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- [1 ????????](#)
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????????? ??????](#)
- [3 ?????????? ??????????](#)

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?????????? **DHCP** (??? ?????????????? DHCP, ????. Static DHCP, DHCP reservation) - ??? ???????
???????, ??????? ?????????? DHCP-?????? ?? ?????????????? ?????? ?????????? ??? ? ??? ?? **IP-??????**
????????????? ?????????? ? ????????? ????. DHCP-?????? ?????????? ?????????? IP-????? ? ??????????? ??
?????????? **MAC-??????** ????????? ?????????? ??????????. ?????????? ?????????? ? ?????????? ?????????? ??
IP-????? ? DHCP-?????? ??????????????. DHCP-?????? ?????????? MAC-????? ??????? ?????? ??????????? ?
????????? ??? ??????????? IP-?????. (???????, ??? ? ?????????? ?????? ?????? ??????????????????? ?
IP-????? ?????? ??? ????????????. ???????, ???????, ?????? ?????????????? ?????? ???? ?? IP-????? ??? ??
??????????, ??? ? ??? ?????????????? ???????????, ??? ???? ?????????? ?????? ??? ?????? ?????? ???, ???,
????? ??????????? ??? ??????? ?????? ??? ?????? ?????? ???????????.)

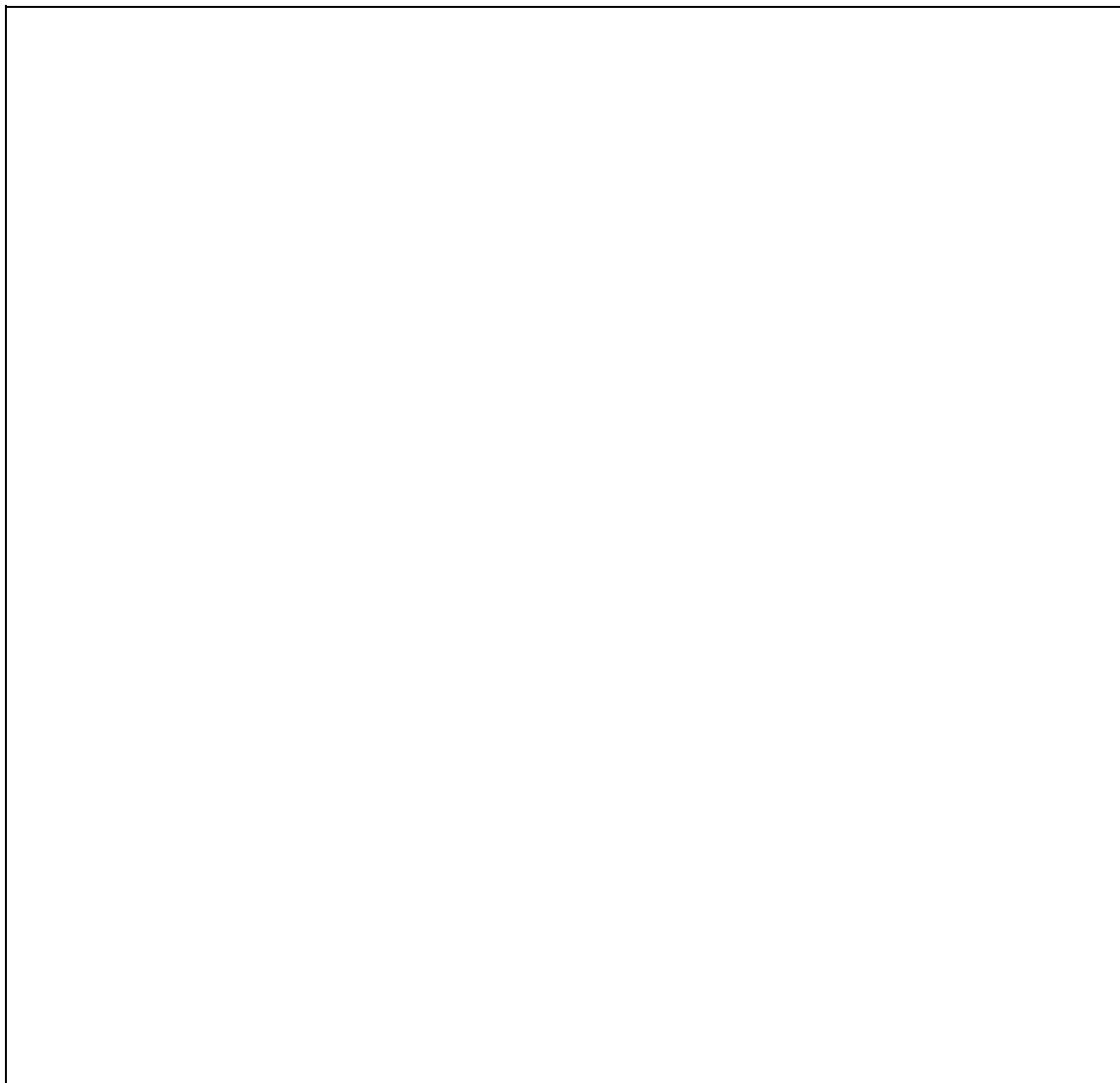
?????????? **DHCP** ???????????, ????, ????, ?????? ?????????? ?????? ??????????? IP-?????. ??????? ??
????????? ??? ??????????? ????????. ???????, ????, ?????, ?????? ?????? ??? ? ?????????? ??? ???? ?? **IP-??????**
????????????? ?????????? (???????, ? ?????? ??????) ? ?????????? ? ??? ?????? ?? ?????? ??????. ? ??????????
? ????????????? ?????? ?????? ?????????????? ? ?????? DHCP. ??? ? ?????????????? ?????? ??????
????? ? ?????? ?????????? ??? WAN ?? ??? ? ?????? ?????? ?????? ???, ?? ?????? ?????? ?????? ???,
????? ??????????? IP-?????.



