



On-Demand Training: Tabcmd Transcript

Welcome to this video on the tabcmd command line tool. Tabcmd is automatically installed with Server but can be run on other machines as well.

Tabcmd provides automation of common tasks that can be done through the user interface in Tableau Server or Tableau Online, such as publishing workbooks or administering users and groups.

Installing Tabcmd

The tabcmd utility can be installed on any machine.

- To install tabcmd on a machine other than the Server, see the Online Help Article.
- It is important that any standalone tabcmd installs should be kept up to date with the same version as Tableau Server or Tableau Online and may therefore need to be upgraded periodically

Running Tabcmd

Once tabcmd is installed, open the command prompt as an administrator and

- navigate to the folder where Tabcmd is installed
- A sample command is shown here
 - **`cd C:\Program Files\Tableau\Tableau Server\{version}\bin`**
- For Tableau Server, start a session
 - **`tabcmd login -s http://tabserver.myco.com -u admin -p ServerAdmin`**
- For Tableau Online, establish an authenticated session
 - **`tabcmd login -s https://online.tableau.com -t mysite -u authority@myco.com -p p@ssw0rd`**
- For this video , I'll use my local server install and log in.
 - **`cd C:\Program Files\Tableau\Tableau Server\9.0\bin`**
 - **`tabcmd login -s http://localhost -u admin -p Admin`**

Tabcmd Commands

Once the session is started, tabcmd commands can be used. For a full list of commands, see the Online Help Article

Here, we will create some users, create a group, and add the new users to that group

User Import via CSV File

To create users with Tabcmd, we need to import a csv file.

- The file should not have headers, and the columns should consist of Username, Password, Full Name, License Level, Administrator, Publisher, and Email Address
 - The file doesn't need all these columns, but this shows what information could be contained if desired, and the columns must be in this arrangement
- On Tableau Server, if ActiveDirectory is being used for authentication, the password column will be ignored

- On Tableau Online, the username should be an email address. The password and full name columns will be ignored, but the columns need to exist as placeholders if later columns are included

To upload the file, save it in a good location. Then, in an active session of `tabcmd`, to import the users

- The command is: **`tabcmd createusers`** and then the location of the file
 - **`tabcmd createusers "c:\Program Files\Tableau\files\username.csv"`**
- For Tableau Online the command would be `createsiteusers`
- Now on the Server, we see those 4 new users.

Creating a Group and Adding Users

Let's create a group. To create a group,

- The command is: `tabcmd creategroup` followed by the name of the group
- **`tabcmd creategroup "New Users"`**

To add the new users to the group,

- The command is: **`tabcmd addusers`** followed by the name of the group **`--users`** then the location of the csv file containing the usernames
- **`tabcmd addusers "New Users" --users "c:\Program Files\Tableau\files\users.csv"`**
- This csv file is simply a username per row, and the users must already exist in the system

Now, on the server, we see that New Users group, and it contains the 4 new users we added.

To tidy up, we'll log out

- The command is: **`tabcmd logout`**

Exporting a PDF from Tableau Online

It's easy to export a pdf version of a dashboard or view. The process is very similar for Tableau Server, but this example is with Tableau Online. Note the URL of the view

In the command prompt, navigate to where `tabcmd` lives, and login with an authenticated session.

- **`tabcmd login -s https://preview-online.tableau.com -t tableaumarketing -u lmcEdward@gmail.com -p P@ssw0rd`**
 - the `-s` specifies the server or online URL
 - `-t` specifies the site, if necessary
 - `-u` for the username
 - And `-p` for the password

To create the pdf,

- The command is: ***tabcmd export***, followed by the name of the workbook and view, this is from the URL, -- what format we want to export it as, here pdf, -f and we specify where we want to save the output
- ***tabcmd export "Superstore/Shipping#2" --pdf -f "C:\Program Files\Tableau\files\export"***

When we navigate to that folder, note we have the pdf.

Conclusion

Thank you for watching this training video on using tabcmd. We invite you to continue with the On-Demand Training videos to learn more about using Tableau.