

Association

ngs of

2016

ISBN 978-1-931971-30-0

conference

proceedings

2016 USENIX Annual Technical Conference

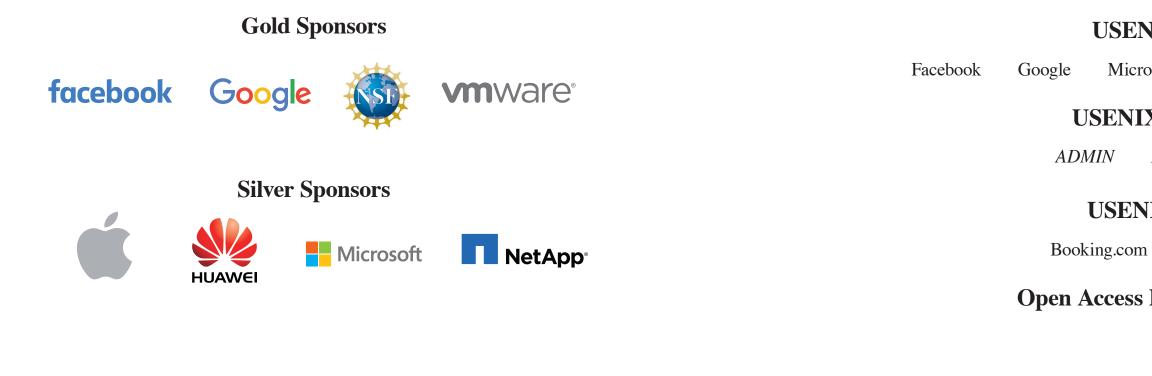
Denver, CO, USA June 22–24, 2016

Sponsored by



Thanks to Our USENIX ATC '16 Sponsors

Thanks to Our USENIX Supporters



Media Sponsors and Industry Partners		
ACM Queue	FreeBSD Foundation	O'Reilly Media
ADMIN	Linux Pro Magazine	Raspberry Pi Geek
Blacks In Technology (BIT)	LXer	Ubuntu User
CRC Press	Morgan & Claypool Publishers	UserFriendly.Org
Distributed Management Task Force (DMTF)	No Starch Press	Virus Bulletin

© 2016 by The USENIX Association

All Rights Reserved

This volume is published as a collective work. Rights to individual papers remain with the author or the author's employer. Permission is granted for the noncommercial reproduction of the complete work for educational or research purposes. Permission is granted to print, primarily for one person's exclusive use, a single copy of these Proceedings. USENIX acknowledges all trademarks herein.

ISBN 978-1-931971-30-0

USENIX Patrons

Microsoft Research NetApp VMware

USENIX Benefactors

MIN Linux Pro Magazine

USENIX Partners

king.com Can Stock Photo

Open Access Publishing Partner

PeerJ