

Planning Policy Briefing

openreach

Audience: Fibre Provision - NGA, Spine, Ethernet, FTTP, FTTC, etc.
Category: FoD & FTTP

A CBT must only be served from one SASA/Splitter

Introduction

This briefing is to remind all teams (planning & engineering) of the FTTP policy that each CBT must only be served from one SASA/Splitter module and must **not** be served from multiple SASA/Splitters.

What is the Issue?

Network reports have revealed that high numbers of CBTs have **not** been built to Network Policy.

[NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#) states that each CBT must only be fed from **only one SASA/Splitter module**.

Analysis has revealed that SASA/Splitter's have been changed in-life following Customer Ready For Service (CRFS) and outputs from a 2nd SASA/Splitter have been added to a CBT.

We have identified that extra CBT Ports are added following build to the wrong SASA to add additional CBT Ports for premises missed in the original survey. Issues have also occurred when the build has been completed incorrectly.

This has a knock on effect to all remaining customers on that CBT.

This practise is non-compliant with network policy and must cease immediately.

The Consequences of non-compliance

Where more than 1 SASA/Splitter has been used to provide service to a CBT it has caused several issues to the FTTP network. This includes recording, configuration and repair issues.

Operating Systems update

Systems are being updated to ensure that CBT's will be unable to accept service from a 2nd SASA/Splitter.

System analysis is being undertaken to identify engineers who have bypassed/recorded non-compliant CBT's.

When identified the owning engineering teams will be requested to return and provide a solution that is compliant with the policy stated in [NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#).

Issued by: Ada Hilton

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Why is this happening?

One reason why this may be happening is shown in the diagrams below.

The FTTP plan and build scheme has provided for the known identified THP as shown below. All premises have been allocated to a CBT with each CBT severed from one SASA/Splitter.

