

2020-10-28 5G-xHaul Meeting notes

Date

28 Oct 2020 | 3am PDT | 6am EDT | **10:00 UTC** | 11:00 CET | 12:00 EET | 15:30 IST | 18:00 CST | 19:00 JST |

Web Conference:

<https://thorsten-heinze-telefonica-de.webex.com/join/andreas.lattoch.external>

Attendees

- Alex Stancu ★
- @Andreas Lattoch ★
- Alok Surve
- Daniela Spreafico ★
- Danilo Pala ★
- Daniel Perez Calvo ★
- Eduardo Yusta
- Hubing
- Hsudarsa
- Jorge Lopez
- Istvan Vencz ★
- Jasper Yang
- Leo
- Ma Yong
- Michael Binder ★
- Nader Zein ★
- Paul Parva
- Pawel Krecicki
- Petr Jurcik
- Prathiba ★
- Roberto Servadio ★
- Shuzhan
- Thomas Seitz
- Tian Zhu
- Thorsten Heinze
- Yossi
- Zhang Dong
- Martin Skorupski

Info to:

- Tracy Van Brakle

Goals


- going forward

(please feel free to correct and update your names 😊 Thank you very much!!!)

Discussion items

| Time | Item | Who | Notes |
|-------|----------------------------------|-----|---|
| 00:00 | chair topic | | no update |
| 00:00 | Admin | | Next meetings 2020-10-28: Martin Skorupski 2020-11-04: Martin Skorupski 2020-11-11: Martin Skorupski 2020-11-18: Martin Skorupski |
| | Roberto Servadio | | RMON counter <ul style="list-style-type: none">▪ RMON counter in ETH-Container, while others are in MAC-Interface▪ Open question: Where centralize the RMON counter▪ Working assumption: All RMON counters should be part of the EthernetContainer_PAC (Status and PerformanceMonitoring)▪ Next Step:<ul style="list-style-type: none">▪ update related ETH and MAC issues in OpenBackhaul for final proposal▪ AI Martin Skorupski consolidate proposed solutions |

| | | | |
|--|----------------|--------------------|---|
| | @Eduardo Yusta | License Management | <p>Questions:</p> <ul style="list-style-type: none">▪ Are License be updated during life time of the device?<ul style="list-style-type: none">▪ Answer: yes - there are such cases, particularly for feature enhancements or for later enabling a license - xPIC may come later, when the second link is deployed.▪ Understanding association between License Firmware, LTP, Hardware, Features/Function?▪ Do all devices require a license?▪ Is a "feature-key" a "License" - from functional point: yes▪ What kind of License types needs to be supported - Software, Hardware, Interface, LTP, Capacity, Features, Function,<ul style="list-style-type: none">▪ Frist idea: focus on interface-capabilities <p>Frist proposal:</p> <ul style="list-style-type: none">▪ ControlConstruct<ul style="list-style-type: none">▪ LicenseList<ul style="list-style-type: none">▪ License<ul style="list-style-type: none">▪ Name▪ Type▪ Description▪ key (value; hash to be checked against, ...)▪ additional-configuration - (e.g. max capacity is xyz MBit/s)▪ State: activated; expired, no-active,▪ pointing to "something" |
|--|----------------|--------------------|---|

| | | | |
|-------|-------------------------------------|-----------------|--|
| 00:00 | Layering discussion (FCs, FDs etc.) | Thorsten Heinze | <ul style="list-style-type: none"> • Will publish in wiki the latest slide which is the result of discussions: <div data-bbox="553 184 1052 682" style="border: 1px solid gray; padding: 10px; text-align: center;">  slides to be published.pptx </div> <ul style="list-style-type: none"> • link to the contribution: 2020-09-16 5G-xHaul Meeting notes • Continue discussion from last week • Question: <ul style="list-style-type: none"> • 1x VLAN FD and 2x VLAN FC <ul style="list-style-type: none"> • Impact on MAC interfaces • 1:1 between VLAN-IF-LTP and EthernetContainer-LTP • 1x physical only one MAC-Interface? • MacSwitch attributes: mac-address-learning, aging-time - are such attributes sufficient to instantiate a new FD/FC objects. • MacFC could give a better overview - further clarifications <p>Agenda: 2020-09-30</p> <p>Discussion and agreement about the following proposal:</p> <ul style="list-style-type: none"> ▪ Link to email with the proposal <p>Discussion</p> <p>The following aspects are proposed to be decided by the 5G-xhaul subproject.</p> <ul style="list-style-type: none"> - The ForwardingDomain shall be interpreted as a Potential for Forwarding (e.g. SDH Matrix). [sko] Potential: something which allows the creation of "forwarding" based in the FD:LTP - The ForwardingConstruct shall be interpreted as an Actual Forwarding (e.g. Connection between two VC-12 endpoints at the SDH Matrix). [sko] Actual: configured Forwarding – check operational states and traffic flow - There might be 0 .. * ForwardingConstructs inside a ForwardingDomain. [sko] ok <p>Discussion on dependencies between LTPs, FD, FC and between the layers will continue...</p> <p>Agenda: 2020-10-07</p> <ul style="list-style-type: none"> ▪ Last week we started discussing a HUB presentation using FD and FCs: but there are several ways to represent a HUB: Depending on the chosen representation there are different consequences. ... (see attachment: link) |
|-------|-------------------------------------|-----------------|--|

Action items