

Re: When IPv6 temporary addresses are regenerated?

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 - *Date:* Fri, 26 Jan 2007 15:47:08 +0900
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On Thu, 25 Jan 2007
14:09:28 +0100,
"Frank Behrens"
<frank@xxxxxxxxxxxx>
said:

I have an IPv6 setup with temporary addresses (RFC3041). To switch this on I used "sysctl net.inet6.ip6.use_tempaddr=1". The temporary address is generated and meanwhile expired.

Does anybody know, when this address is expected to be regenerated?

As described in RFC3041 (and in its successor draft),

When a temporary address becomes deprecated, a new one should be generated.

(from section 3.4 of RFC3041). FreeBSD should behave that way (on my laptop running 6.2-PRERELEASE, I have two temporary addresses; one is preferred and the other is deprecated).

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p.s. if you want to get a useful answer, it's generally advisable not to hide details as in xxx.xxx.xx.xx, especially when you are not certain about some aspect of the matter – because such details are often a key to the answer. If you do not want to disclose your internal information but want to get an answer, I'd recommend you to reproduce the situation using prefixes for documentations/examples like 192.0.2.0/24 and 2001:db8::/32 and show every detail.

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My current interface configuration is

```
vlan0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> mtu 1500
inet xxx.xxx.xx.xx netmask 0xfffff00 broadcast xxx.xxx.xxx.xxx
inet6 fe80::211:xxxx:xxxx:xxxx%vlan0 prefixlen 64 scopeid 0x5
inet6 2xxx:xxxx:xxxx:: prefixlen 64 anycast
inet6 2xxx:xxxx:xxxx:0:211:2ff:xxxx:xxxx prefixlen 64
inet6 2xxx:xxxx:xxxx:0:54b:5960:xxxx:xxxx prefixlen 64 deprecated autoconf temporary
pltime 0 vltime 509995
```

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