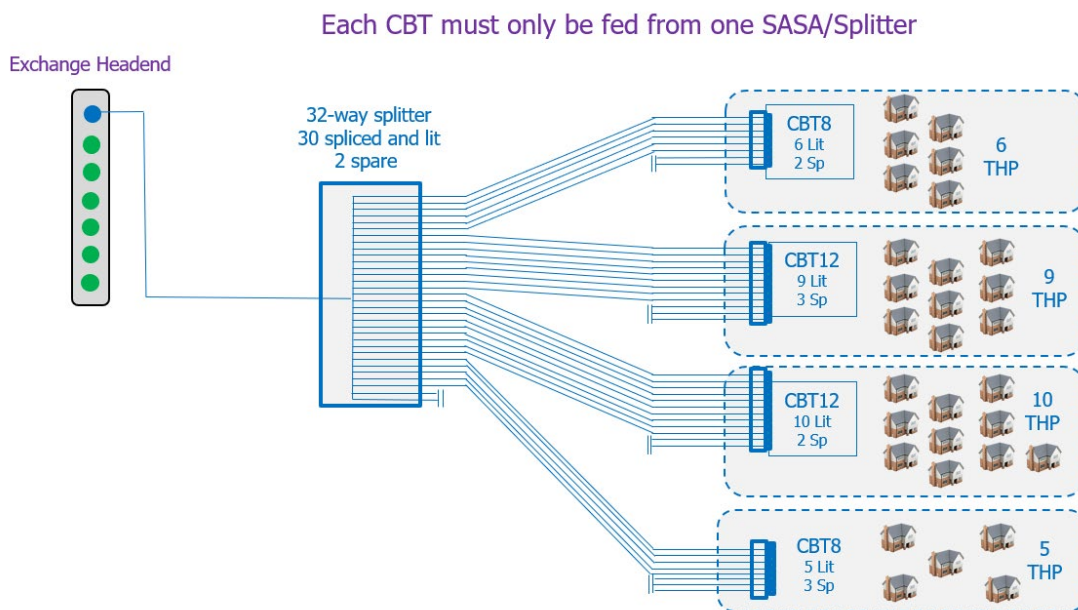
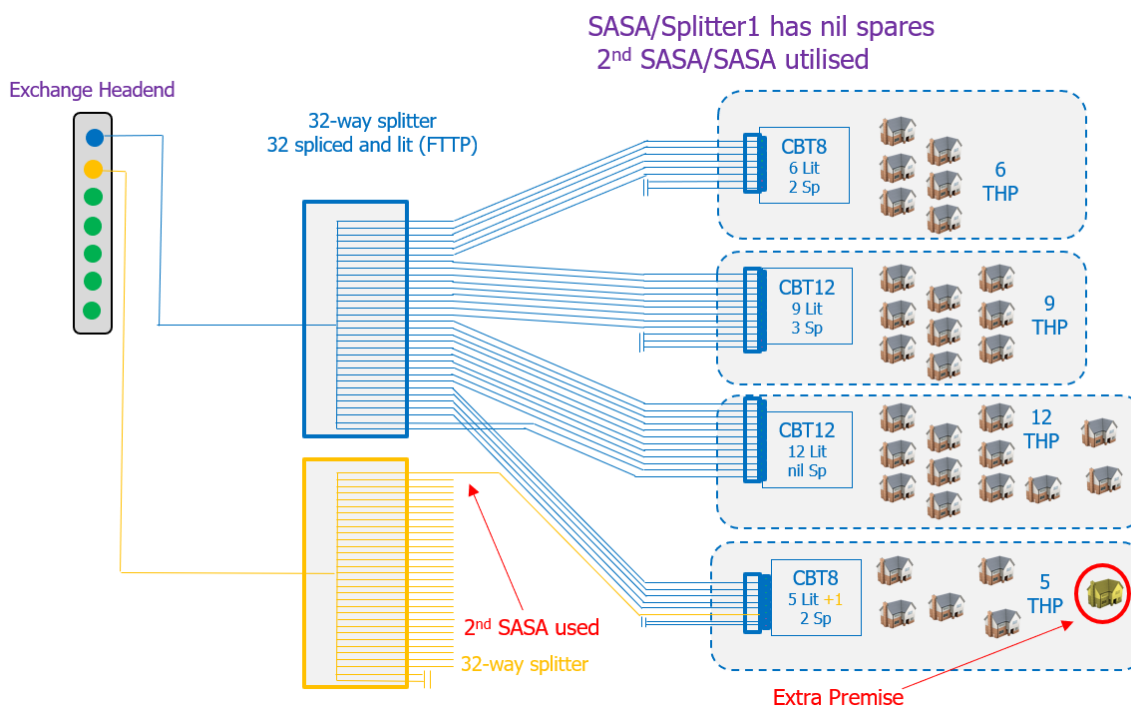


Diagram1 – Example of a correctly built SASA/Splitter to CBT network (above)

Additional premises have been added to CBT's and this has resulted in all outputs from the SASA/splitter being utilised.

Another new premise now requires service (shown below) and a non-compliant solution has utilised a spare output from the 2nd SASA/Splitter and provided connectivity to the existing spare port on the CBT.



During L2C easy fix, do not rearrange a fibre from one SASA to another SASA to provide service and sync the ONT light

Diagram 2 (Above) – Example of a **non-compliant** solution (above)

Where a new premise requires service and nil spares exist at the SASA/Splitter. The correct solution is shown below in diagram 3. A new CBT should be provided to allow connectivity to the customer from the next available SASA/Splitter outputs.

