UNIVERSITÀ
DI TRENTO

Department of Information Engineering and Computer Science

Bachelor's Degree in
Information and Communications Engineering

Final Dissertation

Machine Learning for Virtualized-Network Intrusion Detection System

DRAFT

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Student

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Academic year 2020/21

Abstract

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Keywords

- Keyword 1
- Keyword 2
- Keyword 3
- Keyword 4
- Keyword 5

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1 | Introduction

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1.1 First section

This is very interesting: [2]. Also this [4], this [1], and this [3].

</> Implementation

```
from flask import Flask, render_template, url_for

app = Flask(__name__)

@app.route('/')
def login():
    return render_template('login.html')
```

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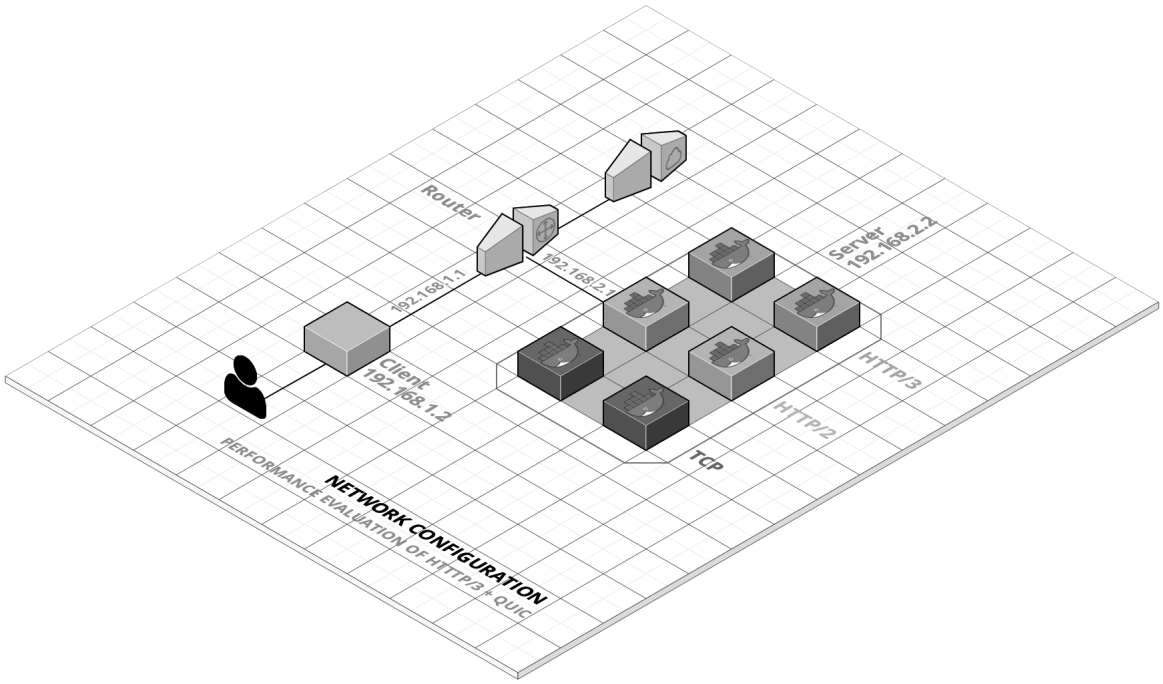

Figure 1.1: Network diagram used in the 2nd project work

2 | State of the Art

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2.1 Second section

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3 | Methodology

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4 | Results

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5 | Conclusions

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Bibliography

[1] Ict business. http://www.ictbusiness.it/. last access 15/06/2015.

[2] Dollimore J. e Kindberg T Coulouris G. F. *Distributed Systems: concepts and Design.* Addison-Wesley, second edition edition, 1994.

[3] Triggs B. Dalal N. Histograms of oriented gradients for human detection. In *Computer Vision and Pattern Recognition (CVPR)*, pages 886–893, San Diego, USA, 20-26 June 2005.

[4] Donoho D. L. Compressed sensing. *IEEE Trans. Inf. Theory*, 52(4):1289–1306, 2006.

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A | Abbreviations

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