

Enduro/X Core - Feature #137

Multi-connection bridge

05/08/2017 11:03 AM - Madars

Status:	New	Start date:	05/08/2017
Priority:	Normal (Code 4)	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
<ul style="list-style-type: none">- 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 tbridge pairs between cluster nodes.

this would include some changes for:

- bridgedef_t should include the list of connected tbridge 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 tbridge to shutdown, then firstly we shall unadvertise all services to other node and only after a while perform process stop.