

REFERENCES

- A. Weil, S. (2007). *Ceph: Reliable, Scalable, and High-Performance Distributed Storage*.
- Azginoglu, N., Eren, M. A., Çelik, M., & Aydin, Z. (2018). Ceph-based storage server application. *6th International Symposium on Digital Forensic and Security, ISDFS 2018 - Proceeding, 2018-Janua*, 1–4. <https://doi.org/10.1109/ISDFS.2018.8355391>
- Baier, J. (2017). Getting Started with Kubernetes. In *Coding*.
- Bhatia, G., Choudhary, A., & Dadheech, K. (2018). Behavioral Analysis of Docker Swarm Under DoS/ DDoS Attack. *2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)*, 985–991. <https://doi.org/10.1109/ICICCT.2018.8472953>
- Dewald, A., Luft, M., & Matthias, V. (2018). Incident Analysis And Forensics In Docker Environments. *Ernw*, 1–21.
- Docker Inc. (2019). Docker Official Documentation. Retrieved April 10, 2019, from <https://docs.docker.com/>
- Eder B., M., Kinkelin, H., & Netzarchitekturen, L. (2016). *Hypervisor-vs. Container-based Virtualization*. https://doi.org/10.2313/NET-2016-07-1_01
- Fowler, M., & Lewis, J. (2014). Microservices a definition of this new architectural term. *URL: Http://Martinfowler. Com/Articles/Microservices. Html*.
- Gregg, B. (2013). *Systems performance : enterprise and the cloud*. Prentice Hall.
- Gudu, D., Hardt, M., & Streit, A. (2015). Evaluating the performance and scalability of the Ceph distributed storage system. *Proceedings - 2014 IEEE International Conference on Big Data, IEEE Big Data 2014*, 177–182. <https://doi.org/10.1109/BigData.2014.7004229>
- International, K. (2017). *Journey to the cl oud The creative CIO Agenda*. Retrieved from https://home.kpmg/content/dam/kpmg/uk/pdf/2017/03/CRT079403A_the_creative_cios_agenda_journey_to_cloud.pdf
- Joy, A. M. (2015). Performance comparison between Linux containers and virtual machines. *2015 International Conference on Advances in Computer Engineering and Applications*, 342–346. <https://doi.org/10.1109/ICACEA.2015.7164727>
- Levy, E., & Silberschatz, A. (1990). Distributed file systems: concepts and examples. *ACM Computing Surveys*, 22(4), 321–374. <https://doi.org/10.1145/98163.98169>
- Maduranga, M. W. P., & Ragel, R. G. (2016). Comparison of load balancing methods for Raspberry-Pi Clustered Embedded Web Servers. *2016 International Computer Science and Engineering Conference (ICSEC)*, 1–4. <https://doi.org/10.1109/ICSEC.2016.7859875>
- Mehri, V. A. (2015). *An Investigation of CPU utilization relationship between host and guests in a Cloud infrastructure*. Retrieved from www.bth.se
- Meyer, S., & Morrison, J. P. (2016). Supporting Heterogeneous Pools in a Single Ceph Storage Cluster. *Proceedings - 17th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, SYNASC 2015*, 352–359. <https://doi.org/10.1109/SYNASC.2015.61>
- Portnoy, M. (2016). *Virtualization essentials*. Retrieved from <https://www.oreilly.com/library/view/virtualization-essentials-2nd/9781119267720/>

- Scarfone, K., Souppaya, M., & Hoffman, P. (2011). *Guide to Security for Full Virtualization Technologies*.
- Souppaya, M., Morello, J., & Scarfone, K. (2017). *NIST Special Publication 800-190 Application Container Security Guide*. <https://doi.org/10.6028/NIST.SP.800-190>
- Turnbull, J. (2014). *The Docker book*. James Turnbull.
- Turnbull, J., & Turnbull, J. (2016). *The Docker Book*. Retrieved from <https://lib.hpu.edu.vn/handle/123456789/21432>
- Wang, L., & Wen, Y. (2016). Design and implementation of ceph block device in userspace for container scenarios. *Proceedings - 2016 IEEE International Symposium on Computer, Consumer and Control, IS3C 2016*, 383–386. <https://doi.org/10.1109/IS3C.2016.105>
- Zhang, X., Gaddam, S., & Chronopoulos, A. T. (2016). Ceph Distributed File System Benchmarks on an Openstack Cloud. *Proceedings - 2015 IEEE International Conference on Cloud Computing in Emerging Markets, CCEM 2015*, 113–120. <https://doi.org/10.1109/CCEM.2015.12>