

## How to track if sporadic loops or shortcut occur on your network ?

- 2018-02-09 - Classic Switches

Enable the Address Relearn detection and check the log file if "address\_relearn" logs are present.

If it's the case it means that the device has repeatedly learned that same MAC source address at different ports.

This process very probably indicates a loop or a shortcut (between a Rx and a Tx) on the network.

You can enable the Address Relearn detection via the web interface in the "Switching Global" menu or via the CLI in the global config mode (see below)

```
(SW161) >en  
(SW161) #conf  
(SW161) (Config)#bridge address-relearn-detect operation enable  
Bridge Address Relearn Detection set to Enabled
```