

SNR DHCP (ZTP, Auto Provisioning)

- ZTP DHCP
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SNR DHCP, Auto Provisioning ZTP (Zero-touch provisioning).
, NOS DHCP-, DHCP-, , .
ZTP:

- DHCP: next-server, server-name filename
- DHCP 66 67

i , MGMT- (Ethernet0), ZTP , DOWN.
, , ZTP VLAN 1 (.. Ethernet). 1 .

ZTP DHCP

i 2026, :

- SNR-S225Gi-8T-POE
- SNR-S2962
- SNR-S2965
- SNR-S2982
- SNR-S2985
- SNR-S2989
- SNR-S2995
- SNR-S3850
- SNR-S400X
- SNR-S4350X
- SNR-S5xxx

, ZTP 3 DHCP:

- next-server – (TFTP-, FTP- .)
- server-name – (TFTP, FTP .) , . TFTP – "tftp://", FTP – "ftp://login:password@"
- filename – ".": "nos.img:startup.cfg";

filename .rom/img/.cfg (/).

isc-dhcp-server:

TFTP

```
subnet 192.168.12.0 netmask 255.255.255.0 {
    range 192.168.12.100 192.168.12.200;
    option subnet-mask 255.255.255.0;
    option routers 192.168.12.1;

    next-server 192.168.12.1;
    server-name "tftp://";
    filename = "boot.rom:nos.img:startup.cfg"; #
}
```

FTP

```
subnet 192.168.12.0 netmask 255.255.255.0 {
    range 192.168.12.100 192.168.12.200;
    option subnet-mask 255.255.255.0;
    option routers 192.168.12.1;

    next-server 192.168.12.1;
    server-name "ftp://login:password@";
    filename = "boot.rom:nos.img:startup.cfg"; #
}
```

, -:

```
filename = concat(binary-to-ascii(16, 8, "-", substring (hardware, 1, 6)), ".cfg");
```

ZTP DHCP 66 67



2026, :

- SNR-S225Gi-8T-POE
- SNR-S2962
- SNR-S2965
- SNR-S2982
- SNR-S2985
- SNR-S2989
- SNR-S2995
- SNR-S3850
- SNR-S2990X
- SNR-S300X
- SNR-S400X
- SNR-S4350X
- SNR-S5xxx

, 3- DHCP, -66 67:

- 66 – , , , , , "next-server" "server-name" : "{server-type}[<user>[:<password>]@]<ip>", server-type : "tftp://", "ftp://" (SCP, SFTP). TFTP: "tftp://172.31.254.23"; FTP: "ftp://login:password@192.168.12.1"
- 67 – ". : "nos.img:startup.cfg". "filename"

67 .rom/img/cfg (//).

, , , ,

isc-dhcp-server:

TFTP

```
subnet 192.168.12.0 netmask 255.255.255.0 {
    range 192.168.12.100 192.168.12.200;
    option subnet-mask 255.255.255.0;
    option routers 192.168.12.1;

    option tftp-server-name "tftp://192.168.12.1/";
    option bootfile-name "boot.rom:nos.img:startup.cfg"; #
}
```

FTP

```
subnet 192.168.12.0 netmask 255.255.255.0 {
    range 192.168.12.100 192.168.12.200;
    option subnet-mask 255.255.255.0;
    option routers 192.168.12.1;

    option tftp-server-name "ftp://login:password@192.168.12.1";
    option bootfile-name "boot.rom:nos.img:startup.cfg"; #
}
```

, -:

```
option bootfile-name = concat(binary-to-ascii(16, 8, "-", substring (hardware, 1, 6)), ".cfg");
```