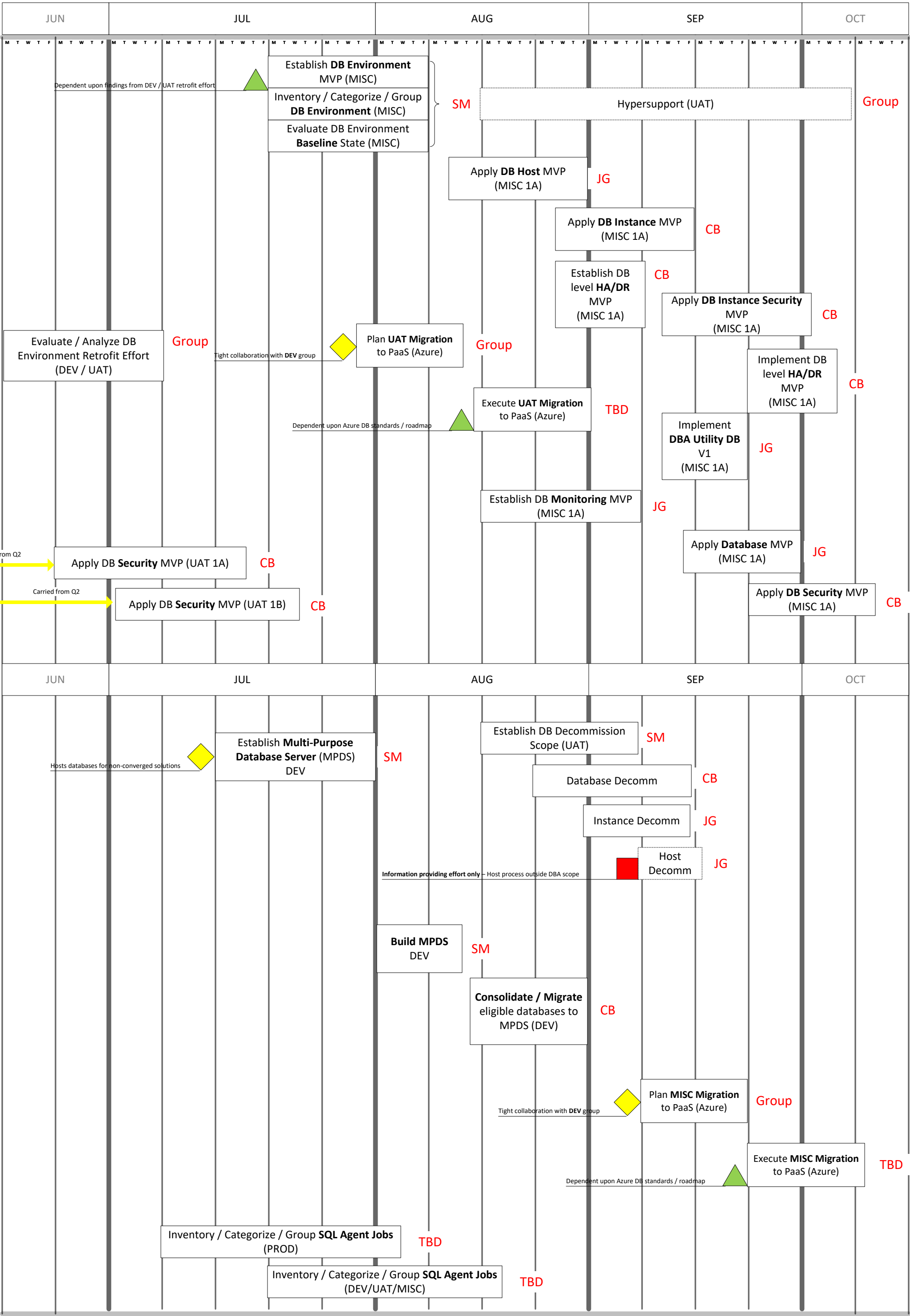
Completed Task

Current projected completion

Completed Early

Assignee

Assignee



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Loose Task(?)

