

Configuration files

an in-depth guide on tBB configuration files

Introduction.

If you wish to configure tBB settings, you have to use the configuration files tBB is instructed to use. These files are always located in the main tBB folder. Please check where this folder is located before continuing reading.

Please, note that you're free to change settings in these files at any time, but if you want your changes to take effect you'll have to restart tBB.

Configuration files types.

There are two different kinds of configuration files: the default configuration file and optional network-specific configuration files. The default configuration file comes along with tBB and configures it to use a general-purpose-suitable configuration. You may want to check if the built-in default configuration suits your needs and preferences before start using it.

The network-specific configuration files are only invoked when tBB had been launched passing a network as an argument. In this case, tBB is instructed to look for a specific configuration file in the main tBB folder. If no such file is found, tBB will fall-back to the default configuration file.

Network-specific configuration files naming conventions.

Specific configuration files naming conventions follow the scans naming conventions. For instance, if you want to create a configuration file for network 192.168.100.0/24 you're going to need to create a file named "config_192.168.100.0\24-256.json". Please note the backslash replacing the forward slash (forward slash is invalid for the Unix file name conventions).

This allows tBB to use the correct configuration file for every network you may want to monitor.

Configuration fields.

The configuration files are in JSON format and therefore nested as of the nature of JSON (see [RFC#7159](#)).

Italic example values are the default values.

These are the fields tBB accepts, divided in the appropriate nested sections:

Top-level:

<i>Field name</i>	<i>Description</i>	<i>Example values</i>
networkIp	The network tBB is called to monitor.	192.168.100.0/24 192.168.100.0/24-10
least_record_update_seconds	Maximum amount of time for which tBB will not re-perform a complete scan on startup (in seconds)	10 → 10 seconds 3600 → 1 hour 86400 → 1 day
frontends_socket	Front-ends communication section. See below.	...
logging	Logging section. See below.	...

tracker	Tracker section. See below.	...
serialization	Serialization section. See below.	...

frontends_socket:

<i>Field name</i>	<i>Description</i>	<i>Example values</i>
host	IP from which open the socket.	192.168.100.101 localhost
port	Port number from which open the socket.	1984 65000
maximum_port_lookup	Maximum number of times tBB will look for another open port if the specified one isn't available.	20 0 100
ssl	Enable/disable SSL communication.	true false
do_checks	Enable/disable host name checking with SSL enabled. If enabled, certificates must be valid.	true false