

Enduro/X Core - Feature #137

Multi-connection bridge

05/08/2017 11:03 AM - Madars

<b>Status:</b>	New	<b>Start date:</b>	05/08/2017
<b>Priority:</b>	Normal (Code 4)	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b> - Create updated version of bridge process to allow multiple incoming or outgoing connections. - Needs to think about NodeID as we might just enum them virtually inside the cluster node, in this case short path responses shall not be used.			

History

#1 - 07/03/2020 09:10 PM - Madars

Firstly we could start with allowing multiple tpbridge pairs between cluster nodes.

this would include some changes for:

- bridgedef\_t should include the list of connected tpbridge processes. This needs a counter to for the number of connections established. If reached to 0, only then we consider other node disconnected.
- updates to other nodes may be sent via either connection

#2 - 10/08/2020 11:13 AM - Madars

- multi-connection shall allow different node ids to come from single bridge process. Thus to cleanup service list / shared memory, needs to do some global service cross check, as service might be provided by other bridge process, if one is shutting down.
- also needs to think about smart shutdown. If we make tpbridge to shutdown, then firstly we shall unadvertise all services to other node and only after a while perform process stop.