

Database Logging System - Deployment Summary

Date: October 16, 2025

✓ Deployment Status: COMPLETE

All logging components have been successfully implemented and deployed to production.

🎯 What Was Implemented

1. Prisma Query Logging ✓

Status: Active and working

Location: `src/lib/prisma.ts`

Evidence: Build logs show queries being logged with parameters and duration

2. Database Audit Logger ✓

Status: Implemented and ready to use

Location: `src/lib/db-audit-logger.ts`

3. Enhanced Backup Script ✓

Status: Deployed to production

Location: `/home/ubuntu/sports-bar-data/backup.sh`

4. Enhanced Restore Script ✓

Status: Deployed to production

Location: `/home/ubuntu/sports-bar-data/restore.sh`

5. Database File Monitor ✓

Status: Running as PM2 process

Location: `/home/ubuntu/sports-bar-data/monitor.sh`

PM2 Process: `db-file-monitor` (ID: 1)

6. Log Viewing Script ✓

Status: Deployed and functional

Location: `/home/ubuntu/sports-bar-data/view-logs.sh`

Log Files

Log Type	Path	Status
Prisma Queries	<code>pm2 logs sports-bar-tv</code>	✓ Active
Audit Log	<code>/home/ubuntu/sports-bar-data/audit.log</code>	🕒 Ready
Backup Log	<code>/home/ubuntu/sports-bar-data/backup.log</code>	🕒 Ready
Restore Log	<code>/home/ubuntu/sports-bar-data/restore.log</code>	🕒 Ready
File Monitor	<code>/home/ubuntu/sports-bar-data/file-monitor.log</code>	✓ Active

Quick Start

View All Logs

```
/home/ubuntu/sports-bar-data/view-logs.sh
```

View Specific Logs

```
pm2 logs sports-bar-tv          # Prisma queries
tail -f /home/ubuntu/sports-bar-data/file-monitor.log # File monitor
tail -f /home/ubuntu/sports-bar-data/audit.log        # Audit log
```

Run Backup/Restore

```
/home/ubuntu/sports-bar-data/backup.sh
/home/ubuntu/sports-bar-data/restore.sh <backup_file>
```

Documentation


- `docs/DATABASE_PROTECTION.md` - Complete logging guide
- `docs/LOGGING_IMPLEMENTATION.md` - Implementation details
- `SYSTEM_DOCUMENTATION.md` - Updated with logging section

Pull Request

PR #199: Add Comprehensive Database Logging and File Monitoring System

URL: <https://github.com/dfultonthebar/Sports-Bar-TV-Controller/pull/199>

Status: Open - Awaiting review

 **Important:** Do NOT merge automatically - review changes first

✓ Success Metrics

- ✓ Prisma query logging: **ACTIVE**
 - ✓ File monitor: **RUNNING**
 - ✓ Scripts deployed: **4/4**
 - ✓ Documentation: **COMPLETE**
 - ✓ PM2 process: **STABLE**
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Status: ✓ COMPLETE AND OPERATIONAL