



Network Security and Cryptography (CSN09112)

Towards the complete understanding of every element of secure systems



Introduction

Module Overview

Timetable

vSoC 2

Prof Bill Buchanan OBE, FRSE

<https://asecuritysite.com>



& cyber
& data

& crypto
& data



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Professor Bill Buchanan OBE.

Twitter: @billatnapier

Web: asecuritysite.com



Sana Ullah Jan

Bob



Alice



Eve



Trent





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2	13 Sept 2024	1. Introduction [Link] 2. Intrusion Detection Systems [Link]	Network Security Lab 1
3	26 Sept 2024	3. Network Security [Link]	Network Security Lab 2
4	3 Oct 2024	4. Ciphers and Fundamentals [Link]	AWS Security and Server Infrastructure Lab 3
5	10 Oct 2024	5. Secret Key 6. Hashing [Link]	Symmetric Key and Hashing Lab 4
6	17 Oct 2024	7. Public Key [Link] 8. Key Exchange [Link]	Public Key and Key Exchange Lab 5
7	24 Oct 2024	Reading week	Reading week
8	31 Oct 2024	9. Digital Certificates	Certificates Lab 6
9	7 Nov 2024	Test 1 here	
10	14 Nov 2024	10 Network Forensics here	Network Forensics Lab 7
11	21 Nov 2024	11. Splunk here	Splunk Lab Lab 8
12	28 Nov 2024	13. Tunnelling Here	Tunnelling Lab 9
13	5 Dec 2024	14. Blockchain and Cryptocurrencies here	Blockchain Lab.
14	12 Dec 2024		
15	19 Dec 2024	Hand-in: TBC [Here]	

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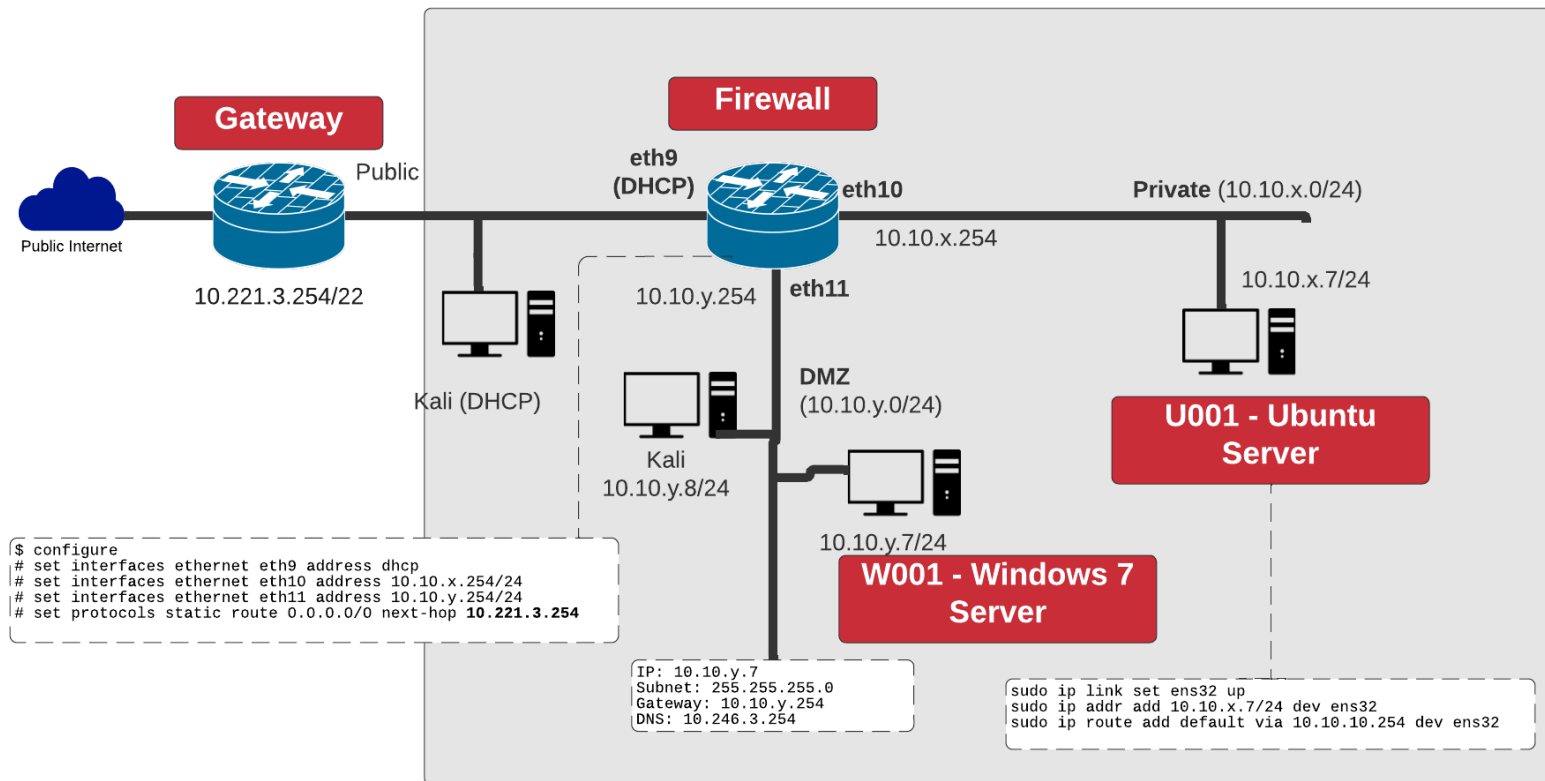
git clone <https://github.com/billbuchanan/csn09112>



