Formatting Submissions for a USENIX Conference: An (Incomplete) Example

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Abstract

The project entails deploying a robust web service securely and efficiently using Kubernetes (K8s) orchestration. This involves hosting Apache/Nginx servers housing an IP-to-Physical Address service and a weather service. Incorporating a multi-layered defense strategy, including honeypot mechanisms, and utilizing Sysdig for comprehensive logging ensures heightened security and real-time monitoring. Leveraging Kubernetes' scalability and resilience optimizes resource utilization and bolsters fault tolerance, facilitating seamless access and utilization of the critical web service with enhanced efficiency and reliability.

1 Introduction

intro goes here

2 Orchestration

This is a sample document, you next section should probably be "background" or "motivating example".

Footnotes should be places after punctuation characters, without any spaces between said characters and footnotes, like so.[1] And some embedded literal code may look as follows.

```
int main(int argc, char *argv[])
{
    return 0;
}
```

Now we're going to cite somebody. Watch for the cite tag. Here it comes. Arpachi-Dusseau and Arpachi-Dusseau co-authored an excellent OS book, which is also really funny [1], and Waldspurger got into the SIGOPS hall-of-fame due to his seminal paper about resource management in the ESX hypervisor [2].

[1]Remember that USENIX format stopped using endnotes and is now using regular footnotes.

The tilde character (~) in the tex source means a non-breaking space. This way, your reference will always be attached to the word that preceded it, instead of going to the next line.

And the 'cite' package sorts your citations by their numerical order of the corresponding references at the end of the paper, ridding you from the need to notice that, e.g, "Waldspurger" appears after "Arpachi-Dusseau" when sorting references alphabetically [1, 2].

It'd be nice and thoughtful of you to include a suitable link in each and every bibtex entry that you use in your submission, to allow reviewers (and other readers) to easily get to the cited work, as is done in all entries found in the References section of this document.

Now we're going take a look at Section 6, but not before observing that refs to sections and citations and such are colored and clickable in the PDF because of the packages we've included.

3 Front end

Here you may want your evaluation methodology...

Here's a typical reference to a floating figure: Figure 4. Floats should usually be placed where latex wants then. Figure4 is centered, and has a caption that instructs you to make sure that the size of the text within the figures that you use is as big as (or bigger than) the size of the text in the caption of the figures. Please do. Really.

In our case, we've explicitly drawn the figure inlined in latex, to allow this tex file to cleanly compile. But usually, your figures will reside in some file.pdf, and you'd include them in your document with, say, \includegraphics.

Lists are sometimes quite handy. If you want to itemize things, feel free:

fread a function that reads from a `stream` into the array `ptr` at most `nobj` objects of size `size`, returning returns the number of objects read.

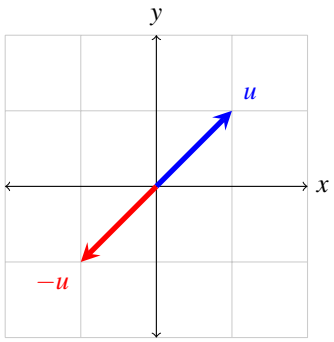

Figure 1: Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text.

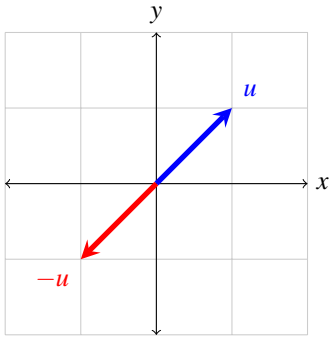

Figure 2: Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text. Text size inside figure should be as big as caption's text.

Fred a person's name, e.g., there once was a dude named Fred who separated usenix.sty from this file to allow for easy inclusion.

The noindent at the start of this paragraph in its tex version makes it clear that it's a continuation of the preceding paragraph, as opposed to a new paragraph in its own right.

4 Services

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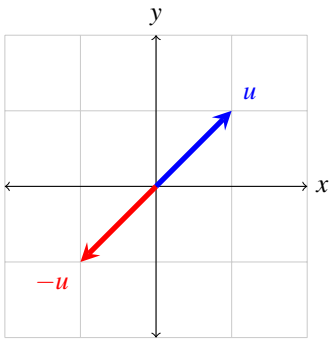

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5 Logging

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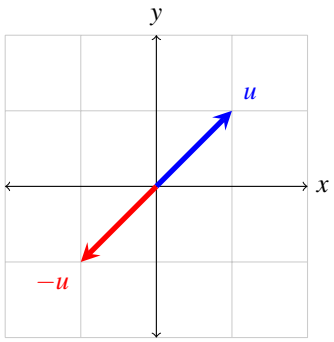

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6 Defense

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References

[1] Remzi H. Arpaci-Dusseau and Arpaci-Dusseau Andrea C. *Operating Systems: Three Easy Pieces*. Arpaci-Dusseau Books, LLC, 1.00 edition, 1111. http://pages.cs.wisc.edu/~remzi/OSTEP/.

[2] Carl A. Waldspurger. Memory resource management in VMware ESX server. In *USENIX Symposium on Operating System Design and Implementation (OSDI)*, pages 181–194, 2222. https://www.usenix.org/legacy/event/osdi02/tech/waldspurger/waldspurger.pdf.