

Task 8 Complete Student Package

Task Overview

Task 8 is a high value domestic network design project. You will choose a real house listing from realestate.com.au, use its floorplan as your design context, and create a professional network design package using UniFi Design Center.

What The Task Assesses

- network hardware functions
- LAN, WAN and PAN distinctions
- client-server and peer-to-peer technologies
- star topology
- transmission media
- email protocols
- internet security methods
- malware risks
- network diagram conventions
- practical design justification using a real floorplan

Scenario Summary

Your client wants a reliable and secure premium home network. The network should support whole-home Wi-Fi, high-demand wired devices, home office use, smart home devices, guest access and secure management of household data.

Mark Allocation

Criterion	Marks
Property selection and requirements analysis	6
UniFi floorplan design and logical topology	12
Hardware, network type and transmission-media decisions	8
Protocols, security and malware response	8
Justification, communication and submission quality	6
Total	**40**

Required Evidence

Submit:

1. property source record
2. UniFi floorplan and coverage evidence
3. logical topology section
4. hardware and transmission-media recommendations
5. protocol, security and malware response
6. final justification
7. final checklist

Submission

Use this naming pattern:

CSCGT_Task8_2026_Surname_FirstName

Do not publish the real estate floorplan or address outside your assessment submission.