

Field Name	Type	Description
sessionID	u_int16_t	Session Identification
maintainRIBFlagInUse	int	0 or 1 1: needs to maintain the RIB-IN table 0: doesn't need to maintain the RIB-IN table set and read by the RIB and labeling module
DesiredMaintainRIBFlag	int	0 or 1 1: needs to maintain the RIB-IN table 0: doesn't need to maintain the RIB-IN table set by configuration module and read by the RIB and labeling module
labelFlag	int	0 or 1 1: needs to label the BGP updates. 0: doesn't need to label the BGP updates. set by configuration module and read by the RIB and labeling module
peerQueueReader	Struct QueueReader	it is used to read messages from the peer queue
labelQueueWriter	Struct QueueWriter	it is used to write messages to the label queue
prefixTable	PrefixTableStruct	See section 5.1.1
attributeTable	AttributeTableStruct	See section 5.1.2
NannRcvd	int	the number of received BGP updates with label 'new announcement'
LastHourNannRcvd	int	the number of received BGP updates with label 'new announcement' during the last hour
DannRcvd	int	the number of received BGP updates with label 'duplicate announcement'
LastHourDannRcvd	int	the number of received BGP updates with label 'duplicate announcement' during the last hour
SpathRcvd	int	the number of received BGP updates with label 'same path'
LastHourSpathRcvd	int	the number of received BGP updates with label 'same path' during the last hour
DpathRcvd	int	the number of received BGP updates with label 'different path'
LastHourDpathRcvd	int	the number of received BGP updates with label 'different path' during the last hour
WithRcvd	int	the number of received BGP updates with label 'withdraw'
LastHourWithRcvd	int	the number of received BGP updates with label 'withdraw' during the last hour
DuwiRcvd	int	the number of received BGP updates with label 'duplicate withdraw'
LastHourDuwiRcvd	int	the number of received BGP updates with label 'duplicate withdraw' during the last hour
momeryUsed	Long	the number of bytes used to store RIB-IN table
prefixCounter	int	the number of prefixes in RIB-IN table
attrCounter	Int	the number of unique attributes sets in RIB-IN table