



Knowledge Card | Marseille

Route Server Operational Communities

*Where
networks
meet*

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MARSEILLE

Route Server Operational Communities

You can use communities to control how the route server redistributes your prefixes. We support traditional, extended and large communities.

Communities must be set on each prefix they should apply to. All communities can be combined.

	IPv4	IPv6
Autonomous System	20717	20717
RS1	185.1.47.252	2001:7f8:36::50ed:fc:1
RS2	185.1.47.253	2001:7f8:36::50ed:fd:1
RIR macro (AS-SET)	AS-DECIX-MRS	AS-DECIX-MRS-V6

Action	BGP Standard Community	BGP Extended Community	BGP Large Community
Redistribute			
to all	20717:20717	rt:20717:20717	20717:1:0
to none	0:20717 NO-EXPORT NO-ADVERTISE	rt:0:20717	20717:0:0
to PEERAS	20717:PEERAS*	rt:20717:PEERAS	20717:1:PEERAS
NOT to PEERAS	0:PEERAS*	rt:0:PEERAS	20717:0:PEERAS
Prepend AS path (sender's AS is added to the AS path multiple times)			
to all peers once	65001:0		20717:101:0
to PEERAS once	65001:PEERAS*	rt:65001:PEERAS	20717:101:PEERAS
to all peers twice	65002:0		20717:102:0
to PEERAS twice	65002:PEERAS*	rt:65002:PEERAS	20717:102:PEERAS
to all peers three times	65003:0		20717:103:0
to PEERAS three times	65003:PEERAS*	rt:65003:PEERAS	20717:103:PEERAS
Add NO-EXPORT (well-known community NO-EXPORT is added when re-announcing)			
to all peers	20717:65281		
to PEERAS			20717:901:PEERAS
Add NO-ADVERTISE (well-known community NO-ADVERTISE is added when re-announcing)			
to all peers	20717:65282		
to PEERAS			20717:902:PEERAS

* Only 16-Bit AS numbers possible here