

SCIENCES

Networks and Communications, Field Director – Guy Pujolle

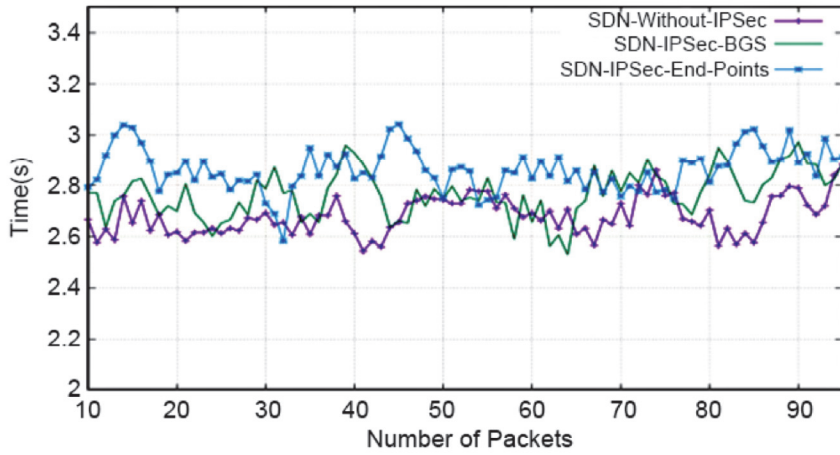
Network Management and Control, Subject Head – Francine Krief

Intelligent Network Management and Control

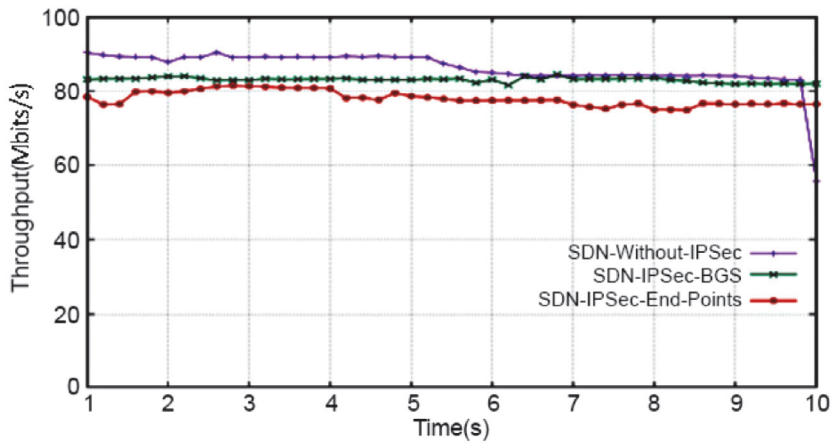
*Intelligent Security, Multi-criteria Optimization, Cloud
Computing, Internet of Vehicles, Intelligent Radio*