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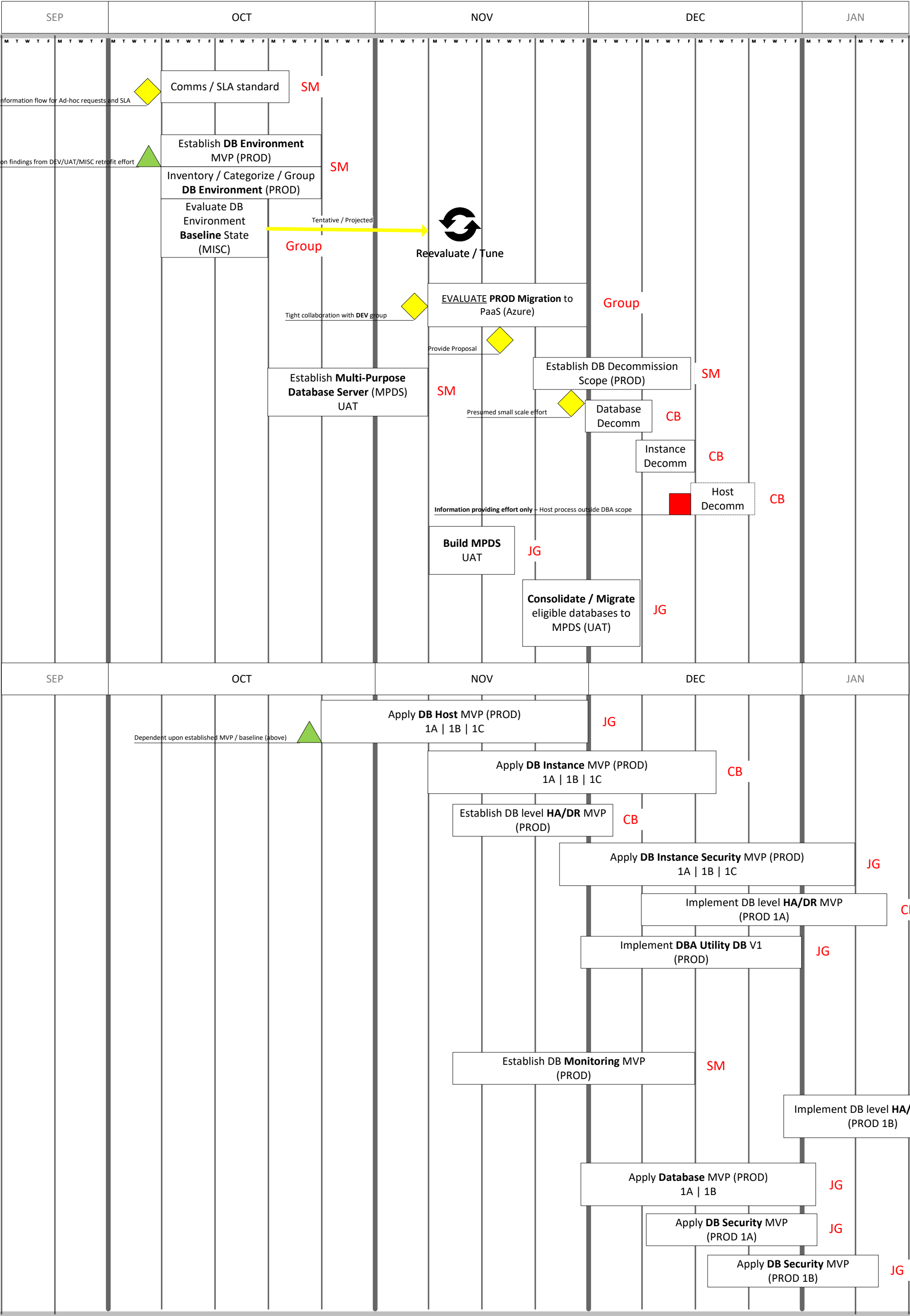
