

RIPE

BCOP

IPv6 for Enterprises



The problem

- Enterprises have many questions about IPv6
- For which good answers are difficult to find
 - Sometimes good BCOP documentation doesn't exist
 - Or it's hard to find unless you already know what you're looking for
- Enterprises need guidance!

Current work

- Started gathering BCOP docs on ipv6guide.net
- I want to make it read like a “story” for enterprise
- With links to pages/docs that go a bit deeper
 - Hypertext is great! ;-)

- Goals:
 - Make an overview of what’s available
 - And find people to write the bits that are missing



First view: <https://ipv6guide.net/>



IPv6 Guide



This website is a repository for IPv6 related documentation, guides, best practices etc.

Focus areas

For some environments we are building a whole set of documentation to help you get started. For now we have only one such section for enterprises. More contributions would be more than welcome!

- [Enterprise](#)

Sources of information

There is a lot of information already out there. Where possible we prefer links to existing high-quality documentation instead of new text. Especially if there is good documentation from well known sources such as [ISOC Deploy360](#), the [RIPE community](#), [NANOG](#) etc. When multiple good sources exist they should all be referred to.




First view: <https://ipv6guide.net/>



Enterprise

 enterprise

 View

 View Source

 Changes

 Attachments

Introduction

IPv6 has already been deployed in many places. Most (if not all) big transit providers have IPv6, more and more ISPs are offering IPv6 to their users, and major content providers like [Google](#) and [Facebook](#) are reachable over IPv6. One group of network operators that seems to stay behind a bit is enterprises. Many enterprises seem to think that they don't need IPv6, or when they do they don't know where to start. This is why this section on [IPv6 Guide](#) was created: to help enterprises understand which role they play in the global internet and help them to deploy IPv6 with as little effort as possible.

Phases

We recommend to split an project to implement IPv6 into at least these three stages:

- [Preparation](#)
- [Architectural decisions](#)
- [Implementation](#)

My current activities

- I am already working on:
 - Overview (“glue”)
 - How to announce IPv6 space
 - Routing
 - (De)aggregation

BCOP work

- Guidance for where BCOP work is needed
- Help is appreciated
 - This is a huge subject
 - I can't cover all the sub-topics on my own
- Propose to work on this as BCOP-TF action item

