

## Open Infrastructure - Task #7303

### Change place5 coworking to IPv6 only

11/07/2019 11:51 AM - Nico Schottelius

<b>Status:</b>	Closed	<b>Start date:</b>	11/07/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Nico Schottelius	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>PM Check date:</b>			
<b>Description</b>			
<ul style="list-style-type: none"><li>• Currently NAT44 has an issue.</li><li>• Instead of fixing it, change the network to IPv6 only + NAT64</li></ul>			

#### History

##### #1 - 11/07/2019 11:54 AM - Nico Schottelius

- Status changed from New to In Progress

Commented out the dhcp / ipv4 network:

```
[11:51:59] router1.place5:~# cat /etc/dhcp/dhcpd.conf
option domain-name "place5.ungleich.ch";
```

```
default-lease-time 600;
max-lease-time 7200;
```

```
ddns-update-style none;
```

```
authoritative;
```

```
if exists user-class and option user-class = "iPXE" {
    filename "http://10.0.0.1/ipxescrpt";
} else {
    filename "undionly.kpxe";
}
```

```
# Internal
subnet 10.0.0.0 netmask 255.255.252.0 {
    range 10.0.1.0 10.0.3.254;
    option routers 10.0.0.1;
    option bootfile-name "undionly.kpxe";
    next-server 10.0.0.1;
    option domain-name-servers 10.0.0.3, 10.0.0.4;
}
```

```
# Co-working
#subnet 10.0.8.0 netmask 255.255.252.0 {
#    range 10.0.9.0 10.0.11.254;
#    option routers 10.0.8.1;
#    option domain-name-servers 10.0.8.3, 10.0.8.4;
#}
```

##### #2 - 11/07/2019 11:58 AM - Nico Schottelius

Added coworking IPv6 network to dns64 translations

```
# Place5
dns64 2a0a:e5c0:0:1::/96 {
    clients {
        2a0a:e5c0:0:0::/64;
        2a0a:e5c0:0:4::/64;
        2a0a:e5c0:0:5::/64;
        2a0a:e5c0:0:6::/64;
    };
};
```

```
};
```

- Updating dns servers with cdist

**#3 - 11/07/2019 12:01 PM - Nico Schottelius**

*- Status changed from In Progress to Closed*

Restarted dhcpd, reconnected with a client, all good.