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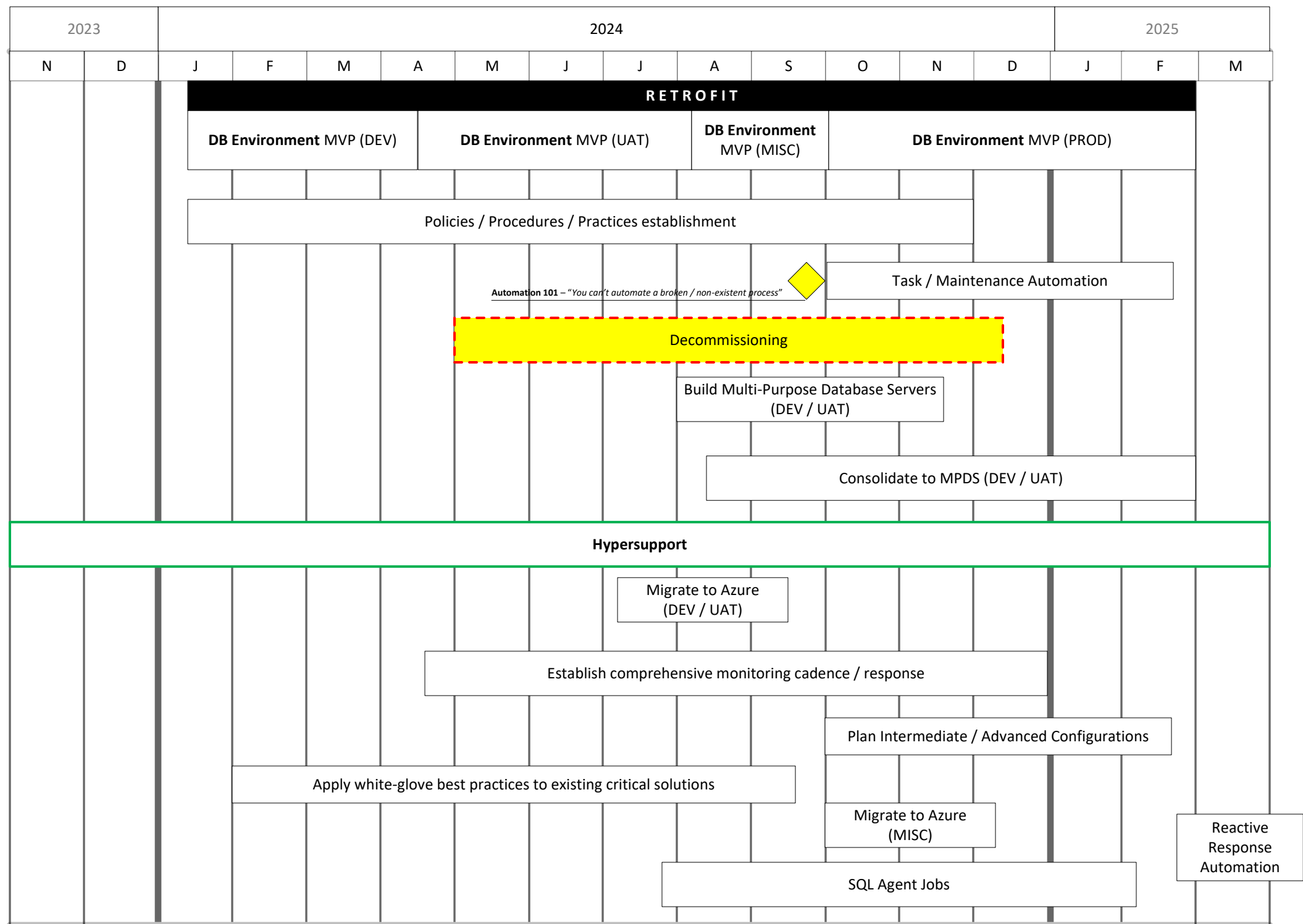
Current projected completion

