

## Open Infrastructure - Task #7409

### Replace ipv4 on internal routes with multiprotocol IPv6

12/03/2019 04:16 PM - Nico Schottelius

<b>Status:</b>	Closed	<b>Start date:</b>	12/03/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	ll nu	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>PM Check date:</b>			

#### Description

Current limitation: need update to newer bird version

- <https://gitlab.labs.nic.cz/labs/bird/commit/53401bef63013dfef01b65d071ffbd88e457539f>
- Subject "Re: Multi protocol route handling (IPv4 via IPv6)" on the bird mailing list
- watch the bird mailing list -> upgrade our new routers when bird 2.0.8 is available
- ensure that Alpine has iproute2 installed (busybox ip does not work)

```
protocol bgp replacement_router2_place5_ungleich_ch_v6 {
    local as 209898;
    neighbor 2a0a:e5c0:1:8::38 as 209898;
    direct;

    ipv4 {
        next hop self ebgp;
        extended next hop;

        # What we accept from this protocol -> others send us
        import filter from_replacement_router;

        # What we export into this protocol -> what we send
        export all;
    };

    ipv6 {
        next hop self ebgp;
        extended next hop;

        # What we accept from this protocol -> others send us
        import filter from_replacement_router;

        # What we export into this protocol -> what we send
        export all;
    };
    # Highest preference on internal traffic
    default bgp_local_pref pref_normal;
}
```

#### History

#1 - 12/03/2019 04:19 PM - Nico Schottelius

- Description updated

#2 - 12/03/2019 04:22 PM - Nico Schottelius

- Description updated

#3 - 12/03/2019 04:28 PM - Nico Schottelius

- Description updated

#4 - 12/09/2019 11:46 AM - ll nu

- Status changed from New to Seen

**#5 - 02/25/2020 12:11 AM - II nu**

- Status changed from Seen to Closed

i dont think this is relevant anymore