

IoT challenges

State of the art

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June 7, 2019

Outline

1. Introduction

2. First contribution

3. Conclusion

Context

What I am talking about ?

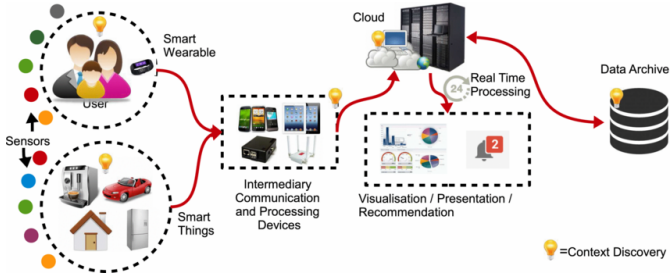


Figure 1: The IoT platform.

1. [1] Connect sensors to the gateway[1].
2. Connect the gateway to the infrastructure.
3. Store & Analyze sensors data[2].

[1] Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahfouz. " Software Defined Networking for Improved Wireless Sensor Network Management: A Survey ". In: 17.5 (May 4, 2017). 00053, p. 1031.

[2] Pascal Thubert, Maria Rita Palattella, and Thomas Engel. " 6TISCH Centralized Scheduling: When SDN Meet IoT ". In: 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 00033. Tokyo, Japan: Oct. 2015, pp. 42–47.

Problematic

Where is the problem ?

- ➡ lack of quantitative tools
- ➡ How to select the **best** access point

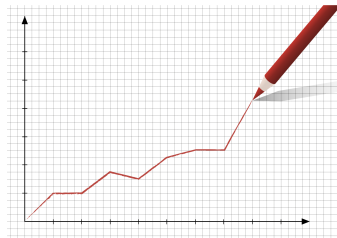


Figure 2: tets.

Motivations

Why should we deal with search problems ?

- 1.
2. QoS Analysis
3. Threats

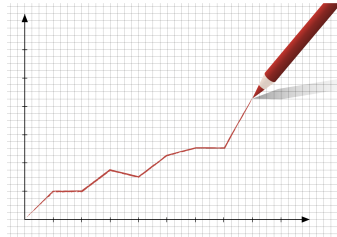


Figure 3: tets.

Goals

Is it specific, measurable, achievable, réalistic, for 3 years ?

1. Allow heterogeneous network to communicate
2. QoS Analysis
3. Threats

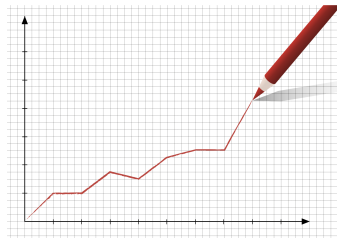


Figure 4: tets.

Challenges

Where is the difficulty ?

1. Challenge 1
2. Challenge 2
3. Challenge 3

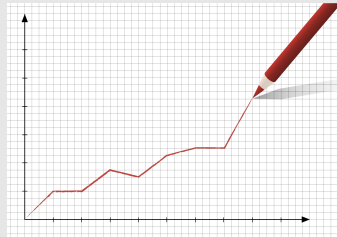


Figure 5: tets.

Contributions

How could be addressed ?

1. Contribution 1
2. Contribution 2
3. Contribution 3

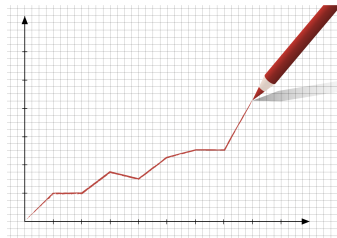


Figure 6: tets.

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1. Related work

2. Contagion process

3. Experimentation

4. Results exploitation

5. Conclusion

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Related work

Comparison

Paper	A1	A2	A3	A4

Table 1: An example table.

Related work

Comparison

Paper	A1	A2	A3	A4

Table 2: An example table.

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... (step 1)

Methods



... (step 2)

Methods



... (step 3)

Methods



... (step 4)

Methods



Results

Comparison

Table 3

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3. Experimentation

4. Results exploitation

5. Conclusion

Experimentation

Experimentation

➡ a

➡ b

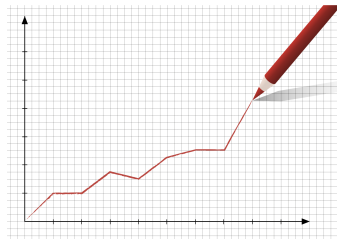


Figure 7: .

Outline

1. Introduction

2. First contribution

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1. Related work

2. Contagion process

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4. Results exploitation

5. Conclusion

Results

Comparison

➡ a

➡ b

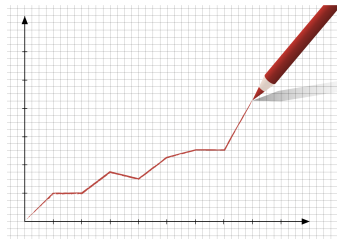


Figure 8: .

Outline

1. Introduction

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1. Related work

2. Contagion process

3. Experimentation

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5. Conclusion

Conclusion

➡ a

➡ b

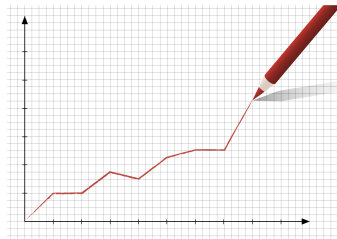


Figure 9: .

Outline

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Conclusion

Our main goal was



Our main contribution was



Our main results was



Future Challenges

Conclusion

Our future goal was



Future Challenges

Conclusion

Our future goal was



Thank you !

References

- [1] Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahfouz. " Software Defined Networking for Improved Wireless Sensor Network Management: A Survey ". In: 17.5 (May 4, 2017). 00053, p. 1031 (p. 3).
- [2] Pascal Thubert, Maria Rita Palattella, and Thomas Engel. " 6TISCH Centralized Scheduling: When SDN Meet IoT ". In: *2015 IEEE Conference on Standards for Communications and Networking (CSCN)*. 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 00033. Tokyo, Japan: Oct. 2015, pp. 42–47 (p. 3).