Coordinated by
Badr Benmammar

Color Section

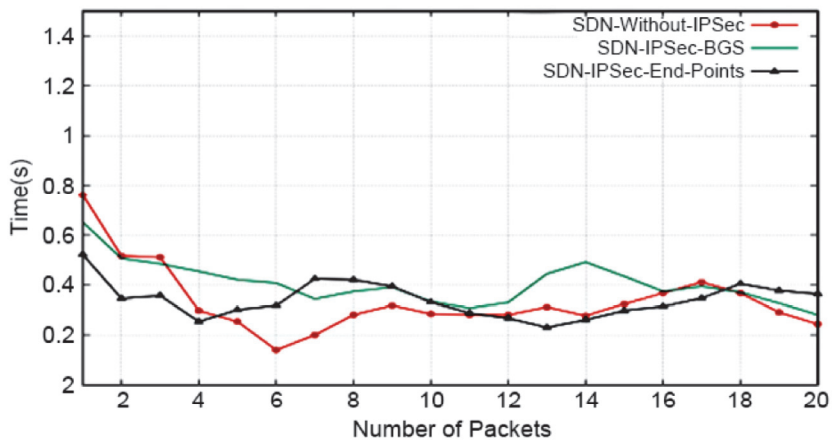


a) Performance in terms of delay

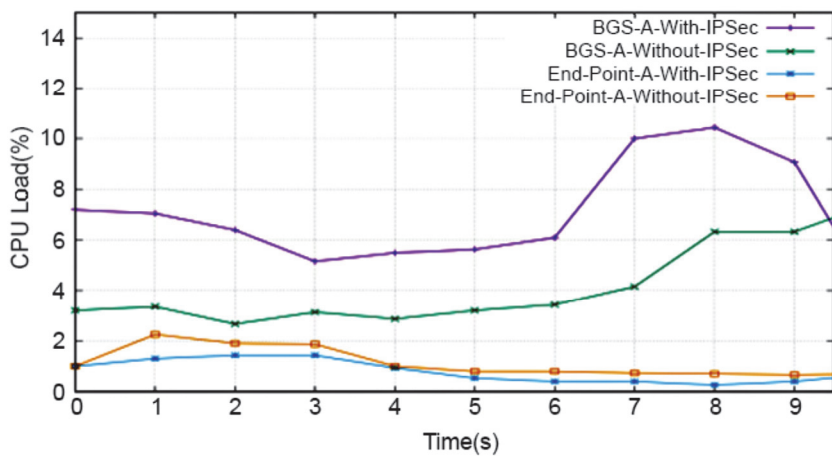


b) Performance of the SDN security service in terms of flow

Figure 2.7. (A) Performance of the deployment of IPSec security service on SDN.



c) Performance of the SDN security service in terms of jitter



d) Performance of the SDN security service in terms of CPU load

Figure 2.7. (B) Performance of the deployment of IPSec security service on SDN.

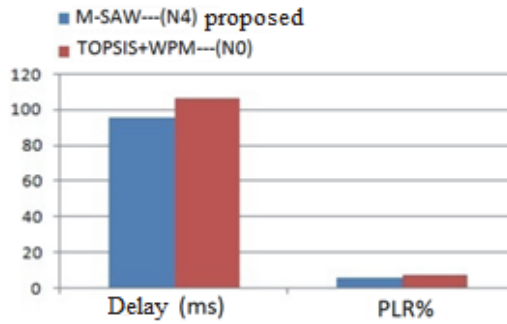


Figure 4.5. Delay and lost packets comparison for N(0) and N(4)

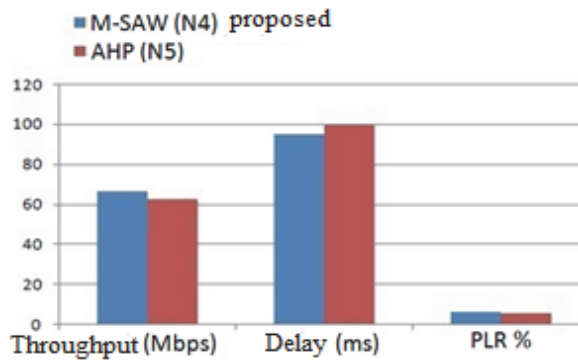


Figure 4.6. Throughput and delay comparison for N(5) and N(4)

