



TRAINING

PROVIDER REGISTRY

How to Generate Credentials to Access the TPR Web Service

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Presenters

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Agenda

- 1 RECAP: PROCESS TO CONNECT DIRECTLY TO THE TPR WEB SERVICE**
- 2 GENERATING CREDENTIALS: PROCESS & DEMONSTRATION**
- 3 Q&A AND RESOURCES**

Roll Call

- Let us know who is on the line
 - Use the chat pod to tell us your name and your role



**RECAP:
Connecting
Directly to the TPR**

Process for Interfacing with the Registry



Authentication



Search



Retrieval



Authentication

- FMCSA will issue a client certificate and private key for a State to use during authentication
- When connecting to the service, the client will generate and sign a time-limited JSON Web Token (JWT)
- The client will include the JWT in an Authorization header when sending the request
- Authentication errors will be communicated back to the caller with 401 and 403 response messages



Search

- Callers may submit a search using combinations of:
 - License Number
 - License Issuing State
 - First Name
 - Last Name
 - Date of Birth

- In response to a search query, the caller will receive:
 - Status code indicating success or various failure conditions
 - In the case of success:
 - Up to 100 drivers matching the search sorted by date of record entry in the TPR with the newest records being returned first
 - Driver records including a unique ID and descriptive information
 - In the case of failure, a more detailed message may be returned



Retrieval

- The client will retrieve detailed driver records from the service using the unique ID returned from the driver search
- Driver record will contain:
 - Descriptive information (name, license, etc.)
 - All training data recorded in the TPR for the driver
- Training data for a driver in the TPR may contain multiple series of trainings taken by the driver over time
- System calling the service is responsible for identifying the relevant training record

Testing

- Test credentials have been provided on the Developer's Toolkit page of the TPR website
 - States will not need to register with the TPR to perform system integration testing, though registration will be required to receive non-test credentials.
- Test credentials can be used to submit test requests to the real service endpoints and receive simulated responses



How to Obtain TPR Direct Connect Access Credentials

1. Request a user account
2. Generate service access credentials

Request User Account with FMCSA

1. Visit: <https://tpr.fmcsa.dot.gov/Register/SDLA>.
2. Enter your contact information.
3. Enter your SDLA's information.
4. Accept the Terms and Conditions.

FMCSA will review/approve all account requests.

Note:

- Only 1 user from each State agency should request an SDLA Account.
- If another user needs access, select "Invite Users" to generate email invitation.
- The user should look for an email from tpr@dot.gov and click on the link in the email to create their account.

Generate Service Access Credentials

1. After FMCSA approves your account, log in to your SDLA Developer Portal.
2. Click the **Generate Credentials** button.
3. Enter a friendly name for the file and click **Create**.
4. Copy and paste credentials or download them in a PFX file. If downloading, enter a password users will use to open the file and click **Download**.
5. When finished, click **Close Credentials**.



**Protect your
private key!**

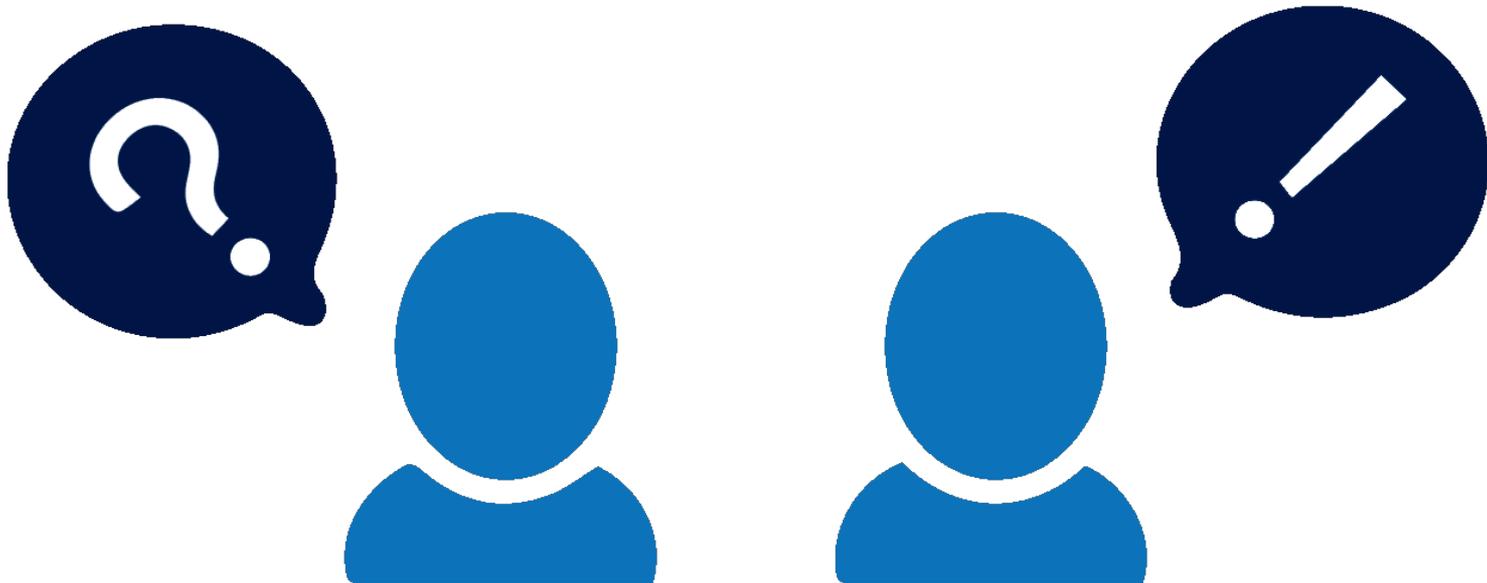
**FMCSA will not
maintain a copy. If
you lose it, you
must generate new
credentials.**

