VOLTDB
PROFESSIONAL SERVICES

THANK YOU FOR BEING A VOLTDB CUSTOMER!

Let us help you make the most out of your investment by enabling you with our professional services team.

These services are designed to provide the core and advanced skills customers and partners may need, as well as expert consulting when they most need help. The program is composed of two offerings.

CONSULTING SERVICES:

- Custom consulting
- Customized services including:
  - Application architecture review
  - Code review
  - Operational readiness review
  - Performance tuning analysis and guidance

TRAINING & CERTIFICATION:

- Instructor-led
- Role-based modules:
  - Developer Certification
  - Administrator Certification

Contact Michael Holcroft (mholcroft@voltdb.com) to schedule training or consulting to accelerate your VoltDB project.

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Consulting Services

This offering provides customized consulting services to partners and customers who need expert help with their particular VoltDB project. We offer the following services:

Remote Consulting

- **Architecture review** - Review of VoltDB applications and systems architecture.
  - Review the flow of data and transactions through VoltDB from an architecture perspective.
  - Review integration with other systems like messaging queues, datastores, ML pipelines, Hadoop, etc.
  - Review cloud/on-premise architectures for optimal utilization of resources.

- **Design review** - Review of existing application design.
  - Review the database schema and payloads for scalability and performance.
  - Review the specific use of TTL, Views, Tasks, and Streams for optimal design.
  - Review distribution of logic between client and server for best performance.
  - Review security mechanisms with Kerberos, user roles, TLS, disk encryption, etc.
  - Review Cross datacenter replication and disaster recovery strategies.

- **Code review** - Review of existing client and procedure code.
  - Review Java procedure code for potential issues and optimizations.
  - Review connections and procedure call methods for best performance.

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- ▫ Recommend changes for easier maintenance and smooth updates.

- ▫ Review and recommend logging, unit and integration testing strategies.

- **Performance Tuning** - Analysis and diagnosis of performance issues.

  - ▫ Review SQL execution plans and code for Root Cause Analysis.

  - ▫ Make relevant recommendations on best use of indexes, views, UDFs, partitioning schemes, and other VoltDB features.

- **Operational Readiness** - Review current DevOps practices around VoltDB

  - ▫ Guide Public Cloud/Docker/Kubernetes/On-premise deployments

  - ▫ Recommend strategies and solutions for specific monitoring needs

  - ▫ Review durability, recovery and restore strategies for uptime and MTTR requirements

  - ▫ Guide SRE and help building runbooks to ensure reliability of service over code deployments, Hardware, OS, Software upgrades, etc.

Certified Administrator or Certified Developer

This course covers the same topics and includes an assessment of hands-on work to receive the certification.

Certified Administrator

This course covers VoltDB Architecture, Installation and Deployment, Maintenance Operations, Security Configuration, Replication, Monitoring, and Troubleshooting. It includes an assessment of hands-on work to receive the certification.

Certified Developer

This course covers VoltB Architecture, Schema design, Partitioning, Procedure development, Integration features, Benchmarking, Performance, and Query Optimization. It includes an assessment of hands-on work to receive the certification.

Instructor-led Remote Training with Certification

- 3 sessions (instruction + lab)
- Lab results are assessed for certification

About VoltDB

VOLTDB

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