TH-IX BGP Community Filtering

Action	BGP Standard Community (RFC 1997)	BGP Extended Community (RFC 4360)
Do not redistribute (Do not announce a prefix to any peer)	0:4652	rt:0:4652
Redistribute to $PEERAS (Announce a prefix to a certain peer)	4652:$PEER-AS	rt:4652:$PEER-AS
Do not Redistribute to $PEERAS (Do not announce a prefix to a certain peer)	0:$PEER-AS	rt:0:$PEER-AS

Evaluation order	Community
1.	0:$PEER-AS rt:0:$PEER-AS
2.	4652:$PEER-AS rt:4652:$PEER-AS
3.	0:4652

Scenario 1: Send prefix to every peer except some peers (AS10000, AS20000).
Community Attached: 0:10000 0:20000

Scenario 2: Send prefix to just some peers (AS10000, AS20000).
Community Attached: 0:4652 4652:10000 4652:20000