

CVST PROFICIENCY EXAM STUDY GUIDE

Congratulations on your eligibility for the Certified Vehicle System Forensic Technician (CVST) Proficiency Exam

The following is guidance in the areas of study recommended to prepare for the **CVST Proficiency Exam**. The resources available to you to prepare include the iVe Software and User Guide as well as, the workbook provided to you at the iVe Vehicle System Forensics Training Course. If you need any assistance, please reach out to training@berla.co.

CONCEPTS

Automotive Network Acquisitions

- Data Link Connector (DLC)
 - Accessing vehicle networks
- Controller Area Network (CAN)
 - Network communication and arbitration
 - Purpose of CAN message components when requesting data
 - Arbitration, service, parameter and data identifiers
 - Data encodings - ASCII, Hex, Decimal, Binary
- Internet connectivity considerations when running ANAs
- Troubleshooting, and considerations

Direct Connection Acquisitions

- Vehicle power considerations
 - Battery disconnect, if required
 - Proper vehicle shut-down method
- Systems removals
 - Working with trim
 - ECU connectors
- Module teardown
- Acquisition Hardware
- Acquisition configuration
 - Logical and Physical
 - Hashing methods
- Troubleshooting, and considerations

Media Acquisitions

- Types
 - USB drive, USB Cable, and SD card acquisitions
 - Volume names and file system requirements
 - Internal hard drive or SD card removal
 - System module teardown
- Acquisition procedures
 - Vehicle power considerations
 - Resources to access service menu screens
 - Information required for specific hard drive acquisitions
 - Hashing methods
- Acquisition types, troubleshooting and considerations

NEXT STEPS

When you are ready to take the **CVST Proficiency Exam**, email training@berla.co for your login credentials. Once credentials are sent, you will have 30 days to complete the exam. Upon successful completion, your updated certification will be emailed directly to you.