

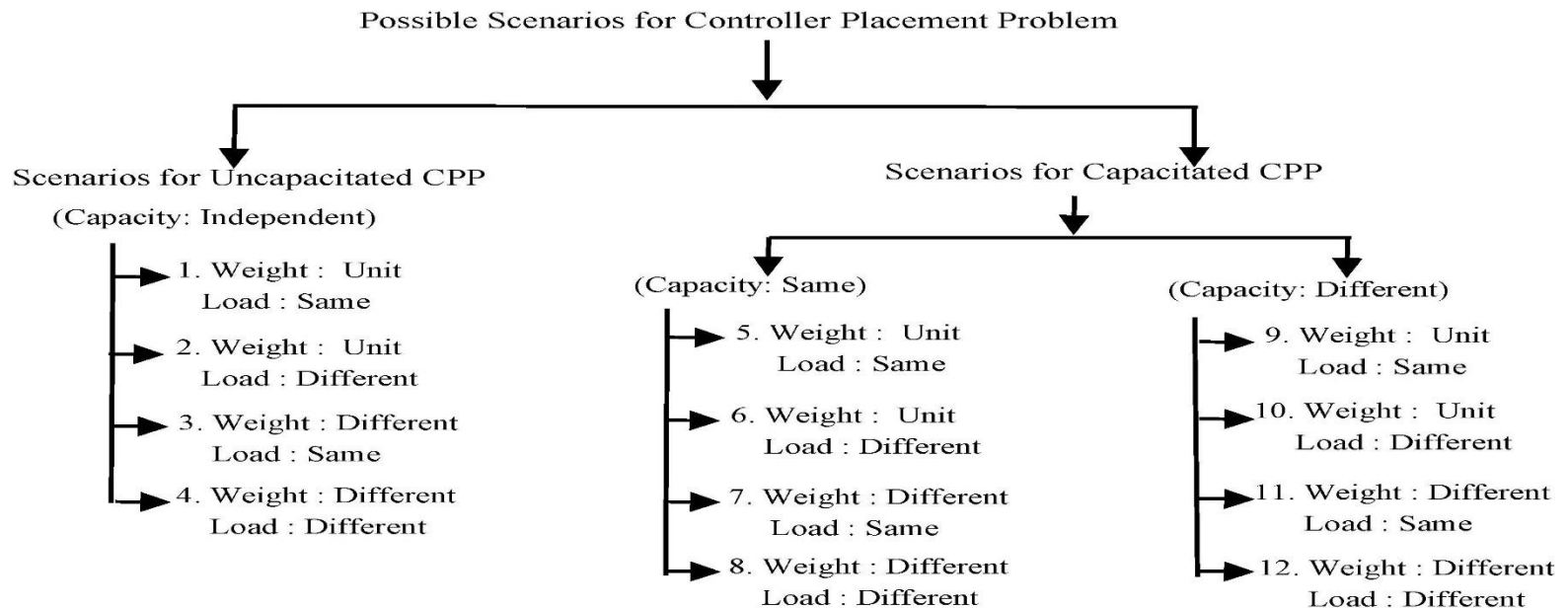
Varna-based optimization: a novel  
method for capacitated controller  
placement problem in SDN

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# Problems & Ideas

- Controller Placement Problem (CPP) in Software Defined Networking (SDN)
  - Capacitated CPP and Un-capacitated CPP
  - Clustering based CPP and Optimization based CPP
- Ideas: Varna-based optimization: A novel method for solving this problem.



# Main Contributions

- Comparison of clustering and optimization algorithms on CPP
- Weighted capacitated CPP by different optimization methods in Scenario 12 (Internet2 OS3E topology)
- Weighted capacitated CPP by different optimization methods in Scenario 12 (Savvis topology)