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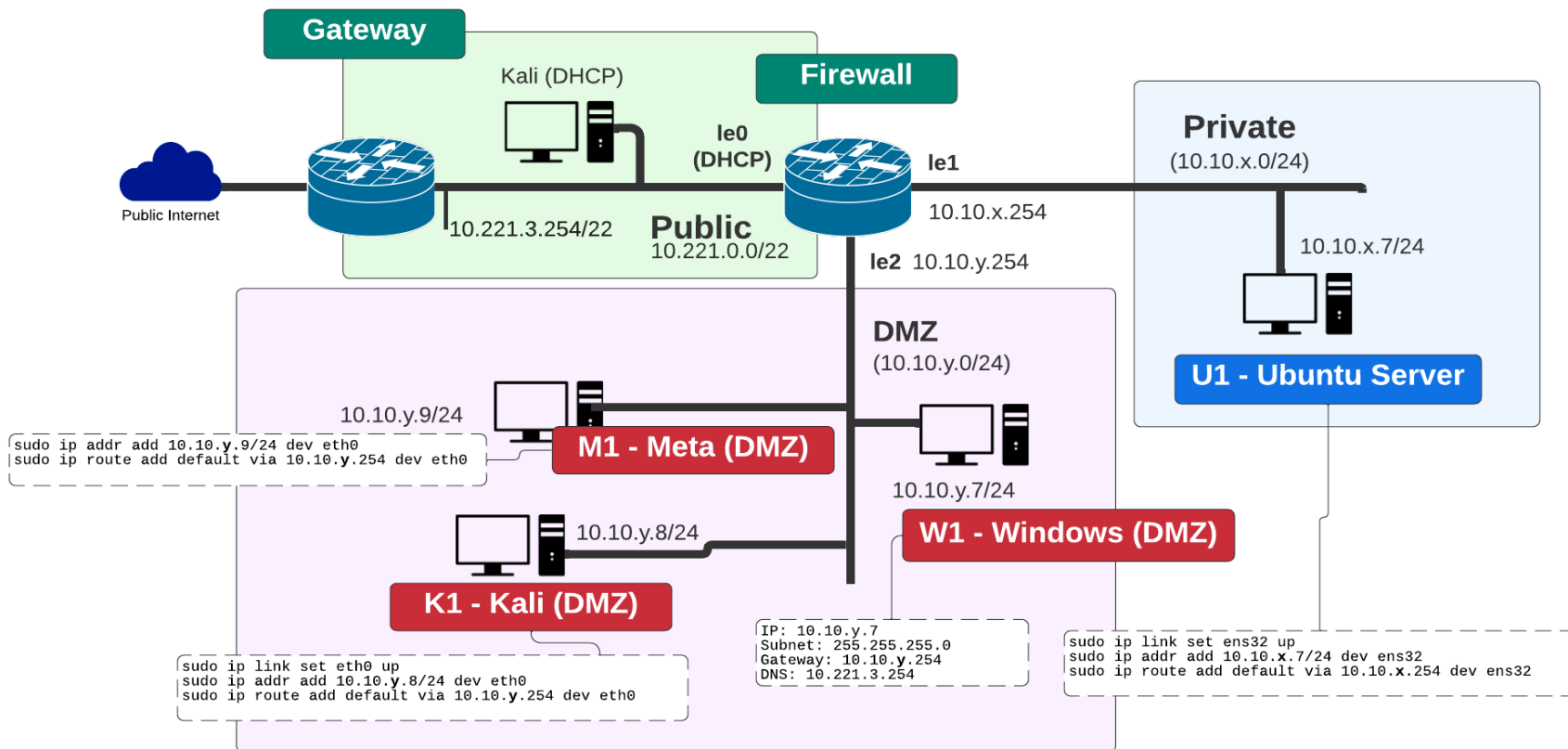