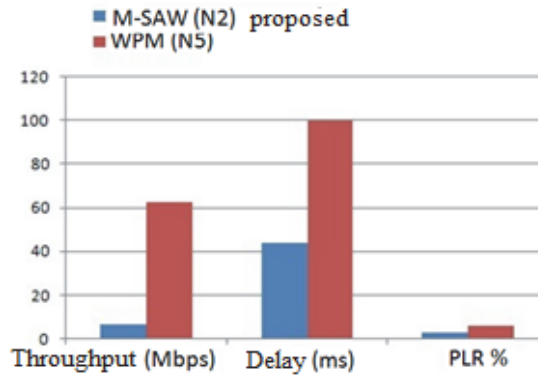


Figure 4.7. Comparison between $N(2)$ and $N(4)$

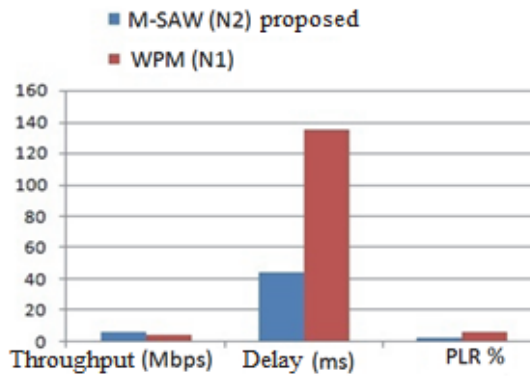


Figure 4.8. Comparison between $N(2)$ and $N(1)$

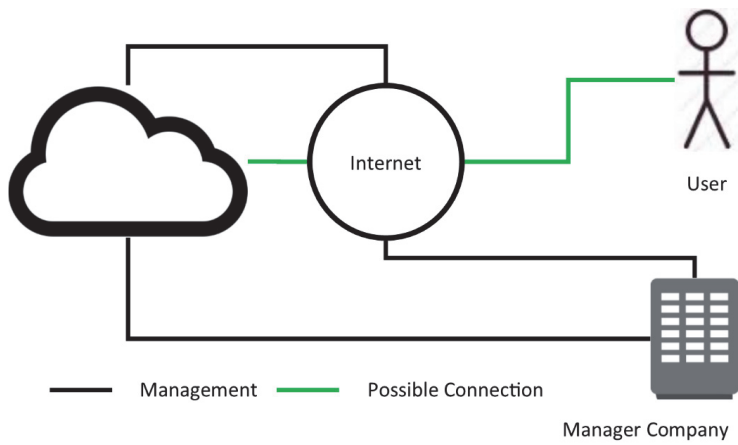


Figure 5.1. *Public deployment of cloud computing.*

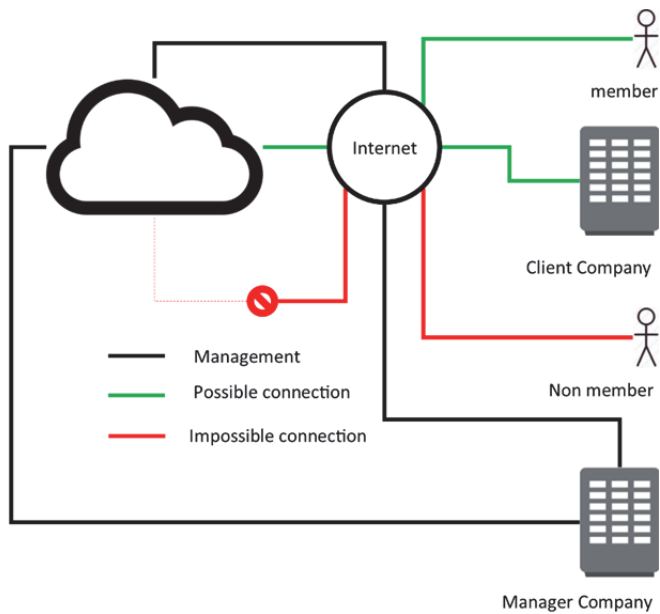


