Chapter 25
Matching AS Paths

aspath

Name

aspath - specifies that an AS_PATH matching the *aspath_regexp* with the specified origin is matched

Syntax

aspath *aspath_regexp*

Parameters

aspath_regexp - a BGP AS path regular expression. See "AS Path Regular Expressions" on page 131 in *Configuring GateD* for more information on regular expressions.

Description

aspath specifies that an AS matching the *aspath_regexp* with the specified origin is matched.

Defaults

Context

import statement

subclauses of **export** statement

Examples

Example 1

```
import proto bgp aspath "(4)" origin any {

    all;

};
```

Example 2

```
import proto bgp aspath "(1+)" origin any {
    all;
};
```

See Also

"AS Path Regular Expressions" on page 131 in *Configuring GateD*

origin on page 591

origin

Name

origin - specifies whether the route was learned from an EGP or an IGP source

Syntax

```
origin ( [ any ] | [ igp ] | [ egp ] | [ incomplete ] )
```

Parameters

any

igp

egp

incomplete

Description

An **origin** of **igp** indicates the route was learned from an Intra-Domain Routing Protocol and is most likely complete. An **origin** of **egp** indicates the route was learned from the EGP protocol, and the path is most likely not complete. When the route is learned from another source, an **origin** of **incomplete** is used. An **origin** of **any** can be used to match any origin.

Defaults

Context

aspath statement

Examples

Example 1

```
import proto bgp aspath "(4)" origin any {
    all;
};
```

Example 2

```
import proto bgp aspath "(1+)" origin any {
    all;
};
```

See Also

aspath on page 589

"Chapter 29 Matching AS Paths" on page 131 in *Configuring GateD*