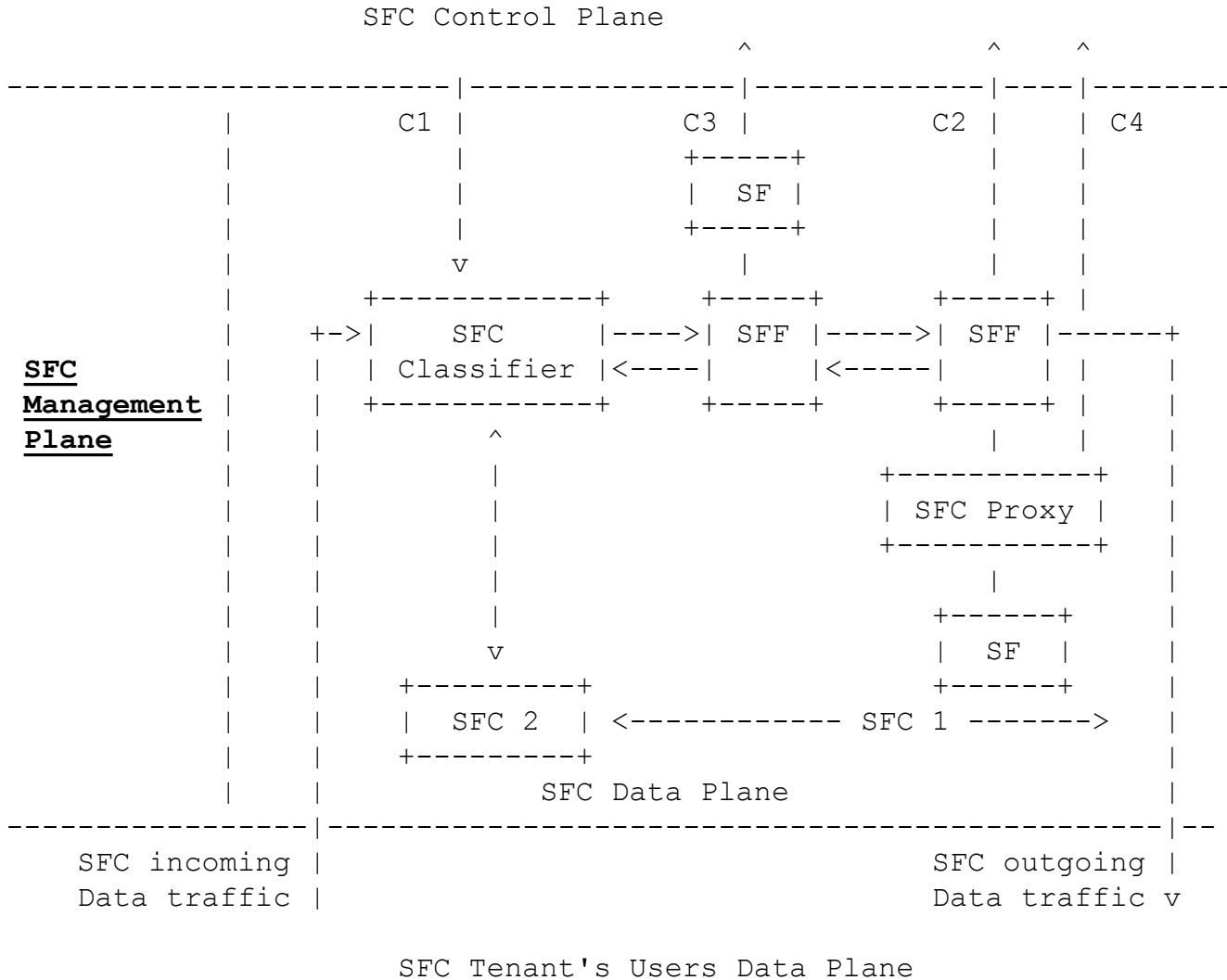


# SFC environment Security requirements

`draft-mglt-sfc-security-environment-req-02.txt`

Migault, Pignataro, Reddy, Inacio

# Overview: SFC architecture



# Overview SFC Architecture

SFC architecture is composed 4 planed:

1. SFC Management Plane
2. Control Plane [I-D.ietf-sfc-control-plane]
3. SFC Data Plane
4. SFC Tenant's Users Data Plane

# Goal of the document

The purpose of the document is to:

1. Describe the security impact of each plane in the SFC architecture
2. Threat analysis for attack performed from each plan
3. Provide requirements/recommendations to limig the threats an deploy securely an SFC environment

# Requirements / recommendations

Recommendations aims at:

1. Isolation the various planes
2. Mitigating attack performed from or targetting the SFC Data Plane

Note:

- Management and Control Plane are addressed in [I-D.ietf-sfc-control-plane]
- SFC Tenant's Users Data Plane is out of control of the administrator of the SFC.

# Status

Version 2 integrates comments received from Martin

Before we move forward, we need to understand how the working group wants to address security aspects of SFC.

Thank You