Access credentials consist of three parts:

- ✓ A unique identifier.
- ✓ A certificate FMCSA uses to verify messages submitted by your service are coming from you.
- ✓ A private key that pairs with certificate.

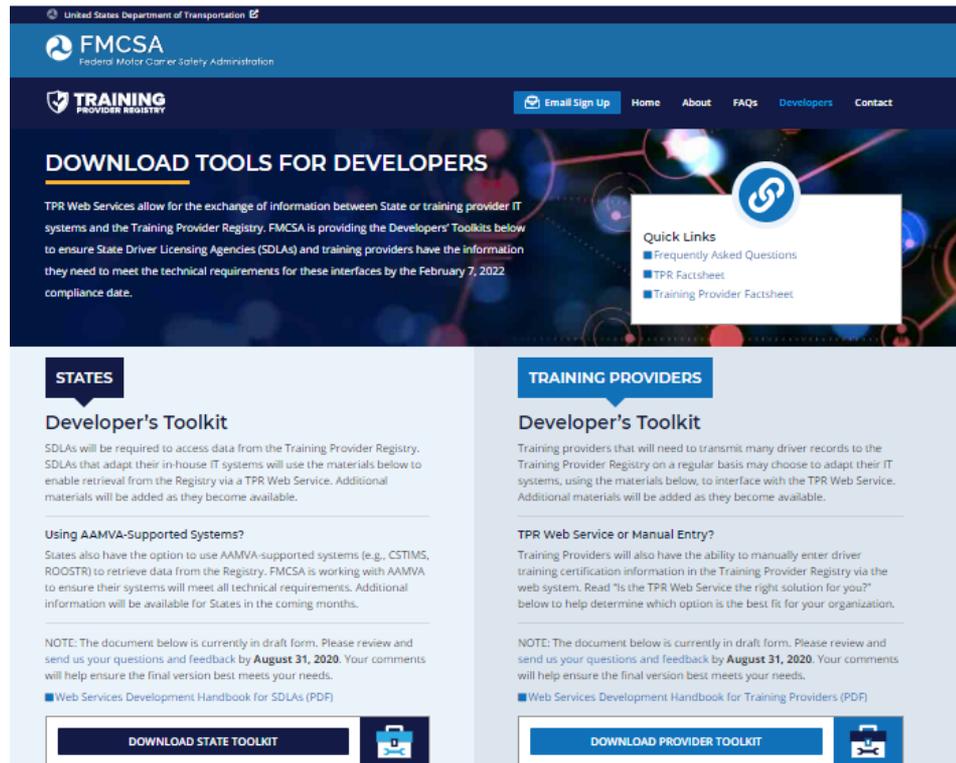
Demonstration: Obtaining Credentials

Q&A



Resources & Support Available to States

- Training Provider Registry Developer's Toolkit (<https://tpr.fmcsa.dot.gov/DeveloperToolkit>)
- TPR Credentials (for testing and live system)
- Testing support
- Access to Registry developers for questions and troubleshooting



The screenshot shows the FMCSA Training Provider Registry website. The header includes the FMCSA logo and navigation links: Email Sign Up, Home, About, FAQs, Developers, and Contact. The main heading is "DOWNLOAD TOOLS FOR DEVELOPERS". Below this, there is a "Quick Links" box with links to Frequently Asked Questions, TPR Factsheet, and Training Provider Factsheet. The page is divided into two columns: "STATES" and "TRAINING PROVIDERS". Each column has a "Developer's Toolkit" section with descriptive text and a "DOWNLOAD" button. The "STATES" section includes a note about draft documents and a link to the "Web Services Development Handbook for SDLAs (PDF)". The "TRAINING PROVIDERS" section includes a note about draft documents and a link to the "Web Services Development Handbook for Training Providers (PDF)".

Where can I get additional details about the rule?



To learn more about ELDT and the Training Provider Registry, visit:

<https://tpr.fmcsa.dot.gov>



You may also contact:

Josh Jones | Joshua.jones@dot.gov

TPR Team

<https://tpr.fmcsa.dot.gov/#contact>