Uploading configuration

As of WCC Lite version v1.4.0 there are three separate ways to import the configuration: import an Excel file via web interface, generate compressed configuration files and later upload them via web interface; or generate compressed configuration files and upload them via utility application.

For WCC Lite versions v1.4.0, name of the file is shown in Protocol Hub->Configuration. Older versions only allow configuration file to be stored to a file called phub.xlsx and later downloaded with a custom-built name reflecting date of a download. Upgrade process from older version to versions v1.4.0 and above when preserving configuration files automatically makes the neccessary changes to enable this new functionality of WCC Lite.

> ⚠ If a user intends to downgrade firmware to versions older than version v1.4.0 from newer versions, he/she must first download the configuration files and later reupload the configuration after finishing the upgrade process.

Importing an Excel file

Excel file can be imported without any external tools. This option can be used where there is no internet connection or only minor change has to be applied. This way of importing is not suitable for validation of Excel configuration file.

> ⚠ **Generating configuration is a resource-intensive task.** It might take up to 10 minutes depending on configuration complexity

> ℹ Supported types of an Excel configuration: .xlsx, .xlsm, .xltm, .xltx

To upload an Excel file, open Protocol Hub->Configuration screen in Web interface, select Configuration file and press Import configuration.

Generating .zip file

To accelerate a task of generating configuration a computer can be used. For this user should download WCC Excel Utility application. Upon opening an application, user should search for a field called Excel file which lets to choose an Excel file for which a conversion should be made. Output file should be filled out automatically, however, this value can be edited.

To make a conversion press Convert. If there are no errors found in the configuration, output file should contain the generated configuration, otherwise, error message is shown to a user.

This .zip file can be uploaded via Web interface, using the same tools as used for import of an Excel file.

Uploading configuration remotely

As of WCC Lite version v1.4.0 generated configuration files can be uploaded by a click of button. There are four parameters (not counting the configuration file itself) that have to be filled in before starting upload:

- *Hostname*: an IP address for device to connect to. This field conforms to hostname rules, therefore, if invalid value is selected, it is reset to default (192.168.1.1);
- *Port*: a PORT number to which a SSH connection can be made; valid values fall into a range between 1 and 65535; if invalid value is selected, it is reset to default (22);
- *Username*: a username which is used to make a SSH connection; make sure this user has enough rights, preferably root;
- *Password*: a password of a user used for establishing a SSH connection;

> ℹ Configuration can only be uploaded if a port used for SSH connection is open for IP address filled in hostname entry field. Please check WCC Lite firewall settings in case of connection failure.

To upload a configuration remotely, press Upload configuration. If no errors occur, you should finally be met with text output mentioning configuration has been applied. During the course of upload process the aforementioned button is disabled to prevent spanning multiple concurrent processes.