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1  {
2      "config": {
3          "heap-size": {
4              "help": "The amount of static RAM to reserve for nsdynmemlib heap",
5              "value": 50000
6          },
7          "radio-type":{
8              "help": "options are ATMEL, MCR20, SPIRIT1",
9              "value": "SPIRIT1"
10         },
11         "backhaul-driver": {
12             "help": "options are ETH, SLIP",
13             "value": "SLIP"
14         },
15         "mesh-mode": {
16             "help": "Mesh networking mode. Options are LOWPAN_ND and THREAD",
17             "value": "LOWPAN_ND"
18         },
19         "backhaul-mac-src": {
20             "help": "Where to get EUI48 address. Options are BOARD, CONFIG",
21             "value": "BOARD"
22         },
23         "backhaul-mld": {
24             "help": "Enable proxying Multicast Listener Discovery messages to
25             backhaul network",
26             "value": "false"
27         },
28         "backhaul-mac": "{0x02, 0x00, 0x00, 0x00, 0x00, 0x01}",
29         "slip_hw_flow_control": "false",
30         "slip_serial_baud_rate": "115200",
31         "debug-trace": "true",
32         "defined-BR-config": "true",
33         "security-mode": "PSK",
34         "psk-key-id": 1,
35         "psk-key": "{0xa0, 0xa1, 0xa2, 0xa3, 0xa4, 0xa5, 0xa6, 0xa7, 0xa8, 0xa9,
36         0xaa, 0xab, 0xac, 0xad, 0xae, 0xaf}",
37         "pana-mode": "",
38         "tls-psk-key": "{0xcf, 0xce, 0xcd, 0xcc, 0xcb, 0xca, 0xc9, 0xc8, 0xc7, 0xc6,
39         0xc5, 0xc4, 0xc3, 0xc2, 0xc1, 0xc0}",
40         "tls-psk-key-id": 1,
41         "pan-id": "0x0691",
42         "network-id": "network000000000",
43         "beacon-protocol-id": 4,
44         "prefix": "fd00:db8::",
45         "prefix-from-backhaul": true,
46         "rf-channel": 1,
47         "rf-channel-page": 2,
48         "rf-channel-mask": "(1<<1)",
49         "short-mac-address": "0xface",
50         "backhaul-dynamic-bootstrap": true,
51         "backhaul-prefix": "fd00:db8:ff1::",
52         "backhaul-default-route": "::/0",
53         "backhaul-next-hop": "fe80::1",
54         "ra-router-lifetime": 1024,
55         "rpl-instance-id": 1,
56         "rpl-idoublings": 9,
57         "rpl-imin": 12,
58         "rpl-k": 10,
59         "rpl-max-rank-inc": 2048,
60         "rpl-min-hop-rank-inc": 128,
61         "rpl-default-lifetime": 64,
62         "rpl-lifetime-unit": 60,
63         "rpl-pcs": 1,
64         "rpl-ocp": 1,
65         "multicast-addr": "ff05::7",
66         "LED": "NC",
67         "SERIAL_TX": "NC",
68         "SERIAL_RX": "NC",
69         "SERIAL_CTS": "NC",
70         "SERIAL_RTS": "NC"
71     },
72     "target_overrides": {
73         "*": {

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71     "target.features_add": ["NANOSTACK", "LOWPAN_BORDER_ROUTER",
72     "COMMON_PAL"],
73     "target.features_remove": ["LWIP"],
74     "spirit1.mac-address": "{0xf0, 0xf1, 0xf2, 0xf3, 0xf4, 0xf5, 0xf6, 0xf7}",
75     "mbed-trace.enable": 1,
76     "nanostack.configuration": "lowpan_border_router",
77     "platform.stdio-convert-newlines": true,
78     "platform.stdio-baud-rate": 115200
79 },
80 "NUCLEO_F429ZI": {
81     "LED": "LED1",
82     "SERIAL_TX": "SERIAL_TX",
83     "SERIAL_RX": "SERIAL_RX",
84     "SERIAL_CTS": "PD_11",
85     "SERIAL_RTS": "PD_12"
86 },
87 "K66F": {
88     "LED": "LED_GREEN"
89 }
90 },
91 "macros": ["SPIRIT1_SPI_MOSI=PB_5"]
92 }
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