

## **Comparing models of offensive cyber operations Comparing models of offensive cyber operations**

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### **Abstract:**

Based on the idea that offensive cyber operations should be studied and merge from the darkness in which they typically hide, Grant and his colleagues embarked on a research program to explore the potential answers to the question, " What resources would be needed by a Cyber Security Operations Centre in order to perform offensive cyber operations?". The analysis was performed, using as a springboard seven models of cyber-attack, and resulted in the development of what is described as a canonical model.

### **Keywords:**

Offensive cyber operations; Process models; Rational reconstructions; Canonical models; Structured analysis and design technique; SADT