Completed Early

Assignee

Assignee





Intra-group disciplines and responsibilities at SierraSpace

Administration

Using available techniques, administer environment on behalf of stakeholders

Support

Using available techniques, respond to, support and resolve incidents encountered by stakeholders / users

Engineering

Create solutions to optimize ease-of-use for customers, and ease administration and support burdens for DBA / DBS staff

Architecture

Comprehensive planning, strategy, optimization and design

Security

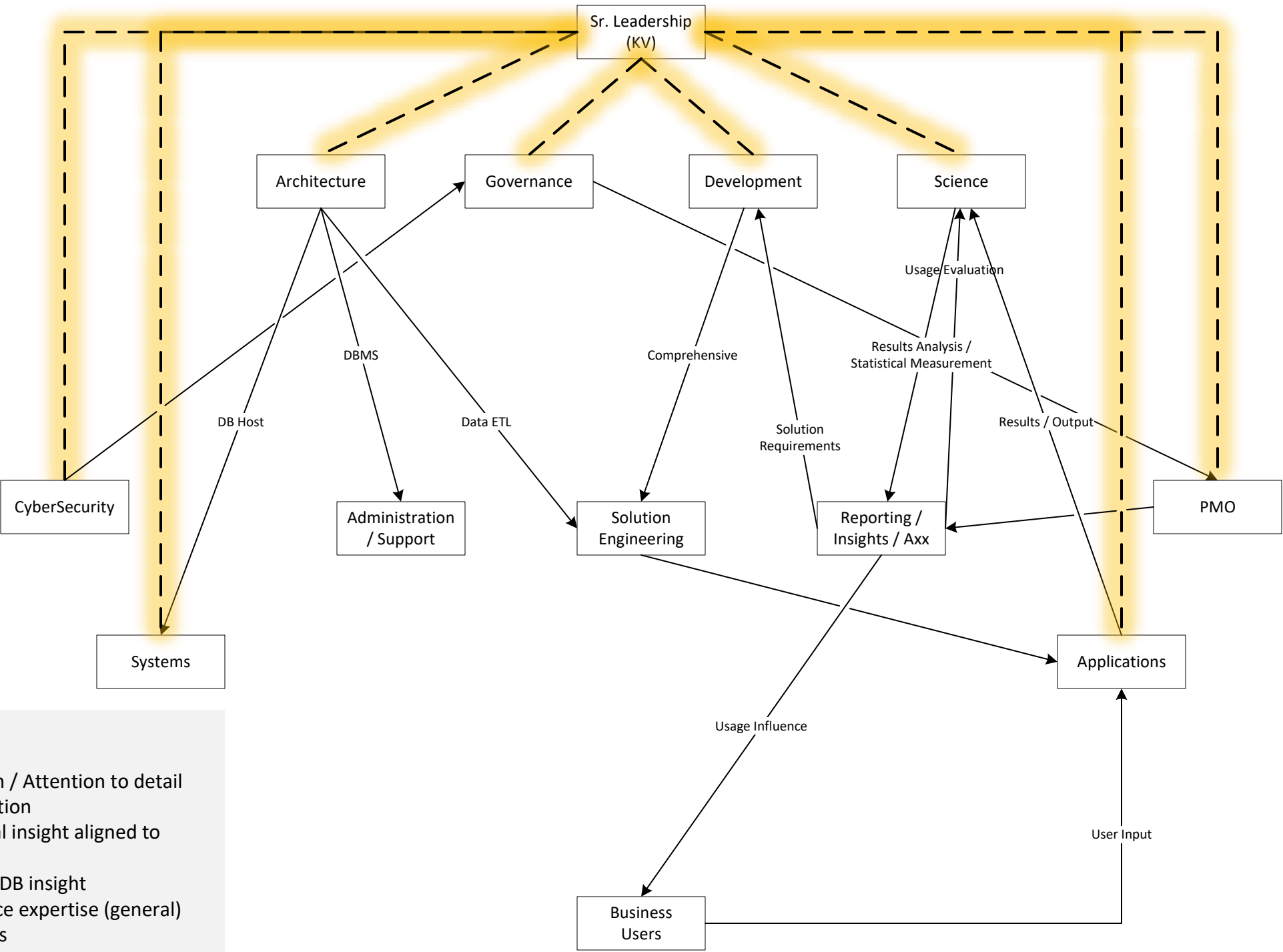
Comprehensive administration of Database layer security facets in support of stakeholders and business requirements

