

IoT challenges

State of the art

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1. Good morning every one, ladies and gentlemen, distinguished guests and supervisors.
 - Thank you all for your presence.
 - ...
2. My name is DJOUDI Aghiles
 - I am a Phd student at Paris-est university and particularly at ESIEE school.
 - ...
3. My talk is gonna be on ...

Outline

- 1. Introduction
- 2. First contribution
- 3. Second contribution
- 4. Third contribution
- 5. Conclusion

Context

Introduction

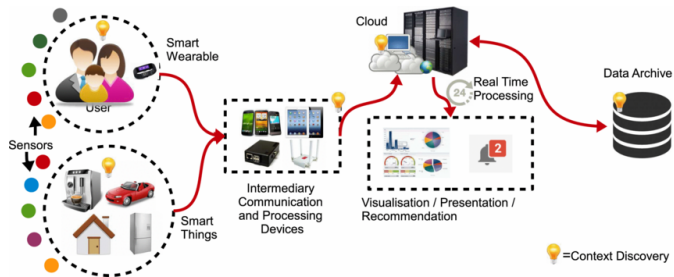


Figure 1: The IoT platform.

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). 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 00033. Tokyo, Japan: Oct. 2015, pp. 42–47.

Problematic

Where is the problem ?

➡ How to select the **best** access point

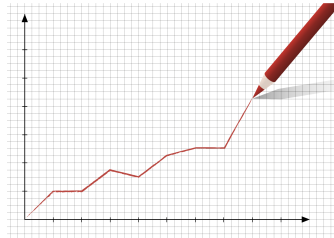


Figure 2: tets.

Motivations

Why should we fix these problems ?

- 1.
2. QoS Analysis
3. Threats

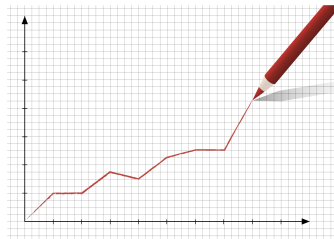


Figure 3: tets.

Goals

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

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

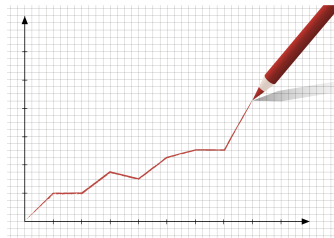


Figure 4: tets.

Challenges

Where is the difficulty ?

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

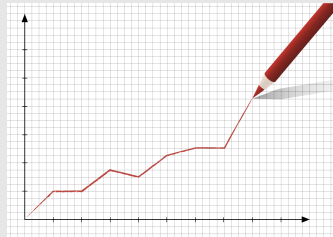


Figure 5: tets.

Contributions

How could be addressed ?

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

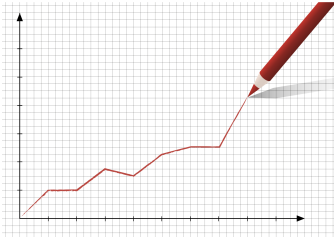


Figure 6: tets.

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 - 3. Experimentation
 - 4. Results exploitation
 - 5. Conclusion
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2. Contagion process

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4. Results exploitation

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Paper	A1	A2	A3	A4

Table 1: An example table.

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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Experimentation

Experimentation

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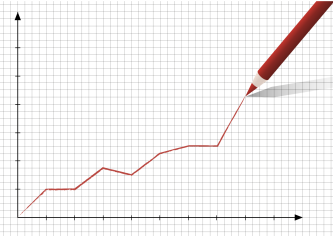


Figure 7: .

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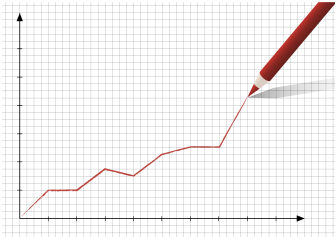


Figure 8: .

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Conclusion

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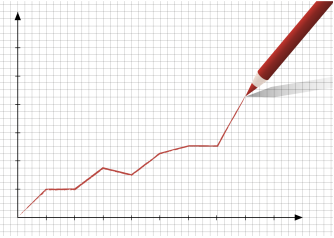


Figure 9: .

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Related work

Comparison

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Table 4: An example table.

Paper	A1	A2	A3	A4

Table 5: An example table.

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... (step 1)

Methods



... (step 2)

Methods



... (step 3)

Methods



... (step 4)

Methods



Table 6

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Experimentation

Experimentation

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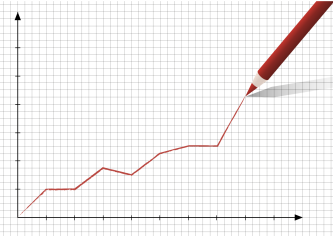


Figure 10: .

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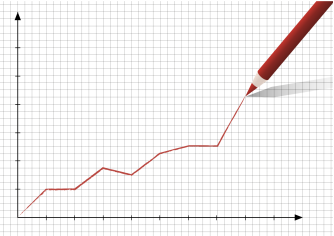


Figure 11: .

Outline

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Conclusion

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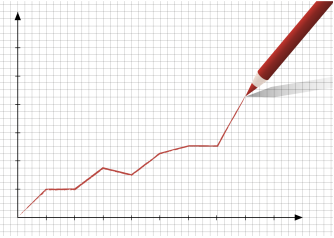


Figure 12: .

Outline

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Table 7: An example table.

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Table 8: An example table.

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... (step 1)

Methods



... (step 2)

Methods



... (step 3)

Methods



... (step 4)

Methods



Table 9

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Experimentation

Experimentation

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➡ b

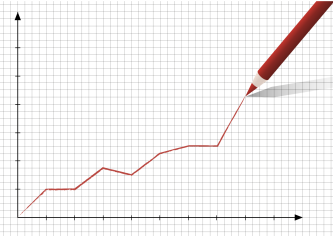


Figure 13: .

Outline

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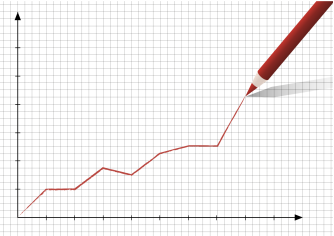


Figure 14: .

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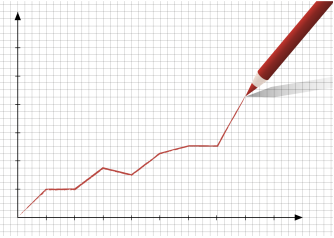


Figure 15: .

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-Mahtouz. " Software Defined Networking for Improved Wireless Sensor Network Management: A Survey ". In: 17.5 (May 4, 2017). 00053, p. 1031 (p. 4).

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