IPv6-only Support in NetworkManager

Progress update

Ondřej Caletka | RIPE NCC | 31 October 2024

Support for IPv6-only networks

Full

Fair

No way!

*) some statements are simplified

Support for IPv6-only networks
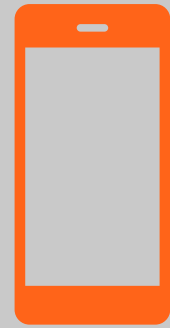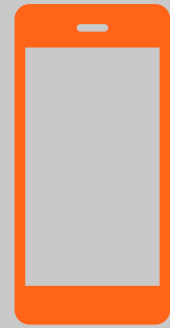
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Android

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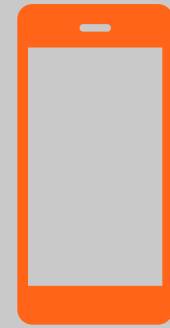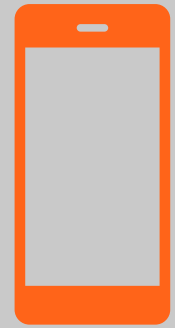# Support for IPv6-only networks

Full

Android

iOS

Fair
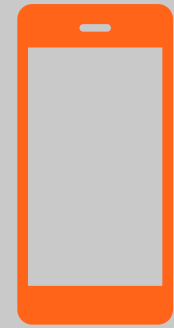
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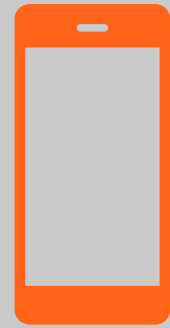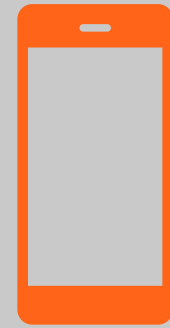

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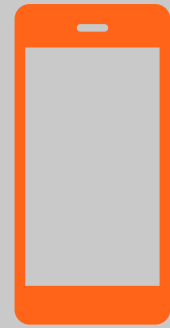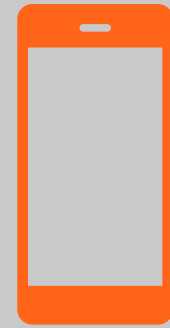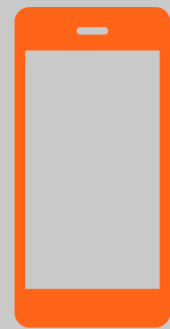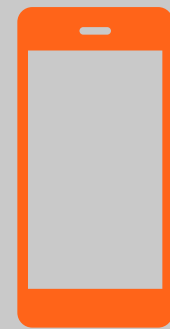Windows   Linux

- No CLAT*
- Applications relying on IPv4 are **broken**

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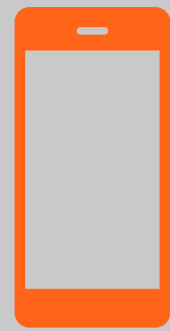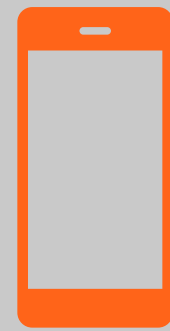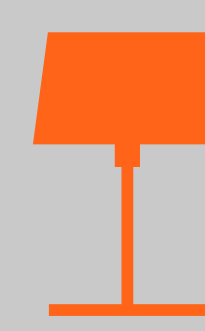- Applications relying on IPv4 are **broken**

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IoT

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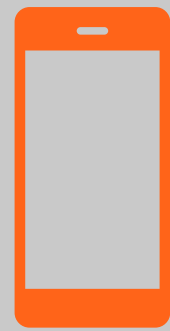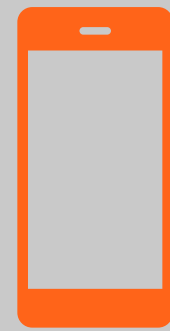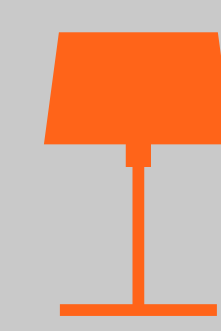
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IoT

Smart home

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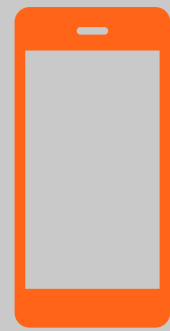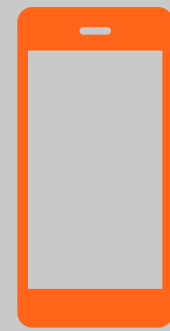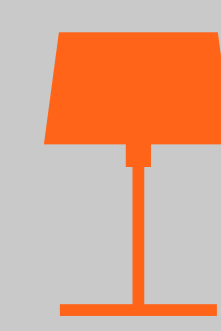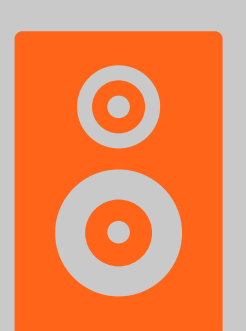
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IoT Smart home

- No IPv6 support*
- Native IPv4 **required**

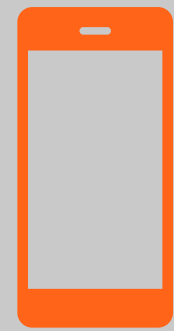***) some statements are simplified**
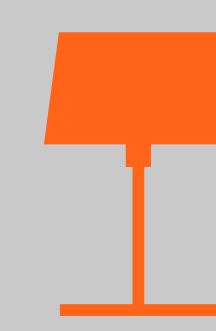
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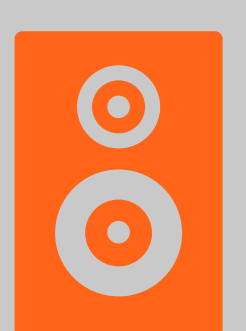
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Smart home

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NetworkManager plans to support IPv6-only networks

- Support for getting PREF64 option from the Router Advertisements

- Support for v6-only-preferred DHCP option

- CLAT implemented using **eBPF**

Priority is given to the features requested by paying customers

Questions
& Comments

?

✉ Ondrej.Caletka@ripe.net

🌐 https://Ondřej.Caletka.nl