The Advisory Attribute

David Kessens
RIPE NCC

Document: ripe-131

Obsoletes: ripe-130
Updates: ripe-181

Scope

This document describes the *advisory* attribute of the *route* object.

Description

Some autonomous systems may benefit from specific private information stored in the routing registry on a per route basis. The *advisory* attribute of the *route* and *aut-num* objects enables this. It simply provides a mechanism by which the maintainer of a route or autonomous system object can register an arbitrary text string intended for the operator of a specific 'target' AS. The syntax and semantics of the text string are defined by the operator of the 'target' AS concerned and are beyond the scope of this document.

The advisory attribute of a *route* object applies to the specific route. The advisory attribute of an *aut-num* object is intended to apply as default to all routes originated by the autonomous system in question, providing a short-hand notation if the same advisory applies to most or all such routes. If both are present the advisory attribute of a route object takes precedence over the advisory attribute of the aut-num object. As with all advisories the specific semantics are defined by the 'target' AS.

It is recommended to limit the use of advisories as much as possible and to use the standard routing registry instead. It should be considered that the use of this attribute requires additional effort by the maintainers of the objects concerned. It is important to establish their motivation to register and maintain this information properly.

Definition

advisory:

Advises a specific 'target' AS to use the information that is defined in this attribute.

Format:

```
<ASnnnn> <AS specific information>
```

The AS specific information is intended for use by ASnnnn, the 'target' AS, only. The syntax of the AS specific information is defined by ASnnnn and beyond the scope of this document. It can be obtained by contacting the administrative contacts of ASnnnn which can be found in the corresponding *aut-num* object.

Status: optional, multiple lines allowed

Acknowledgements

This document is based on a draft by Dale Johnson of MERIT. Adding advisories to *aut-num* objects was suggested by Christian Panigl of ACOnet.