?????????????

1. ??????? ? ??-?????? DD-WRT.
2. ??????? ?? ?????? Administration ? Services.
3. DHCP-?????? ? ?????? ?????????? DHCP Server ?????? ??? ???????.
4. ??? ? ??????? ?????? ?????????? ?????? "Static Leases" ??? ?????? ????, ?????? Add.
5. ?????? MAC-????? ??????? ??????????, ??????? ??? IP-????? ??? ??????????, ??????? ?????? ?????????? ?????? ?????? ?????? ?????? ?????? IP-?????. ?????? ??????, ??? ?????? ?????????????? ??? ? ??? ? IP-????? ??? ?????? ?????????? (???????, ??? ??????????, ??? ? ?????????????? ?????????? ?????? ??????).
6. ??????? ???????.

?????????. ?? ?????? ??? ?????? (????? Save), ??? ?????? (????? Apply) ????????.
????? ???, ??? ?????? ?????????? ? ?????????? ?????? ? ?????? ?????????? ??????. ??? ?????? ??
????? Add ??????? ?????????? ??? ?????????? ?????? ?????????? ?????? ??????. ??? ? ??????????
????????? ?????????? ?????? ?????? ?????????? ?? ??? ??????, ?? ?????????? ? ??????, ??-??
????????? ???-????????? ?????????? ?? ?????????? ? ?? ?????????? ??????.



?????????. ?????? ??? ?????? ???? Client Lease Time ??????? ?????????? ??? ?????? (?????? ?? ??????). ?????? ?????????????? ?????? ?????????????????? ?????? ?????????? ?????? ?????????? ?????????????? ?? ??????, ? ?????????? ?????????????? ?????? ?????????? ??? ?????????????? ?????? ?????????????? ?????? ?????????????? ??????.

????????? DHCP

?????? DHCP ??????? IP-????? ??? ?????? ?????????? ??????????. ?? ?????? ?????????? ?????????? ???? ????????

???-????????? Setup ? Basic Setup. ? ? ?????? Administration ? Services ??? ?????? ?????? ??????????
????????? ??????????:

DHCP Daemon: ??????? ??? ?????? ?????? ?????? DHCP-????? ?? ?????????????? ?????????? ??
?????? ? ?????? Setup.

Used domain: ?????? ?????? ??????, ?????? ??? ?????? ?????? DHCP ?????? ?????????? ? ?????? ?????????? ?????????? ??????. ??? ?????? ??? ????? WAN, ?????? ? ?????? Setup, ??? ????? LAN, ?????? ??? ?????????? ?????.

????????????_DHCP

LAN Domain: ????? ????? ??????? ???????? ?????? ??? DNSmasq ? ?????? DHCP, ??? ?????? ???.

Static Leases: ?????????? ?????????????? ?????????????? ?????????????? ?????? ??? ?????? ?????? ?????????? ?????????? ? ?????? DNS ?????????????? (DNSmasq).

