Title example

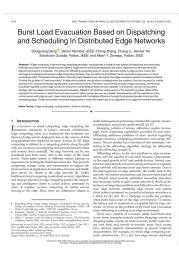
----subtitle here

your name

your institute
youremail@example.com

20xx 年 x 月 x 日

Paper Introduction Example



- S. Deng, C. Zhang, C. Li, J. Yin, S. Dustdar and A. Y. Zomaya, "Burst Load Evacuation Based on Dispatching and Scheduling In Distributed Edge Networks," in IEEE Transactions on Parallel and Distributed Systems, vol. 32, no. 8, pp. 1918-1932, 1 Aug. 2021, doi: 10.1109/TPDS.2021.3052236.
- Innovations
 - point one
 - point two

Contents

1 Text section

2 Image section



Contents

Text section

- 1 Text section
- 2 Image section



 Text section
 Image section
 References

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The reference exmaple

- The reference are used as follows:
 - In the article¹, the author proposed a new algorithm.
 - In order to do something, article² designed the example protocol.
 - Someone³ used the example algorithm to address the problem.

your name (SDU) beamer template 20xx 年 x 月 x 日 4 / 11

¹Kengo Sasaki, Satoshi Makido, and Akihiro Nakao. "Vehicle Control System for Cooperative Driving Coordinated Multi -Layered Edge Servers". In: 2018 IEEE 7th International Conference on Cloud Networking (CloudNet), 2018, pp. 1–7.

²Paolo Romano and Francesco Quaglia. "Design and Evaluation of a Parallel Invocation Protocol for Transactional Applications over the Web". In: IEEE Transactions on Computers 63.2 (2014), pp. 317–334.

 $^{^3}$ Xu Chen et al. "Efficient Multi-User Computation Offloading for Mobile-Edge Cloud Computing" . In: IEEE/ACM Transactions on Networking 24.5 (2016), pp. 2795–2808.

The example of formula reference

- The reference of formula is as follows:
 - $x = r_1, r_2 \dots r_N$, find the optimal solution:
 - thus the P2:

$$\mathcal{P}_2: \min_{x \in \mathcal{X}} \max(r_1, \dots, r_N) \tag{8}$$

- this is a random sentence:
 - $H = h : X \rightarrow Q$, where Q is the optimal solutions.
 - $S_0 = (x_0, y_0) \dots (x_U, y_U),$

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- 2 Image section



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The example of mixed text and image

- Item1
 - Item1.1 This is a randomly generated sentence
 - Item1.2 This is a randomly generated sentence
 - Item1.3 This is a randomly generated sentence
- Item2

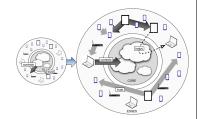


Figure 1: Centralized cloud model (left) versus Edge-centric Computing (right).

The example of combining formula and image

- index set of tasks as $\mathcal{N} \triangleq \{1, 2, \dots, N\}$
- the index set of edge servers as $\mathcal{M} \triangleq \{1, 2, \dots, M\}$
- We denote the indicator of a task latency in burst load as $I_i^{\dagger}(t)$. While $I_i^{\dagger}(t)=1$ means waiting.
 - The latency time of the ith task denoted as:

$$T_1^i = \sum_{i=0}^{n} I_i^{\dagger}(t), \tag{1}$$

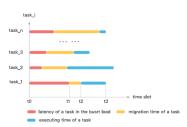
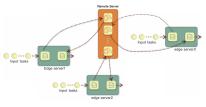
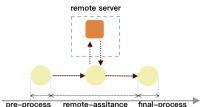


Figure 2: The flowchart of tasks when evacuation

The example of two images



(a) Task scheduling for executing and requesting



(b) Task processing sequence.

The example of single image

Algorithm 1. Optimal Routing for Task Dispatching (OPTD)

```
1: Generate the window size W, the initial solution size U, the
     parameter of routing selection \gamma

 Initial S<sub>0</sub> = {(x<sub>0</sub>, y<sub>0</sub>), . . . , (x<sub>U</sub>, y<sub>U</sub>)}, V<sub>t</sub> = ∅

 3: for t = 1 to T do
     (x_t, y_t) = (x_{min}, y_{min}), I_v = I, I_f = \emptyset
 5: for i = (t - 1) * W to t * W do
          if \lambda < \alpha then
          \tilde{x}_{t}^{i} = \lceil x_{t}^{i}/\gamma \rceil, I_{v} = I_{v} \setminus \{i\}, I_{f} = I_{f} \cup \{i\}
          else
            \tilde{x}_{t}^{i} = rand(1, |\mathcal{R}|)
10:
          end if
11: end for
12: \tilde{y_t} = c(\tilde{x_t})
13: if \tilde{y}_t < y_t then
          construct h_t from the updated I_v and I_f
15.
        else
          randomly choose i with the size of |I_f| to replace the
          elements in I_f, I_v = I \setminus I_f, construct h_t
       end if
18: \mathbf{for} t = 1 \text{ to } \mathcal{U} \mathbf{do}
          Sample x_h from h_t, y_h = c(x_h), V_t = V_t \cup (x_h, y_h)
       end for
20:
       y_{min} = \min\{y_h, y_t, \tilde{y}_t\}, (x_h, y_h) \in V_t
22: end for
23: return (x_{min}, y_{min})
```

Text section Image section References ooo ooo o

Reference

- [1] Kengo Sasaki, Satoshi Makido, and Akihiro Nakao.

 "Vehicle Control System for Cooperative Driving
 Coordinated Multi -Layered Edge Servers". In: 2018 IEEE
 7th International Conference on Cloud Networking
 (CloudNet). 2018, pp. 1–7.
- [2] Paolo Romano and Francesco Quaglia. "Design and Evaluation of a Parallel Invocation Protocol for Transactional Applications over the Web". In: IEEE Transactions on Computers 63.2 (2014), pp. 317–334.
- [3] Xu Chen et al. "Efficient Multi-User Computation Offloading for Mobile-Edge Cloud Computing". In: IEEE/ACM Transactions on Networking 24.5 (2016), pp. 2795–2808.

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Acknowledgement

thank y' all.