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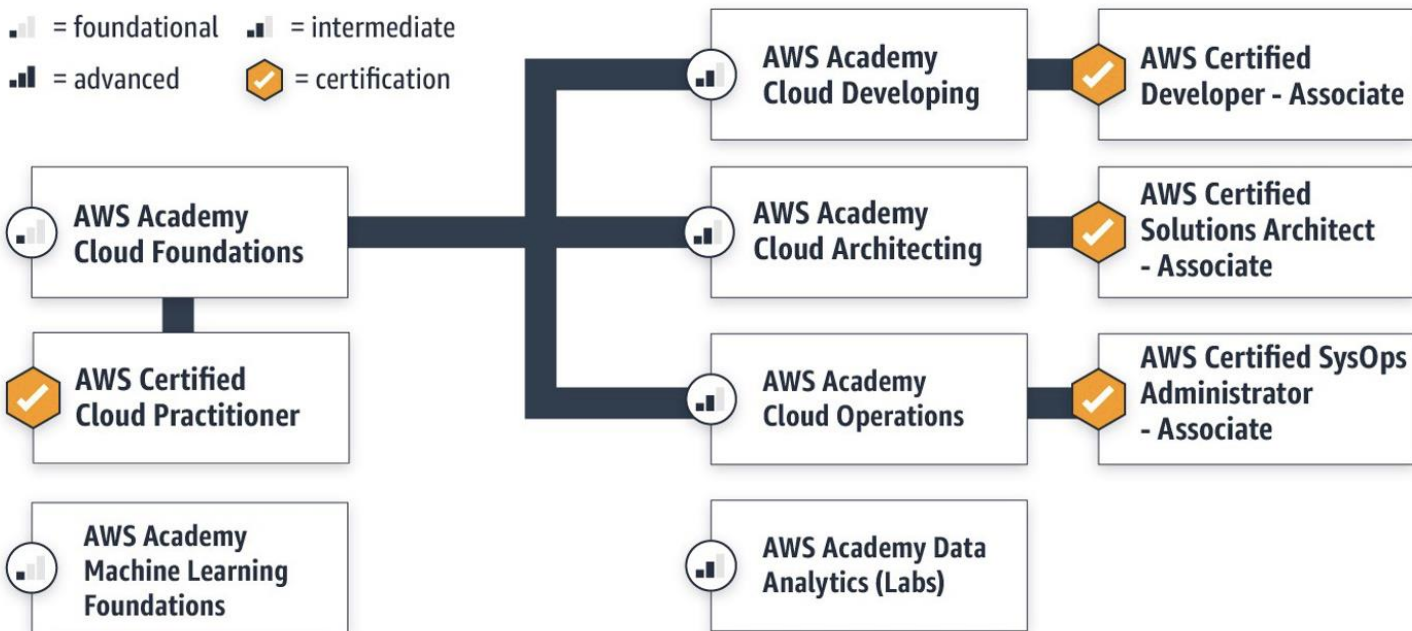


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■ = foundational ■ = intermediate
■ = advanced ✓ = certification





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