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## PlanetLab

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## PlanetLab Design Notes

PlanetLab Design Notes (PDNs) are documents describing the design of the platform, or other topics highly relevant to PlanetLab implementation. Please send contributions to the editor, **Scott Karlin**.

Individual BiBTeX entries are available for each paper by following the links below. You may also view the **aggregate PDN BiBTeX database**.

PDN- PDF BibTeX **A Blueprint for Introducing Disruptive Technology into the Internet**, Larry Peterson, Tom Anderson, David Culler, and Timothy Roscoe, July 2002. *Appears in the Proceedings of ACM HotNets-I Workshop, Princeton, New Jersey, USA, October 2002.*

PDN- PDF BibTeX **PlanetLab Phase 0: Technical Specification**, The PlanetLab Phase 0 Architecture Team, edited by Timothy Roscoe, August 2002.

PDN- PDF BibTeX **PlanetLab Phase 1: Transition to an Isolation Kernel**, Larry Peterson and Timothy Roscoe, September 2002.

PDN- PDF BibTeX **One Ring to Rule Them All:**

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02-004

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PDN- PDF BibTeX **PlanetLab: An Overlay Testbed for Broad-Coverage Services**, Brent Chun, David Culler, Timothy Roscoe, Andy Bavier, Larry Peterson, Mike Wawrzoniak, and Mic Bowman, January 2003.

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- PDN- PDF BibTeX **A Simple Common Sensor Interface for PlanetLab**, Timothy Roscoe, Larry Peterson, Scott Karlin, and Mike Wawrzoniak, March 2003 (updated May 2003).
- 03-010
- PDN- PDF BibTeX **BGP Feed Configuration Memo**, Akihiro Nakao and Larry Peterson, April 2003.
- 03-011
- PDN- PDF BibTeX **A Routing Underlay for Overlay Networks**, Akihiro Nakao, Larry Peterson, and Andy Bavier, April 2003.
- 03-012
- PDN- PDF BibTeX **Slice Creation and Management**, Brent Chun and Tammo Spalink, July 2003.
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- 03-015
- PDN- PDF BibTeX **Port Use and Contention in PlanetLab**, Jeff Sedayao and David Mazières, November 2003.
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- PDN- PDF BibTeX **Evolving the Slice Abstraction**, Larry Peterson, John Hartman, Steve Muir, Timothy Roscoe, and Mic Bowman, January 2004.
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- 04-018 **Management Solutions Compared**, Matei Ripeanu, Mic Bowman, Jeffrey S. Chase, Ian Foster, and Milan Milenkovic, February 2004. *Appears in the Proceedings of the Thirteenth IEEE International Symposium on High-Performance Distributed Computing (HPDC-13), Honolulu, Hawaii, June 2004..*
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- PDN- PDF BibTeX 04-021 **The Design Principles of PlanetLab**, Larry Peterson and Timothy Roscoe, June 2004 (updated January 2006). *Appears in Operating Systems Review, 40(1):11-16, January 2006.*
- PDN- PDF BibTeX 04-022 **Proper: Privileged Operations in a Virtualised System Environment**, Steve Muir, Marc Ficuzynski, Larry Peterson, Justin Cappos, and John Hartman, August 2004 (updated June 2005). *Appears in the Proceedings of the USENIX 2005 Annual Technical Conference, Anaheim, California, April 2005.*
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