

How to join a distributed key searching job in the CrypCloud

First, click on the CrypCloud icon (“Connect”) in the CT2 ribbon bar:



After that, enter your login credentials:

A screenshot of the CrypCloud login interface. At the top, it says 'CrypCloud' and 'A P2P based volunteer cloud solution'. Below this is a large white cloud icon on a blue background. The login form includes a 'Name:' label followed by a text input field containing 'your username'. Below that is a 'Password:' label followed by a password input field filled with dots. There is a checked checkbox labeled 'Remember_Me'. Below the checkbox are two links: 'Forgot Password' and 'Create a new account'. At the bottom of the form is a large white button labeled 'Connect'.

You can select “Remember Me” if you use your own computer. Your credentials will be stored encrypted with the current windows password in a special password file in the application data of CrypTool 2. If CrypTool 2 should remember you, the login data is auto filled into the fields. If it is your first login, your user certificate will be automatically downloaded into the application data folder of CrypTool 2. Your certificate is encrypted with your password.

Click the “Connect” button to connect to the CrypCloud.

After the login, you will see a list of distributed CrypTool 2 workspaces:

Date	Job ID	Name	Creator	Progress	
1/26/2016 1:22 PM	963E36CFAD99E1C202615FB024C415B4	testjob@konze	aadaad7	125 / 125	Open
1/26/2016 5:03 PM	140417552B6A936AE49600E40120B4AE	DES 56bit Distributed Known-Plain	kopal	199 / 536.870.912	Open Delete

On the right side of each job, you can download the corresponding workspace. After downloading a workspace, you can click “Open”.

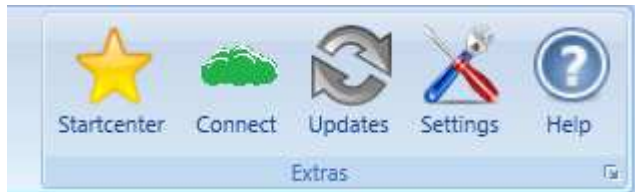
After opening the workspace, you should, for example, see a DES key searching workspace like this:



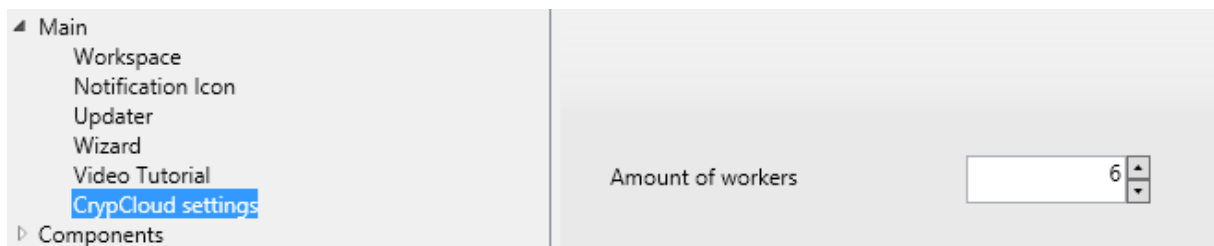
Just click play and you automatically join the distributed computing job. The key searcher shows some interesting statistics during the execution:

Value	Text	Key
-4	Crypivm	95-11-97-73-01-01-C7-0F
-4	CrypGd	DD-A7-8F-87-01-01-ED-41
-4	Crypa	3D-93-2D-35-01-01-DF-83
-4	Cryp8	FF-AD-A9-93-01-01-03-D3
-4	CrypC2	69-59-E9-21-01-01-6F-S7
-4	Cryp8	81-9D-D3-93-01-01-2D-D1
-4	CrypS	8F-FB-9D-A1-01-01-87-D8
-4	CrypA	EE-AE-F1-E7-A1-A1-ED-DE

If you want to change the amount of workers (threads) that CrypTool 2 may use for the distributed computing, go to the settings:

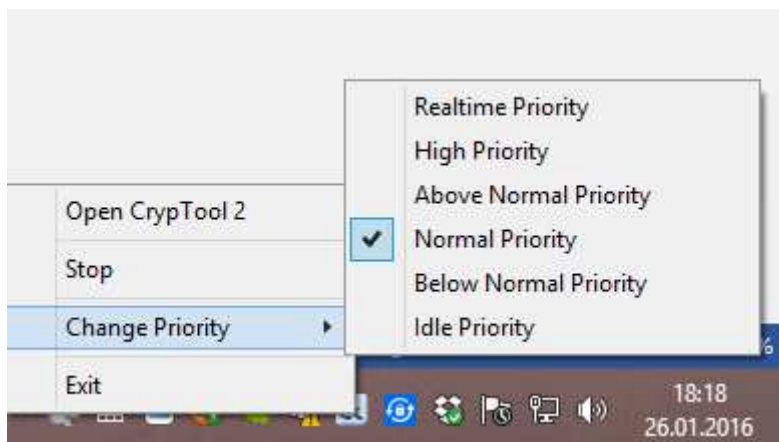


Here, select “Main/CrypCloud settings”:



Here, you can change the “Amount of workers”.

If you want to have CrypTool 2 being executed in the “background” without disturbing your daily work or gaming, you can change the priority of the CrypTool 2 application by right clicking on the CrypTool 2 tray icon on the right side of your taskbar:



Just change the priority to “Idle Priority”.