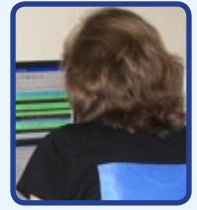


CACE Pilot: Views and Capture Filters

Joke Snelders reporting from the field



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About The Author

My name is Joke (pronounced \yo-kə or Joan for those who do not speak Dutch). During the day, I work as a secretary for a non-profit organization providing assisted living for mentally handicapped people in the south of The Netherlands. In my spare time I like to use Wireshark. I find it interesting and necessary to monitor my home network to see what is going on. As a user I like to answer questions at the Wireshark Mailing List.

What is in it for me? Well, I learn a great deal whenever I try to solve real-world problems. I am also a member of the NGN (the Dutch Network User's Group). I write articles about how to use Wireshark and the command line tools. And if there is still some spare time left, I like to go biking in the woods near my hometown with my husband and fellow geek.

About CACE Pilot

CACE Pilot® is a visually rich and powerful analyzer for wired and wireless networks that revolutionizes the use of Wireshark by providing capabilities not found in the world's most popular packet and network analysis tool. Fully integrated with Wireshark, CACE Pilot capitalizes on user's existing expertise while dramatically increasing efficiency in identifying and diagnosing network problems.



Introduction

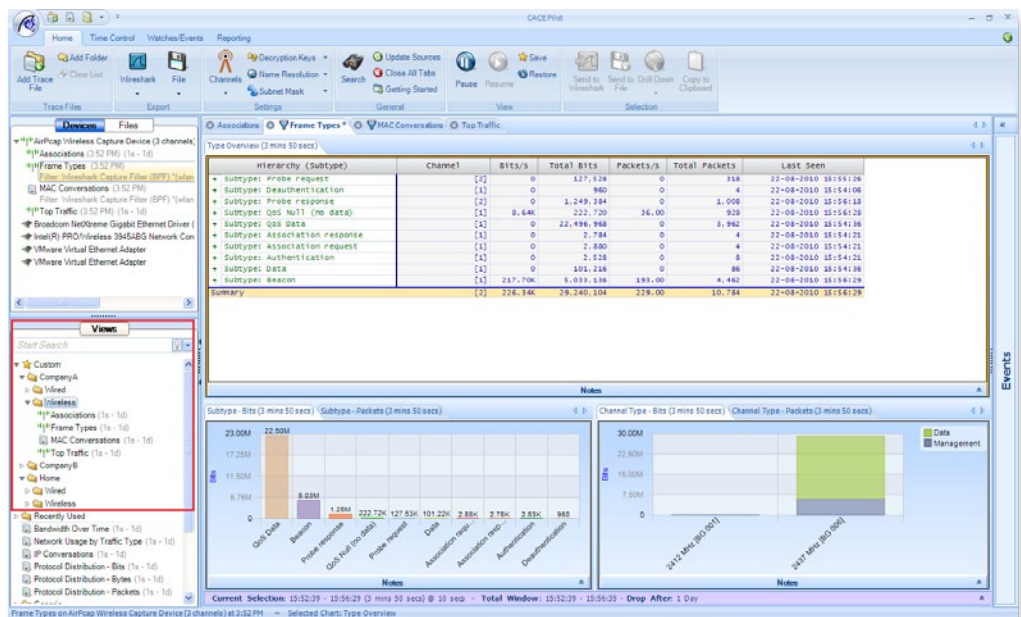
CACE Pilot, a network visualization and analysis tool from CACE Technologies, is fully integrated with Wireshark. Here you can read more about the latest release: version 2.3. In this article I will show how to organize Views and how to add capture filters to Views.

Views

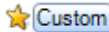
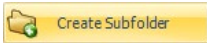
CACE Pilot is shipped with approximately 200 Views. The Views consist of a collection of interactive display components like bar charts, strip charts, conversation rings, grids and so on. After loading a capture file you can apply one or more Views. You can also use traffic from a live source: a wired ethernet adapter or a wireless adapter.

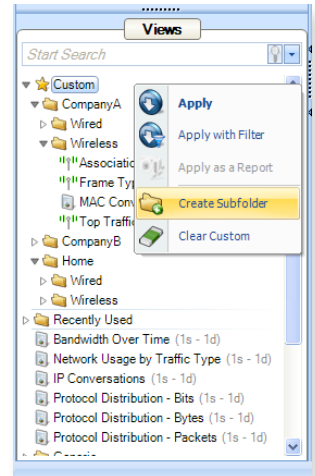
You can copy the Views, which you always want to use, to a custom folder. When you want to analyze a capture file, you just have to drag and drop the custom folder on the capture file and all the Views in the folder are applied at once.

It is even more handy to create several custom folders for different companies, locations, networks and so on. Copy the Views, you need to those folders. Next you can also set capture or display filters to those Views. These filters are saved in the Views. And again; you can apply them all at once by dragging and dropping the whole folder on a capture device or a capture file. It is also a good idea to create folders to monitor your wired and wireless home network. Want to see how this works? Continue reading to see how to manage the folders and how to add capture filters.



Create Custom Folders

1. Right-click on: Custom 
2. Select: Create Subfolder 
3. Scroll down and look for the Views you want to copy to the folders you have just created.
4. Select the View.
5. Use the CTRL-key to select multiple Views.
6. Right-click and select the appropriate folder.

