

Interface Renaming Scripts

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For anyone that has used CentOS/Red Hat prior to version 7, or indeed other versions of Linux, the norm for network interface naming is to use `eth0`, `eth1`, `eth2` etc.

CentOS 7 changed this naming convention, for two main reasons.

1. Security (knowing particular interface names is considered a security risk).
2. Deterministic Naming. While the interfaces names used have always been the same, the mapping has been a bit hit and miss, and so on 10 identical servers, while the names are the same, `eth0` may not always be the same physical interface (like Windows it can move).

Today we are looking at a couple of scripts written by an engineer here at work (not by me). While these scripts can work very well, there are a couple of things to be aware of.

Firstly the two scripts, these are:

1. `store_macaddr_mapping.sh` - stores server MAC addresses for use by the `rename_network_interfaces.sh` script.
2. `rename_network_interfaces.sh` - renames the interfaces using the information generated by `store_macaddr_mapping.sh`

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