

SDK Script scan-wlan.are

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```
/* DESC: This script can be used to switch the WLAN client network
according to availability
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*/

IFC = "WLAN1";
NETWORK = "";
MIN_SIGNAL = -90;

/* ATTENTION: Scanning for WLAN networks will tear down any running
access-point */
nets = nb_scan_networks(IFC);
nr_nets = struct_get(nets, "NETWORK_COUNT");

if (is_void(nr_nets) || nr_nets < 1) {
    nb_syslog("no networks found on %s", IFC);
    exit(0);
}

/* lookup WLAN networks */
for (i = 1; i <= nr_nets; i++) {
    k = sprintf("NETWORK%d_SSID", i);
    ssid = struct_get(nets, k);
    k = sprintf("NETWORK%d_SIGNAL", i);
    signal = (int)struct_get(nets, k);

    if (strlen(ssid) == 0) continue;

    nb_syslog("detected %s network '%s' (signal %d)", IFC, ssid,
signal);

    if ((ssid == "home-network" || ssid == "office-network") && signal
> MIN_SIGNAL) {
        NETWORK = ssid;
        break;
    }
}

if (NETWORK != "") {
    nb_syslog("activating %s network '%s'", IFC, NETWORK);
}
```

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```
cfg = sprintf("wlan.0.client.0.ssid=%s", NETWORK);
nb_config_set(cfg);
} else {
    nb_syslog("no known networks found on %s", IFC);
}

exit(0);
```

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