

Essay 4

Security and Management of Information Systems

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1 Conceptual Map

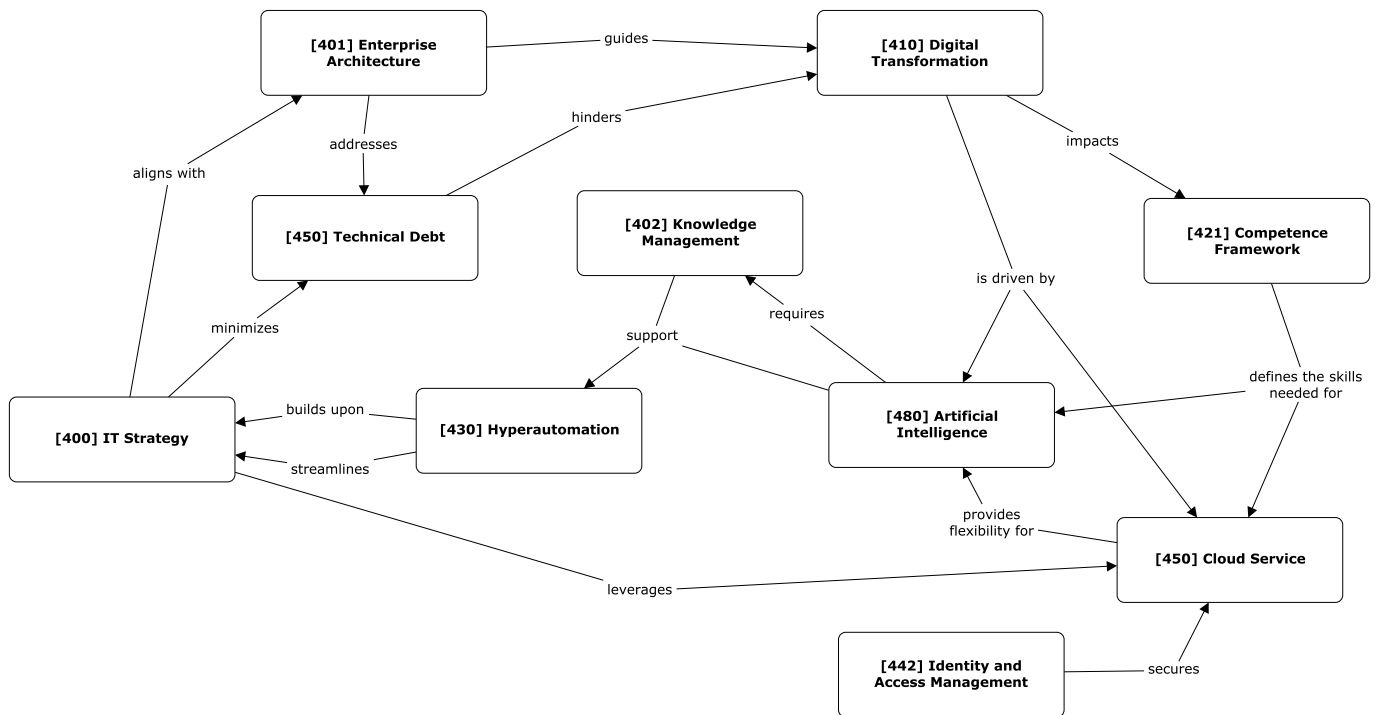


Figure 1: Conceptual Map

[401] **Enterprise Architecture** guides [410] **Digital Transformation**, addressing [450] **Technical Debt** and aligning with [400] **IT Strategy**, which leverages [450] **Cloud Services** to minimize [450] **Technical Debt**. [450] **Technical Debt** hinders [410] **Digital Transformation**, which is driven by [480] **Artificial Intelligence** and [450] **Cloud Services**. [450] **Cloud Services** provides flexibility to [480] **AI** usage and both impact [421] **Competence Frameworks**. These frameworks define skills needed for [450] **Cloud Services** and [480] **AI**. Additionally, [442] **Identity and Access Management** secure [450] **Cloud Services**, while [480] **AI** requires robust [402] **Knowledge Management**. Both [480] **AI** and [402] **Knowledge Management** support [430] **Hyperautomation**, streamlining [400] **IT Strategy**.