

# RIPE-501 Update

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# What Is RIPE 501?

- Started in Slovenia by asking the government why they don't require IPv6 when buying equipment
- Continued through Go6 and the RIPE IPv6 community to become a very successful globally recognized IPv6 procurement document
  - Translated into many languages
  - Governments and enterprises are utilizing the document
- Removes the initial hurdles in IPv6 deployment process by giving recommendations on what to ask for in products
- Compliance requires mix of IPv6 Ready Logo certification and specifically listed RFC support
- Intended input for generic EU IPv6 profile through EC project GEN6



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# RIPE-501 Content

- Introduction
  - General information on how to use this document
  - How to specify requirements
- Proposed generic text for the tender initiator
- Lists of required RFC/3GPP standards for different type of hardware
  - Requirements for "host" equipment
  - Requirements for consumer grade "layer 2 switch" equipment
  - Requirements for enterprise/ISP grade "layer-2 switch" equipment
  - Requirements for "router or layer-3 switch" equipment
  - Requirements for "network security equipment"
  - Requirements for CPE equipment
  - Requirements for Mobile Devices
  - Requirements for Load balancers
- Requirements for IPv6 support in software
- Skill requirements of the systems integrator
- Declaration of IPv6 competence



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# RIPE-501 position paper from a Vendor 😊

- A vendor position paper

*After careful analysis of the RIPE-501 profile, <vendor> is expressing its support for the following reasons:*

- *The set of features listed is deployment oriented and takes into account architectures that have been validated by experience.*
- *The profile does not restrict itself to a small set of core IPv6 features.*
- *The document lists a coherent set of IPv6 features that are likely to help the industry deploy IPv6 at a faster pace.*

[http://www.cisco.com/en/US/prod/collateral/iosswrel/ps6537/ps6553/brief\\_c80-674464.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps6537/ps6553/brief_c80-674464.html)



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# State of the RIPE-501 replacement document

- Lots of input and on-list and offlist discussion
- Some very late, but still useful comments
- Many people and organizations are waiting for this update or replacement getting official (two of them being EU/EC and also German government...)
- Versions will be updated as needed in the future



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# URLs, files, info...

- Original RIPE-501:  
<http://www.ripe.net/ripe/docs/ripe-501>
- Draft of replacement document:  
<http://www.ripe.net/ripe/docs/other-documents/requirements-for-ipv6-in-ict-equipment>
- Intermediate versions:  
<http://go6.si/ripe501bis/>



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# Questions?

## Comments welcome to authors:

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