

# IEC / IEEE 60802 - IA profile

IEEE802.1Q question –

Expected behavior when receiving a frame containing the own MAC address as Source Address

-To be discussed-

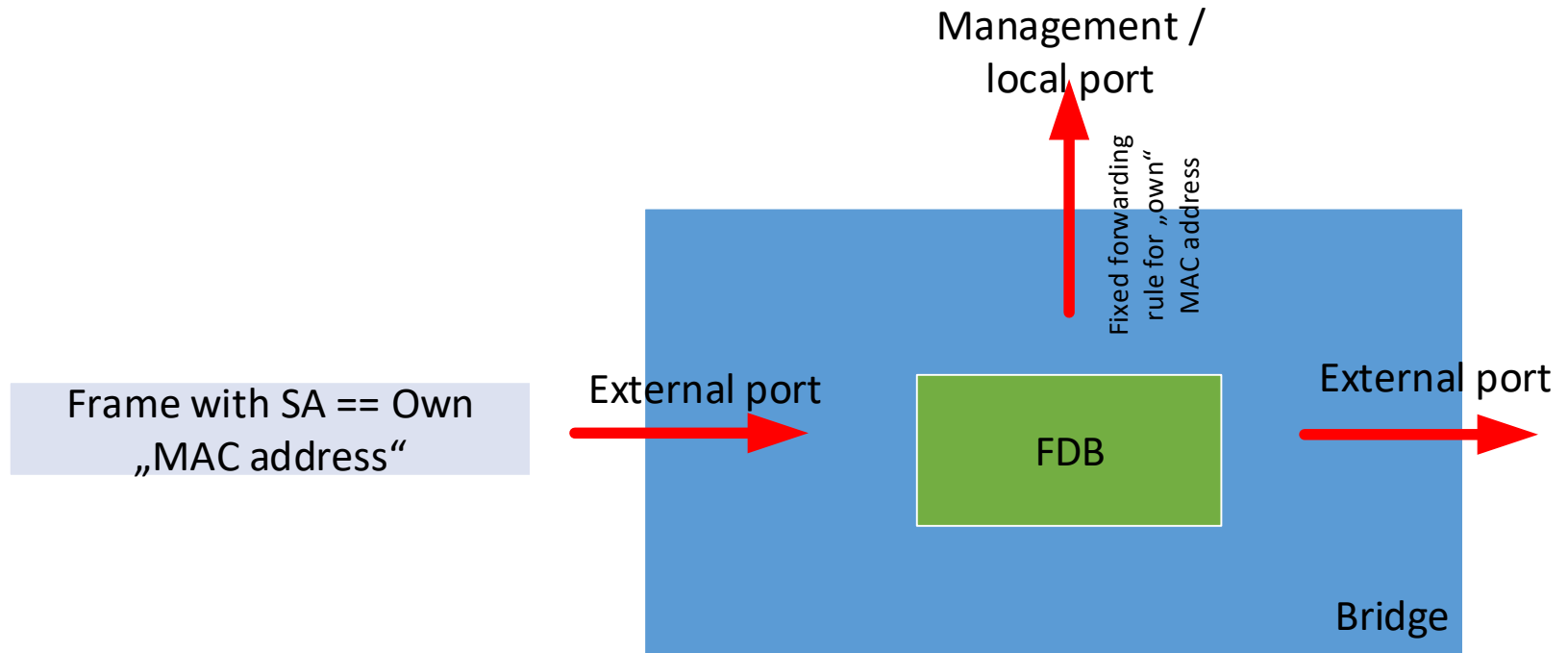
Prepared by  
Günter Steindl  
(Siemens AG)

# Basic scope

IEEE 802.1Q defines forwarding rules for bridges, but seems to miss a statement about the below stated case.

What is the expected behavior of a bridge when receiving a frame containing the own MAC address as Source Address?

# Example case



Forwarding: No exception from standard forwarding rules  
Learning: Static entry stays, no additional dynamic entry

# Conclusion

A clear definition is needed.

If not already stated inside IEEE802.1Q, a definition is needed.

Thank you

Questions?