

Overview

This sub-discipline Network Planning (901) is concerned with the competencies required for network planning in order to ensure that the business has a resilient information systems network infrastructure so that data may be passed in a timely manner to support service provision.

Network infrastructure is comprised of the necessary hardware and software components that are necessary to establish any kind of network over any type of transmission medium which will support the provision of IT services, systems and assets. This requires not only technical knowledge of individual hardware and software network products and services (or any combination of these) but also the architectural principles, standards and protocols that must be applied within the development of the infrastructure.

Individuals working within this area should have a broad knowledge of all aspects of networking in order to develop plans for the development of network infrastructure services that take into consideration all areas that may affect the business.

Working in the lead professional network planning role (9016) is primarily focussed on leading the development of the network infrastructure planning capability and strategy

Performance criteria

You must be able to:

1. develop the network planning strategy and policies relating to all aspects of network infrastructure planning activities in line with organisational requirements
2. direct a team of network planners to deliver network infrastructure plans in line with organisational requirements
3. identify relevant implications for the organisations operational effectiveness, brand and reputation that may result from inadequate network infrastructure planning
4. conduct network infrastructure planning skills and training needs analysis to meet organisational requirements
5. train the network planning team to be proficient in the application of network planning tools and methods
6. provide accurate regular and ad hoc reports on the status of network plans in line with organisational standards
7. develop effective network planning management processes including appropriate policies, standards, and metrics
8. lead appropriate investment improvements of underlying network planning infrastructure services to meet organisational requirements

Knowledge and understanding

You need to know and understand:

1. how to develop a network planning strategy
2. the range of network planning tools within the organisation and how to use them
3. the latest developments in network planning methods and tools
4. how to create network infrastructure services planning quality framework and metrics
5. how to optimise the network planning process
6. the impact that network planning has on organisational service offerings
7. how to develop and conducting appropriate internal training
8. the broad network infrastructure needs of the organisation
9. how to make an investment proposal relating to network infrastructure services
10. how to communicate the network planning strategy to stakeholders
11. how to review the network planning capability
12. how to develop a sustainable network planning capability for future project



Lead the Network Infrastructure Services Planning Capability and Strategy

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