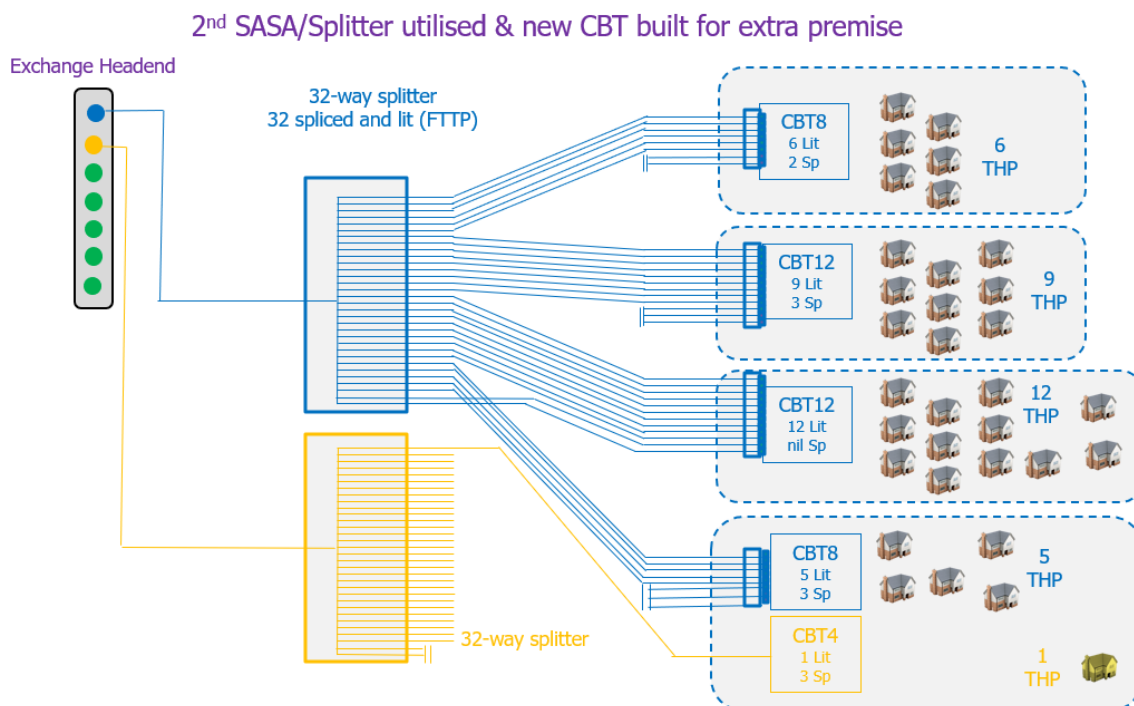


Diagram 3 – This shows a policy compliant solution. Please note that the new CBT can be located in a new position to help an easier L2C journey provision.

Historical issues

In the past there have been issues with the identification of SASA/Splitter output fibres where the correct colour coding for additional splitters was not followed. Where engineers encounter multiple SASA/Splitters of the same colour within a node, then great care should be taken to ensure the correct output fibre from a splitter is located.

Guidance on the correct SASA/Splitter to be used can be found in [EPT/COF/D945 - Installation Practices for the Universal Node 1A & TM Range of Fibre Nodes](#).

What you need to do to be compliant with Policy

Teams are reminded that they should always follow the policy stated in [NWK/LNK/C541 - FTTP - Brownfield - Scale Architecture - Policy](#)

- Engineers should never provide service to a CBT from a 2nd SASA/Splitter to resolve a fault or to complete a customer provision order. The issue should be furthered for a policy compliant solution to be arranged.

- if a SASA/Splitter to OLT light port does not match, then either fix in the field or request record changes via planning or the Tiger team.
- During L2C easy fix, **do not** rearrange a fibre from one SASA to another SASA to provide service and sync the ONT light.
- To resolve the situation **all fibres** serving the CBT will need to be rearranged to enable provision from 1 SASA/Splitter. Failure to do this will result in future orders from the CBT to be provisioned successfully.
- A toggle test should be performed for every SASA/Splitter to prove it is mapping to the correct OLT port light as per the job pack.
- Commissioning of a CBT without a SASA/Splitter toggle ON/OFF record on TADDS is not permissible.
- Field teams should not submit Line Loss Records directly to the commissioning team. This should always be done via TADDS.

NO record on TADDS equals NO RFS of a splitter

Commissioning

Commissioning should **never** be completed on a CBT/premise where it is identified that the CBT/Premise has been served by a 2nd SASA/Splitter.

Where non-compliance of this policy has been identified the FTTP build team responsible for the non-compliance will be required to return and provide a policy compliant solution.

Further advice and support

Further advice and support is available from:

Ada Hilton

Network Policy Consultant

07918 740495

Ada.hilton@openreach.co.uk

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