

# **PLDU: Per-core Lightweight Deffered Update for Linux Kenrel Scalability**

## **Abstract**

### **1 Introduction**

### **2 Background and related work**

#### **2.1 Linux Scalability**

#### **2.2 Locking**

#### **2.3 Non-Blocking algorithm**

#### **2.4 Concurrent Update**

### **3 LDU Algorithm**

### **4 Concurrent update for Linux kernel**

### **5 Implementation**

### **6 Evaluation and Discussion**

#### **6.1 Experimental setup**

#### **6.2 AIM7**

### **7 Conclusion**

### **8 Acknowledgments**

## **Notes**

<sup>1</sup>Remember to use endnotes, not footnotes!