

ltectrl

<https://campus.barracuda.com/doc/91984124/>

ltectrl is a command for the command-line interface that solves issues if the LTE modem fails to connect to the Internet provider after a user incorrectly enters a PIN that differs from the PIN on the SIM card. After three failed attempts, the PUK is required to configure a new PIN on the SIM card.

The firewall regularly compares the PIN that has been configured via the user interface on the firewall with the PIN on the SIM card, and writes the result to the log file:

Comparison result	Output to log file
Configured PIN on firewall equals the PIN on the SIM card	<ul style="list-style-type: none"> • Check if PUK is required • Compare PIN of SIM card and config
Configured PIN on firewall differs from the PIN on the SIM card	<ul style="list-style-type: none"> • Check if PUK is required • Compare PIN of SIM card and config • Please change PIN in the modem config

Configuring a New PIN on the SIM Card Using the PUK

Configuring a new PIN on the SIM card requires you to log into the command-line interface via ssh. Executing the following command will result in an updated configuration file for the modem:

Use `/etc/phion/ltectrl -p <puk> -n <new pin>` to set a new value for the PIN on the SIM card. Enter the correct PUK so that the SIM card accepts the new PIN.

Afterwards, you must authenticate the modem against the new PIN on the SIM card by entering the same new PIN in the user interface.

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