?????????. ?? ??????????, ?? ?????????????? ?????????? ?????????? ?????? ?? ?????????? ??????????, ?? ?????????? ?????????? ?????? DHCP. ?? ?????????? ??? ?????? 192.168.1.100-192.168.1.149, ? ?? ?????? ?????????? ? ?????? Setup ? Basic Setup ? Network Address Server Settings (DHCP).

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????? ?????????? IP-????? 192.168.1.12 ? ??????? ??? «mypc» ?????????? ? ?????? ??????, ??????? MAC-????? 00:AE:0D:FF:BE:56, ?????? **Add** ? ?????? **00:AE:0D:FF:BE:56** ? ??? MAC Address, **mypc** ? ??? Host Name ? **192.168.1.12** ? ??? IP Address.

?????: ??? ? ? ?????? ?????? 'Add' ???? ?????????? ???????, ??? ?????? ??????. ??? ??????????.

????????????? ?????????????? ?????? ?? ??????????

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nvram set static_leasenum=X (?? X - ??? ????? ?????????? ?????????? ?????????? ??????????)  
nvram set static_leases="00:11:22:33:44:55=????????_??_1=IP-????_1 00:11:22:33:44:56=????????_2=
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??? ??????? ?????? ???, ?????? ?????????? ?????????? ?? ? ?????????? static_leases ??????? ???????.

?? ?????????? ???????, ??? ? ??????? ?????????? ??? ?????? (????? ?????????? ??? ?????? ??????).

????????? redhawk ????:

?????????. ?????? ?? ?????? **I3832**, ?????? ?????? ??? ?????? ?? ?????????:

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nvram set static_leasenum=X (?? X - ??? ????? ?????????? ?????????? ?????????? ??????????)  
nvram set static_leases="00:11:22:33:44:55=????????_??_1=IP-????_1= 00:11:22:33:44:56=????????_2=
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nvram set static_leases="00:11:22:33:44:55=????????_??_1=IP-????_1= 00:11:22:33:44:56=????????_2=
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????????????? ??? ?????? ? ??????? 21676 (????? Jackykoning). ??????? ?????? ?????? ??????? ?????? ?????? ???????, ?????? ??????:

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nvram set static_leasenum=X (?? X - ??? ????? ?????????? ?????????? ?????????? ??????????)  
nvram set static_leases="  
00:11:22:33:44:55=????????_??_1=IP-????_1=  
00:11:22:33:44:56=????????_??_2=IP-????_2=  
00:11:22:33:44:57=????????_??_2=IP-????_3=  
00:11:22:33:44:58=????????_??_2=IP-????_4="
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????????????_DHCP

????????? ???????? ?? ???<=> ? ????? ??????? ??????. ???? ?? ?????? ?????????? ?????? ??????, ?? ?????? ?????????? ?????<=> ?????? ????? - ?????? ? ?????? (1440 = 24 ????). ? ?????????? ?????? ?????? ?????? ?????? ?????<=> ?????? ?????? ?????????? ??????.

???? ?? ??????? ?????? ????, ?? ?? ?????? ?????????? ?????????? ???????, ????????, ?? ?????????? ?????? ?????????????? ?????? ?????? ??? ?????? ?????? ?????? ?????????? ?? SSH ??? Telnet ? ?????????????? ? ??? ?????? ????. ???? ?? ??-????????? ?????????????? ? ?????????? ?????????????? ?????? ?????? ?????????? ??????, ?????? ?????????? ?????? vi (??? ??????), ?????? ?????? ?????? ?????? ?????? ?????????? ?????? ?????? ?????????? ?????? ?????? ?????????):

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nvram set static_leasenum='15';
nvram set static_leases='MAC-?????_1=??????_??_1=IP-?????_1 MAC-?????_2=??????_??_2=IP-????'
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????? ? ???????? ???????? (?????? ?????????? myiplist.sh) ??????? ???:

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sh myiplist.sh
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????? ?????????? ?????? ???????????, ??? "nvram show | grep static" ? "nvram commit".

????????????? ????????????

???? ?? ?? ?????? ?????????? ?????? ??????? ping ?? ???????? ?????? ?????????? ?????? ?????? ?????? ?????? ??????. ?.?. ?????? "ping server" ???????? "ping server.".

???? ?????????? ?????? ??????, ?? ?????????? ?????????? ?????????? ?????? IP-????? DHCP, ?????????? ?????? ?? ?????? Setup ???-?????????. ?????? Save ? ????? Apply settings. DHCP-????? ?????? ???????????????, ? ?????????? ?????? ?????? ?????????? ?????? ?????? ?????? ?????? DHCP, ? ? ??? ?????? ?? ?????? ?????? IP-?????.