

P4 Battle School

Interactive Problem Solving and Debugging for P4 Administrators

When disaster strikes your P4 environment, your team's ability to diagnose and recover quickly is what separates a minor incident from a major outage. P4 Battle School builds the critical thinking, troubleshooting instincts, and hands-on recovery skills your administrators need—before the pressure is real.

P4 Battle School is a two-part immersive course:

- **Part 1: Deployment Architecture Planning** - Build the knowledge foundation for resilient enterprise P4 environments
- **Part 2: Battle School Labs** - Apply that knowledge under pressure in simulated disaster scenarios

Beyond Traditional Training

P4 Battle School is not a lecture—it's a managed, interactive experience designed to build real-world instincts. In the lab environment, instructors simulate failures and present them the way users would actually report them: through complaints and symptoms, not root causes. Participants diagnose, troubleshoot, and repair—then the group discusses approaches, tips, and lessons learned together. The instructor facilitates knowledge sharing among the group, drawing on the collective experience of seasoned veterans and newer administrators alike.

Note: This course requires previous P4 class completion or prior experience administering P4, as well as familiarity with Linux OS.

Key Benefits

- **Real-World Readiness:** Practice diagnosing and recovering from failures in a safe lab environment before facing them in production
- **Critical Thinking Under Pressure:** Develop the troubleshooting instincts needed when users are reporting problems and the clock is ticking
- **Peer Learning:** Benefit from group discussion and knowledge sharing across experience levels—from seasoned gurus to newly assigned administrators
- **Comprehensive Coverage:** Reinforce the fundamentals of backup and recovery through hands-on application across a variety of failure types

Part 1: Deployment Architecture Planning

Build the knowledge foundation for designing resilient, enterprise-grade P4 environments. Topics include:

Topic	Description
High Availability	How to limit downtime and data loss in common failure scenarios
Disaster Recovery	How to provide for business continuity in the event of a site-wide disaster
Failover Options	Local failover (same machine), high-availability failover, and disaster recovery failover—terminology and common approaches
Globally Distributed Development	How to take advantage of proxies and replicas to support multiple development sites and remote users
Capacity Planning	How to support large numbers of demanding users
Digital Asset Management	Version control for more than source code—comprehensive management of all digital assets

Part 2: Battle School Labs

The Battle School Labs test how quickly administrators can apply their knowledge when disaster strikes. In a virtual lab environment, critical fails occur in P4 servers—and participants must figure out what went wrong and fix it.

How it works: Each scenario begins with simulated user complaints describing symptoms, not root causes. Participants work to diagnose the problems they are facing and repair the damage. After each lab, the group discusses different approaches, how to identify issues and solutions, and admin tips and tricks related to the situation.

Areas of focus include:

- Database repair, backup, and recovery operations
- HA/DR strategies and failover procedures
- Infrastructure failures and response
- Situational awareness and diagnostic techniques
- Archive file corruption and repair
- Brokers and maintenance window procedures

The Battle School Experience: We intentionally keep specific lab scenarios under wraps—the element of not knowing what to expect is part of what makes Battle School effective. Just like a real production incident, you won’t get advance notice of what’s about to go wrong.

Course Details

Format	Live online, instructor-led with virtual lab environment
Audience	P4 system administrators, infrastructure engineers, DevOps teams
Prerequisites	Previous P4 class completion or prior P4 administration experience; familiarity with Linux OS

Next Steps

Contact your Perforce account representative to enroll your team or discuss scheduling. Battle School is ideal for teams preparing for production responsibilities or looking to sharpen their incident response capabilities.

[Contact Us](#) ▶

Your P4 Journey

P4 Battle School is part of a complete services portfolio designed to support your P4 journey from first deployment through operational excellence.

Assessment & Planning	Implementation	Enablement	Ongoing Partnership
P4 Health Check	P4 Launch	P4 Training	P4 Black Belt
P4 Up-To-Date	P4 Import	P4 Battle School	P4 Remote Administration
	P4 Monitor		



P4 Maturity Model - Unifying framework across all services

- 0 Non-existent
- 1 Initial
- 2 Repeatable
- 3 Defined
- 4 Optimized