

# OSPF Routing Cost

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## OSPF routing cost - quick overview

The ospf routing cost is part of what the OSPF network uses to choose between alternative routes. It is calculated as the sum of the costs of the links that the route uses. The default value they use is rubbish because any link that has a bandwidth of 100Mbps has a cost of 100,000,000. This is slightly better than the default value of 100,000,000, but it is still rubbish.

## Juniper configuration for OSPF

```
interface ge-0/0/0 {  
  family inet {  
    address 10.0.0.1/24;  
    auto-cost {  
      enable;  
    }  
  }  
}
```

The table of costs we will set are shown below

Bits/sec	Routing Cost
100000000	100000000
10000000	10000000
1000000	1000000
100000	100000
10000	10000
1000	1000
100	100
10	10
1	1

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