

NETWORK & DATABASE ADMINISTRATION

Avalon keeps the databases behind your mission systems patched, hardened, monitored, and provably recoverable, at small-business cost and speed.

THE PROBLEM WE ADDRESS

Unowned databases drift — unapplied patches, full transaction logs, index bloat, expired certificates — until an outage hits during a mission-critical window.

Backups that run nightly but have never been restored are a hypothesis, not a continuity plan — agencies routinely discover mid-incident that the backup chain broke months earlier.

WHAT WE DO

- Documented inventory and configuration baseline at transition-in
- Scheduled vendor security patches coordinated with change control
- STIG/Benchmark hardening with least-privilege account structures
- Encryption at rest and in transit on all listeners and endpoints
- Backup design and retention aligned to agency CP requirements
- Scheduled, documented restore tests with measured RTO/RPO
- High-availability constructs: Data Guard, Always On, replication
- Privileged and service account lifecycle management

HOW WE DO IT

1 TRANSITION-IN

Access provisioning, inventory, a configuration baseline, and a findings memo protecting both parties from inherited-problem disputes.

DELIVERABLE

Baseline + findings memo

2 STABILIZATION

Patch currency brought to standard, backup chains validated and repaired, and the first restore test run.

DELIVERABLE

First successful restore test

3 STEADY STATE

Monthly patch and reporting cadence, quarterly restore and failover tests, and semiannual runbook review.

DELIVERABLE

Monthly service reports

4 TRANSITION-OUT

Knowledge transfer, credential handoff, and a final baseline delivery, contractually committed from day one.

HANDOVER

Final baseline + credential handoff

VALUE DELIVERED

- › **Recoverability, proven not assumed.** Scheduled, documented restore tests measure actual RTO/RPO, not a hoped-for number.
- › **Assessor-consumable evidence.** STIG/Benchmark hardening and least-privilege structures produce evidence, not just configuration.
- › **No single point of failure.** Cross-trained two-person coverage on every engagement, with runbooks as a contract deliverable.
- › **Right-sized economics.** A fractional retainer sized to what a small component actually needs — a large integrator's minimum doesn't fit.

THE ONE THING TO REMEMBER

The senior practitioner is on the estate, not the junior bench.

COMMONLY PROCURED AS

Database administration (DBA) support services

AT A GLANCE

Model	Fixed-price stabilization sprint, then recurring retainer
Typical	30–60 day stabilization sprint, then recurring support
NAICS	541512, 541511, 541519, 541611, 541690
UEI	Y9MXMMHY3HA1
CAGE	242T0
Standards	NIST SP 800-53 Rev 5, DISA database STIGs/SRG, NIST SP 800-34, RMF continuous monitoring

WHO WE WORK WITH

- IT ops manager facing a "our DBA leaves in 60 days" gap
- ISSM with database findings (weak logging, stale privileged accounts) on the POA&M
- Program manager needing proven, tested backup/recovery for mission databases

COMMITMENT TO QUALITY

Avalon is led directly by a PMP-certified founder with a decade of enterprise engineering experience where every engagement gets senior-level attention, never a subcontracted bench. Delivery follows NIST SP 800-53, RMF, and FISMA, evidence-backed and control-mapped by design. ISO 9001/27001 is on the roadmap as the pipeline scales.

Status: Small business federal contractor based in Los Angeles, CA

NIST SP 800-53 REV 5

DISA DATABASE STIGS/SRG

NIST SP 800-34

RMF CONTINUOUS MONITORING