Analysis

Using system performance counters, historical metrics and extrapolative measurement to inform future architectural decisions

OR

Analyzing proprietary solution data to “make data driven business decisions”



Benefits to proposal:

- + Superior Organization / Attention to detail
- + Superior Communication
- + Strategic architectural insight aligned to practical capabilities
- + (Retained) SME level DB insight
- + Additional Governance expertise (general)
- + Unified data functions
- + Clarified roles / responsibilities

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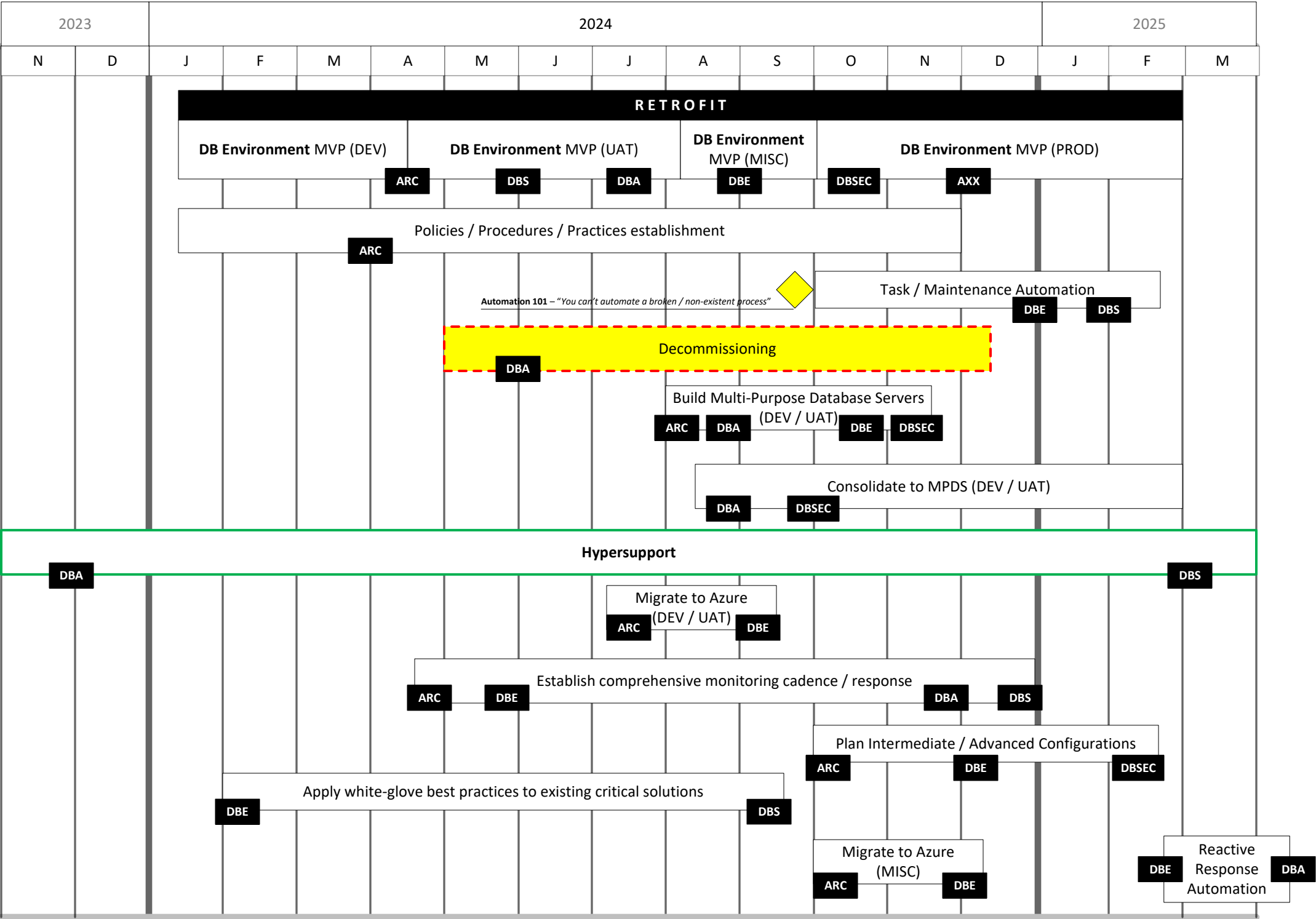
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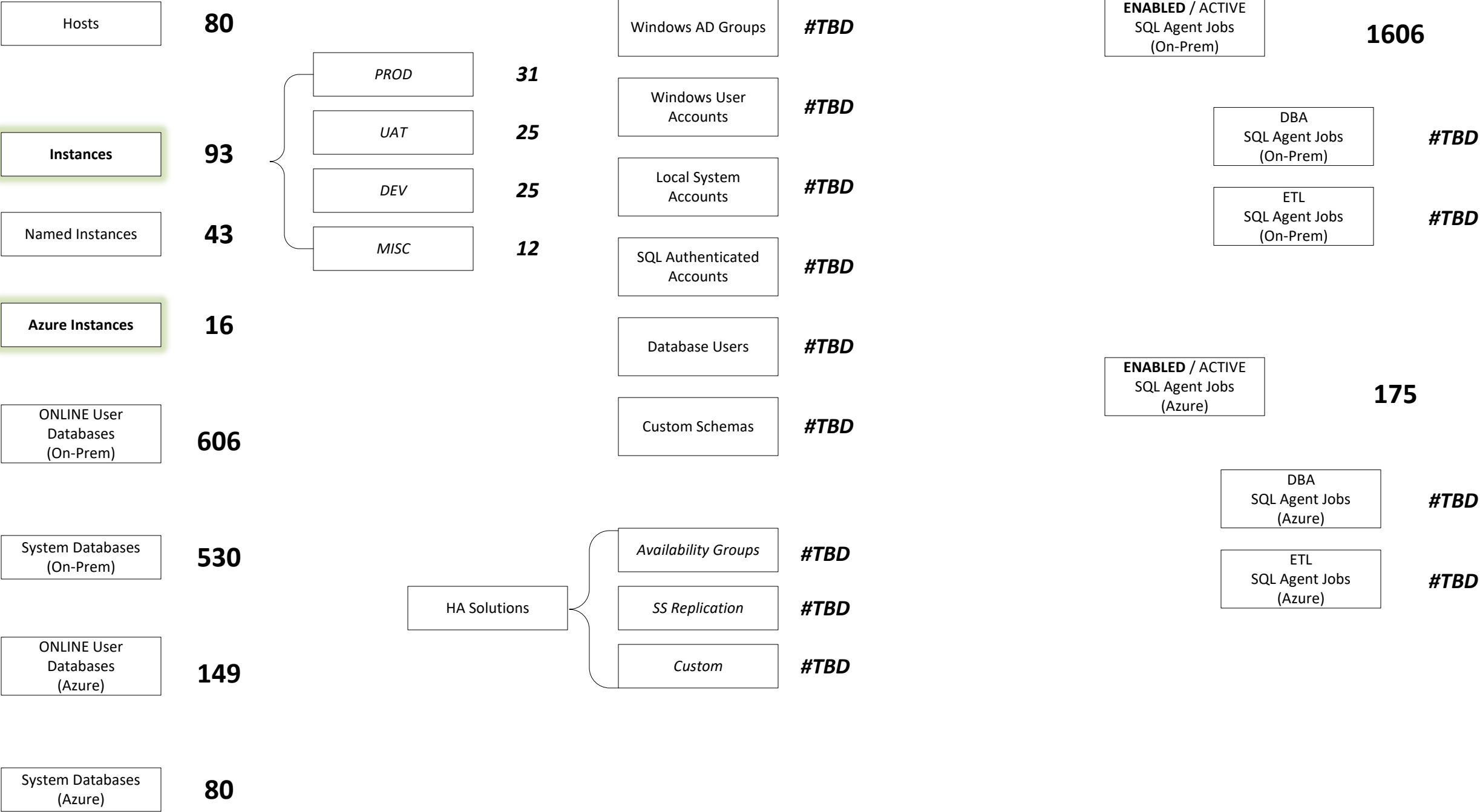
Completed Early