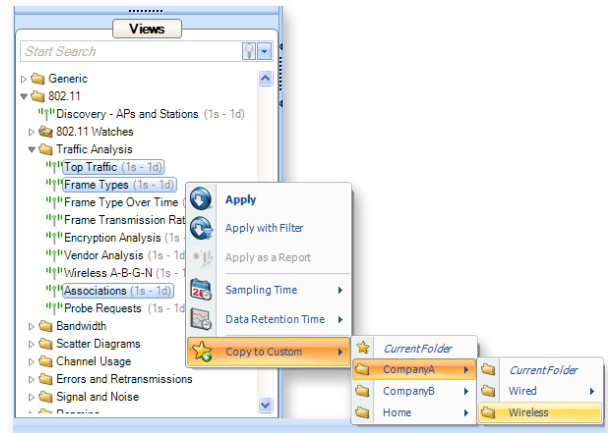


Add a capture filter to a View

1. Right-click the View, you want to apply the filter to.
2. Select: User Filter
3. Select: Set

Choose one of the filters or create your own filter by hitting Add.

1. Choose a name
2. Select Wireshark Capture Filter (BPF)
3. Add filter string



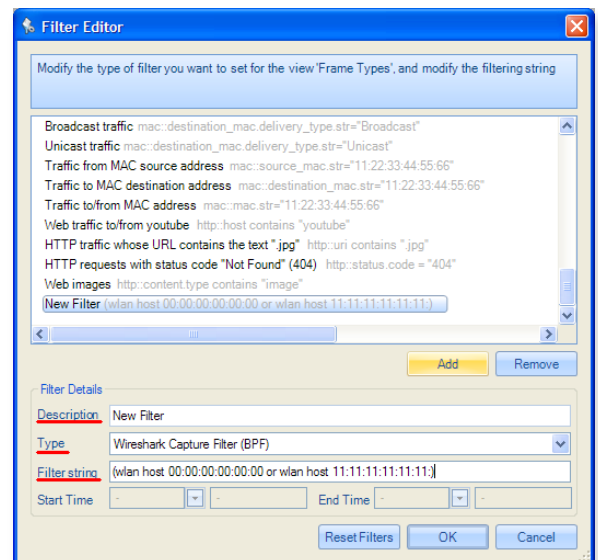
You can find more information about capture filter in the Wireshark User's Guide, the Wireshark Wiki or my previous articles about capture filter samples.

When you are done, drag and drop the folder to the capture device or the capture file.

Note

The filters symbols show which Views contain filters. You can also see the filter syntax on the left side.

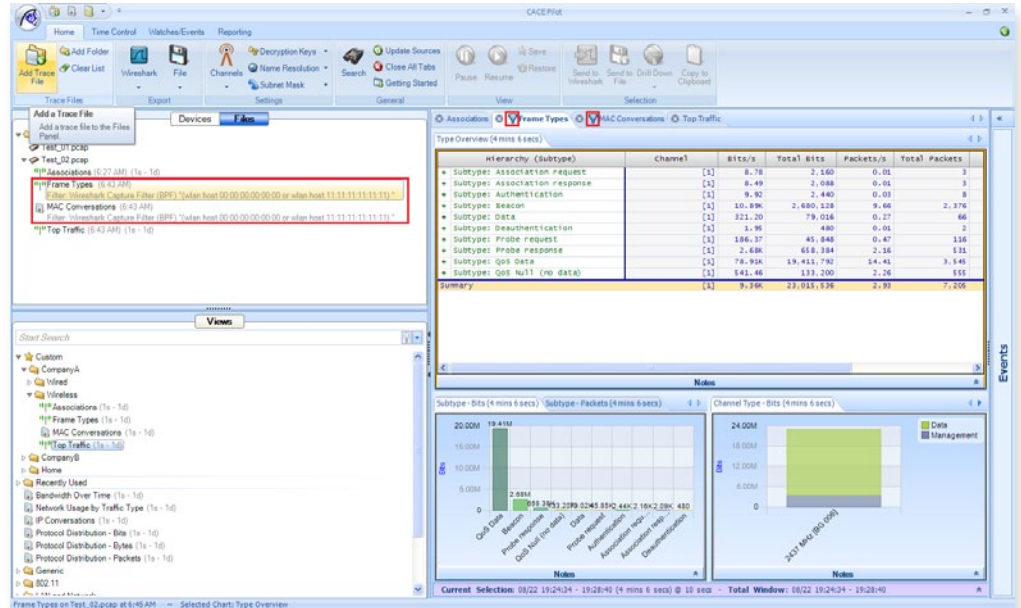
Get a full-featured 10-day free trial of CACE Pilot.





About CACE Technologies, Inc.

CACE Technologies Inc. is the sponsor and innovative force behind Wireshark and WinPcap, the world's most widely used Open Source network traffic capture and analysis tools. The company develops cutting-edge network analysis and troubleshooting products that complement Wireshark's prodigious packet inspection capabilities. The CACE Shark Distributed Monitoring System provides enterprise-class, end-to-end network monitoring and analytics capabilities and extends the Wireshark experience into distributed network environments. Known for its user-friendly modular products, the company offers the most cost-effective analysis solutions for modern enterprise networks.



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