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| Learner stage | What I should know, understand, be able to explain or do |
| Exceptional Mastery (E) | I know several types of network topologies, what they look like and advantages and disadvantages of each as well as what environment you would use them in.I can explain several types of cyber-attacks and how to prevent them.I understand how network various network protocols such as DNS, HTTP/S, TCP IP and ETHERNET are used to communicate on the internet. |
| Advancing mastery (A) | I know several types of network topologies, what they look like and advantages and disadvantages of each.I know what the internet and world wide web is and why they are distinctly different.I know several types of cyber attack |
| Secure mastery (S) | I know several types of network topologies and what they look like.I know what the internet and world wide web is.I know the difference between a wired and wireless network and their pros and cons.I understand that the internet is a ‘network of networks’. |
| Developing mastery (D) | I know several types of network topologies.I can identify several types of networking hardware and explain what they do.I know the difference between a wired and wireless network. |
| Emerging mastery (F) | I know that the internet is connected together using fibre optic cables and satellites.I know what is meant by ‘network topology’.I understand what a network is. |