Inside AS10's BGP Router

AS 1
Dst: **1.0/16**
AS-path: **1**

AS 20
Dst: **1.0/16**
AS-path: **20 1**

AS 100
no route

RIB-in

RIB-in

RIB-in

BGP decision process

Loc-RIB

Dst: **1.0/16**
AS-path: **1**

RIB-out

RIB-out

RIB-out

nothing sent (same source)
AS 1

Dst: **1.0/16**
AS-path: **10 1**
AS 20

Dst: **1.0/16**
AS-path: **10 1**
AS 100

control plane

data plane

Single best route towards 1.0/16

used for forwarding

FIB

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