Assignee

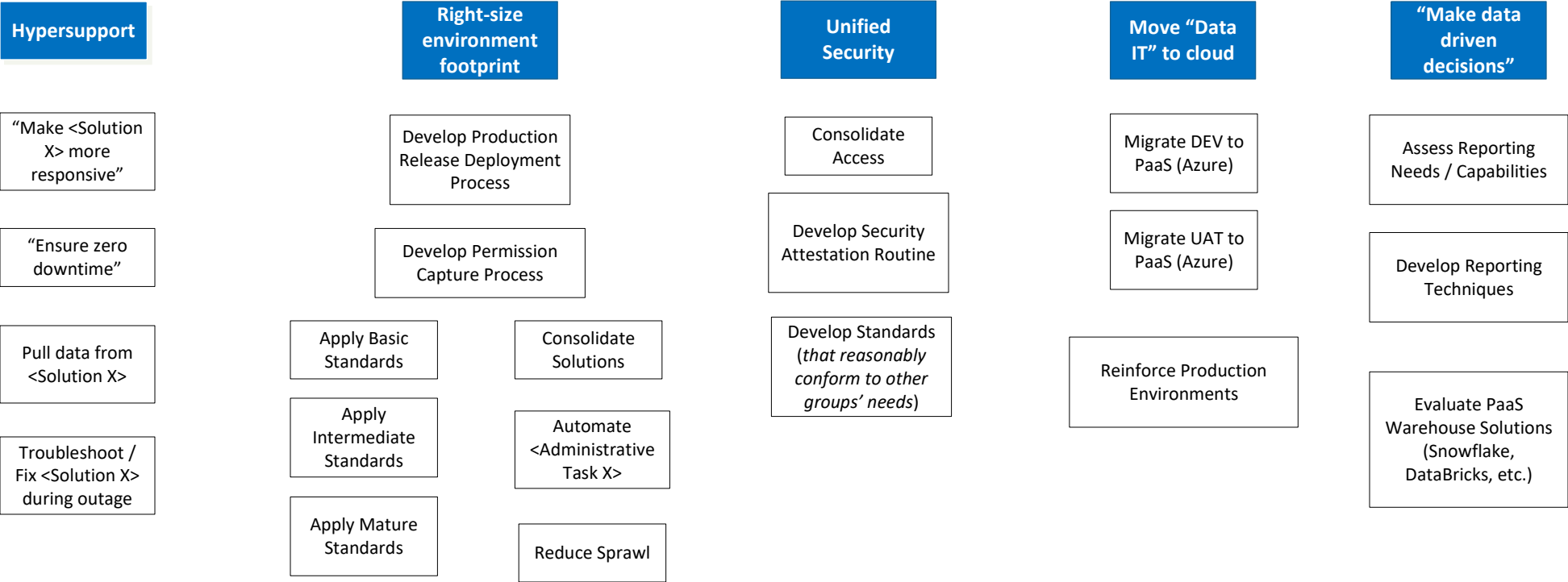
Assignee



Some environmental insight by-the-numbers



PROACTIVE / SELF-DRIVEN Database Projects / Tasks



REACTIVE / RECEIVED Database Projects / Tasks – dictated by Solution Owners.

