**Networking (Advocate: Mike Watkins)**

**P1 Discuss the benefits and constraints of different network types and standards.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#networks-and-standards> |
| In this link I have described the different types of networks and standards with benefits and constraints. |

**P2 Explain the impact of network topology, communication and bandwidth requirements.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#network-topology>  <https://github.com/kap14275819/Networking/blob/master/README.md#network-communication>  <https://github.com/kap14275819/Networking/blob/master/README.md#network-bandwidth> |
| In these links I will explain the impacts on network topology, communication and bandwidth based on their requirements. |

**P3 Discuss the operating principles of networking devices and server types.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#operating-principles-of-networking> |
| In this link I have discussed the types of operating principles that are used for networking devices and server types |

**P4 Discuss the interdependence of workstation hardware with relevant networking software.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#interdependence-of-workstation-hardware> |
| In this link I have shown the interdependence of workstation hardware that is then relevant with networking software. |

**P5 Design a networked system to meet a given specification.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#network-design> |
| This link shows a designed network that was made to meet a given specification |

**P6 Test and evaluate the design to meet the requirements and analyse user feedback.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#evaluation-of-network-design> |
| This link shows the test and the evaluation of the network design that has met the requirements and user feedback. |

**P7 Implement a networked system based on a prepared design.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#implemented-system-and-justification> |
| In this link it shows an implemented network system that is based on a prepared design |

**P8 Document and analyse test results against expected results.**

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| <https://github.com/kap14275819/Networking/blob/master/README.md#network-test-results> |
| Within this link it explains the analysis between the test results against the expected results. |

**M1 Compare common networking principles and how protocols enable the effectiveness of networked systems.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**M2 Explore a range of server types and justify the selection of a server, considering a given scenario regarding cost and performance optimisation.**

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| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**M3 Install and configure network services and applications on your choice.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**M4 Recommend potential enhancements for the networked systems.**

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| Please use this section to provide all appropriate, valid and checked http Links that point to your evidence; use multiple lines to separate multiple links |
| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |

**D1 Considering a given scenario, identify the topology protocol selected for the efficient utilisation of a networking system.**

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**D2 Design a maintenance schedule to support the networked system.**

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**D3 Use critical reflection to evaluate own work and justify valid conclusions.**

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| Please provide a short (between 3 to 8 well considered, fully proofread and reflected sentences) explanation that justifies why the evidence/links you have provided is suitable as evidence of this requirement |