|  |
| --- |
| Chapter 7.5.5 QoS policy-specific attributes |
| Date: 2017-12-12 |
| **Authors:**  |
| Name  | Affiliation  | Phone  | Email  |
| Max Riegel | Nokia |  | maximilian.riegel@nokia.com |
|  |  |  |  |
|  |  |  |  |
| **Notice:**This document does not represent the agreed view of the OmniRAN TG It represents only the views of the participants listed in the ‘Authors:’ field above. It is offered as a basis for discussion. It is not binding on the contributor, who reserve the right to add, amend or withdraw material contained herein.  |
| **Copyright policy:**The contributor is familiar with the IEEE-SA Copyright Policy <<http://standards.ieee.org/IPR/copyrightpolicy.html>>.  |
| **Patent policy:** The contributor is familiar with the IEEE-SA Patent Policy and Procedures:<[http://standards.ieee.org/guides/bylaws/sect6-7.html#6](http://standards.ieee.org/guides/bylaws/sect6-7.html)> and <[http://standards.ieee.org/guides/opman/sect6.html#6.3](http://standards.ieee.org/guides/opman/sect6.html)>. |

Abstract

This document proposes a revision to the chapter 7.6.5

* Alignment of content with chapter 8.1.1

# Functional Decomposition and Design

## QoS policy control

### QoS policy control-specific attributes

#### Service flow

QoS policy control defines and deals with service flows. A service flow is defined through:

* {1} ServiceFlow-ID: Unique identifier
* {1} SFConfig: Configuration parameters of service flow, such as, e.g.:
	+ Datagram filter
	+ Priority
	+ Bandwidth
	+ Delay
	+ Jitter
* {1}SessionKey: Unique session credential
* {1} DP-ID: Related DataPath-ID

#### NA

* {0+} SFParams: Service flow configuration parameters

#### BH

* {0+} SFParams: Service flow configuration parameters

#### SS

* {1} ServiceProvider-ID: FQDN
* {1} SFSpec: Service flow parameters
* {1} PolicyRules: Policing rules, such as e.g.:
	+ Traffic specification
	+ Priority
	+ Usage limits (time, volume)

### QoS policy control-specific basic functions