Located in the the conf/production directory, the file itop-config.php contains all the configuration parameters of iTop.

This file is created during the setup, and updated upon upgrade.

If you have done some modifications to the settings, please backup this file prior to executing an upgrade, because the file will be generated again by the upgrade program. For example, comments will be lost.

The configuration file contains the following sections:

* MySettings: contains iTop settings. Some settings are not visible in the file generated by the installation program. These are settings for troubleshooting or disabling some features (workaround for complex integrations).
* MyModuleSettings: contains module settings.
* MyModules: lists the PHP files to include. It is a way to disable -temporarily- an installed feature. Depending on your need for language support, you might comment out some lines. This can **speedup significantly the execution of every single iTop page**. Please note that those changes will be lost when upgrading iTop.

**Writing to files**

If the installation complains that the conf folder of iTop exists but cannot be written, and if the access rights on the directory look correct, then try to turn-off the SE Linux context:

setenforce 0

This completely turns-off the security context checking. This is defintely not suitable for a production system, but may be helpful to isolate the source of the problem. More information about Security Contexts

**Connecting to iTop from remote**

If you can connect to the web server only from the machine itself, but not from a remote system, then check the firewall (iptables) configuration.

firewall-cmd --list-services

The output of the command should be something like:

dhcp-v6-client http mdns ssh

If http is not then the list, then the access to the web server will be blocked. To unblock it, launch (as root) the following command:

firewall-cmd --add-service=http

# iTop and Suhosin

**Suhosin** is an extra security layer which applies a number of security checks on top of PHP. If your web server is not public on the Internet and if you don't plan to deliver the iTop application to millions of simultaneaous users, you may consider relaxing a bit some of the Suhosin limits in favor of more functionalities.

Suhosin is installed and activated by default on some Linux distributions (for instance Debian & Ubuntu).

### Using a parameters file

For security reasons it is always better to avoid passing credentials (user names and passwords) on the command line (the command lines corresponding to the processes running on the system are generally visible to all users logged-in). iTop offers the alternative to pass all command-line parameters inside a file, called the “parameters file” via the argument param\_file . This argument can be used with most of the REST/CLI web services, it must contain the path to a parameters file.

Make sure that the parameters file is readable by the process that will run the PHP page, and that it cannot be accessed through the web server.

A parameters file contains key/value pairs and always uses the same format. It can be commented: any character found after# on a given line will be ignored