Figure 5.2. *Private deployment of cloud computing.*

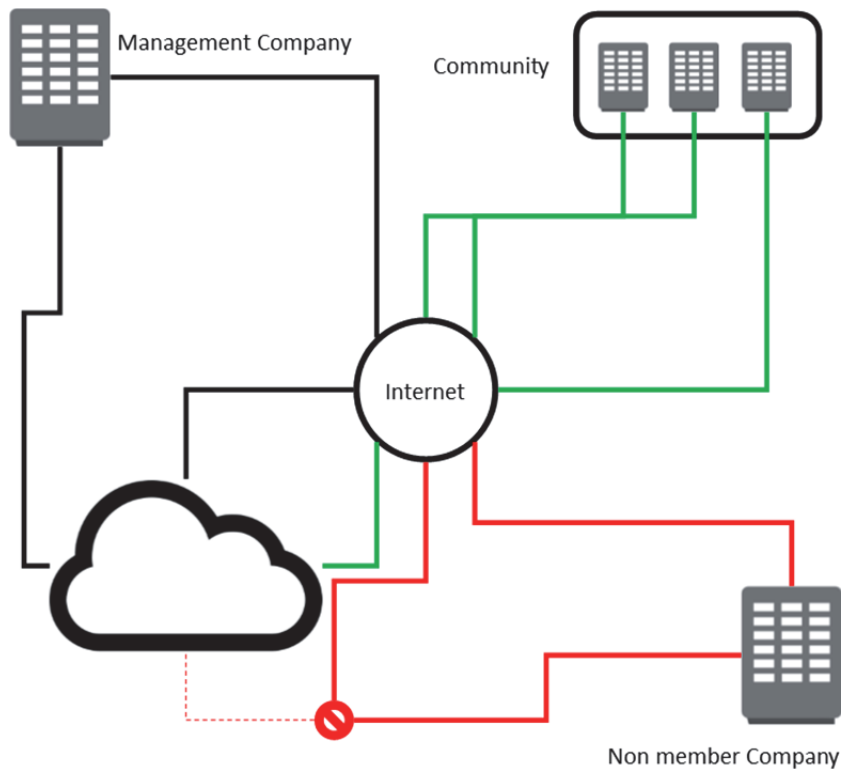


Figure 5.3. *Community deployment of cloud computing.*

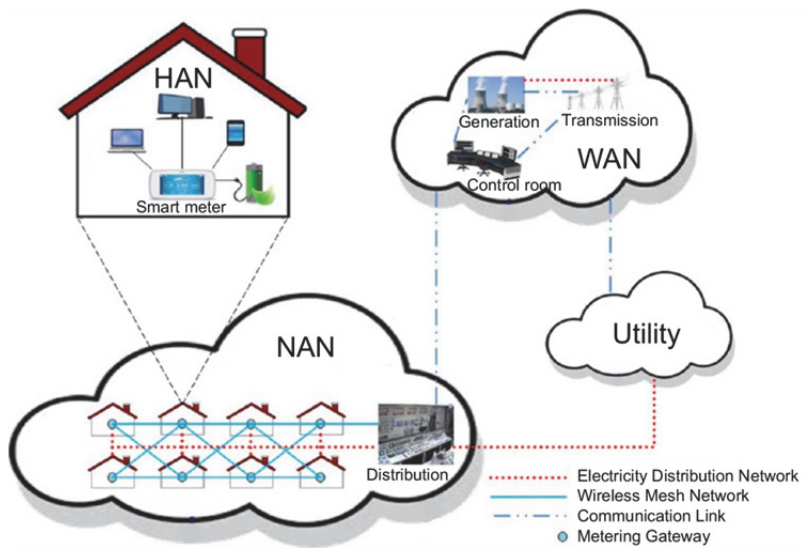


Figure 7.1. Smart grid network architecture²

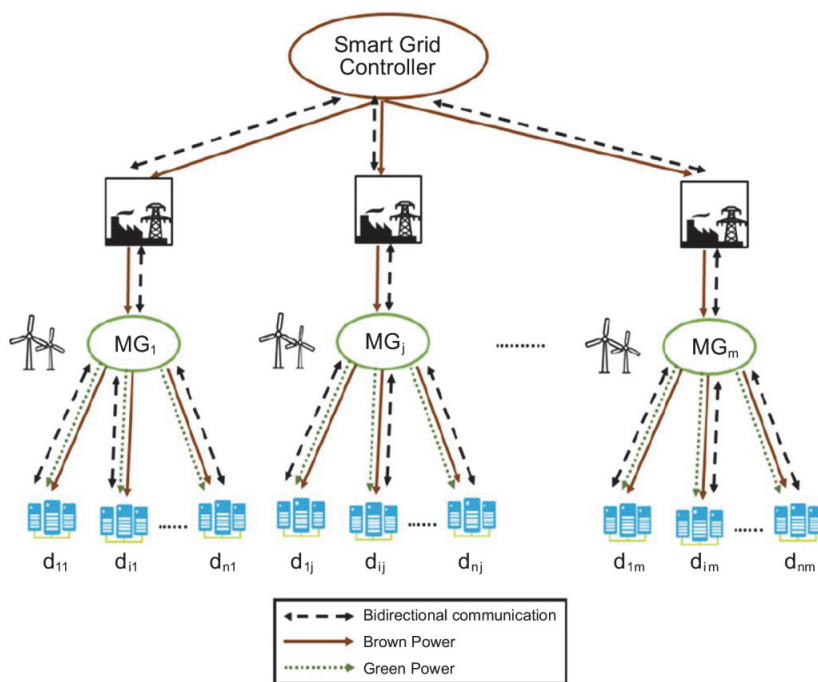


Figure 7.5. Example of smart micro-grid-cloud architecture