In Their Own Words

Cathy Gadecki, Michael Scruggs, Sean Clarke, Ian Jarrett, Deepti Chandra, Stefan Fouant, Victor Ganjian, Jack W. Parks, Chris Grundemann, Antonio Sanchez Monge, Timothy Beaumont, Javed Syed, Nick Okerberg, Martin Brown, Ben Dale, Glen Kemp, Chris Jones, Steve Puluka, Michel Tepper, Scott Ware, Ankur Singla, Bruno Rijsman, Said van de Klundert, Nancy Koerbel, Karen Joice, Julie Wider, Peter Klimai, Clay Haynes, Kevin Barker, Darren O'Connor, David Roy, Justin Ryburn, Patricio Giecco, Manekar Umamaheshwararao, Mark Smallwood, Joseph Naughton, Matt Dinham, Nupur Kanoi, Nick Ryce, Anurag Khare, Massimo Magnani, Diogo Montagner, Premesh Shah, Jamie Panagos, Albert Statti, Guy Davies, Venkatesh Krishnan, John Weidley, Walter Goralski, Colin Wrightson, Brian Petersen, Scott Reisinger, JT Wilson, Salman Syed, Matt Mellin, Michel Tepper, Patrick Ames, Jac Backus, Ivan Del Rio Fernandez, Paul McGinn, Michelle Zhang, Steve Steiner, Sean Sawtell, Jessica Garrison, Alexandre Cezar, Johan Andersson, Chirag Patel, Ali Bidabadi, Charlie Chang-Hyun Kim, Lionel Ruggeri, Peter Cucinell, Scott Sneddon, Tony Boerema, Adam Grochowski, Guy Davies, Julian Lucek, Krzysztof Szarkowicz, Dan Hearty, Tom Dwyer, Jeff Fry, Mark Barrett, Dale Shaw, Scott McKinnon, Laura A. Phillips, Tim McCarthy, Jeremy Schulman, Lenny Pollard, John Rolfe, Doug Hanks, Dathen Allen, Daniel Sullivan, Artur Makutunowicz, Zaid Hammoudi, Matt Hite, Richard Fairclough, Justin Smith, Curtis Call, Glen Kemp, David Nguyen, Alexander Arseniev, Krzysztof Szarkowicz, Iria Varela, Victor Rodriguez, Haofeng Zhang, Gonzalo Gomez Herrero, Xingxin Chen, Erdem Sener, Jay Wu, Tim Hoffman, Brad Woodberg, Linus Wang, David Janssens, Yong Kim, Russell Kelly, Rob Jeffery, Ankit Chadha, Rahul Verma, Madhavi Catti, Tim Fiola, Chris Hellberg, Melchior Aelmans, Niels Raijer, Pradeep Chalicheemala, Jeffrey Zhang, Aditya Mahale, Jonathan Looney, Harry Reynolds, Tom Van Meter, Julian Eccli, Samuel Gay, Julien Goodwin, Michael A. Harrison, Paul Zugnoni, Hartmut Schroeder, Wayne Brassem, Jon Canchola, Devasena Morrissette, Jamie Panagos, Brandon Bennet, Trey Campbell, Daniel Kharitonov, Dustin Splan, David Gao, Alasdair Keith, Taras Matselyukh, Phil Shafer, Gautam Kumar, Nighat Ara, Rashmi Nadig, Kenneth Pacunas, Bryan Phillips, Chaitra Satish Tim Eberhard, Mattia Petrucciani, Jaime A. Silva, Aidan Scheller, Emmanuel Gouriou, Jeff Sullivan, Mina S. Kirollos, Srijith Hariharan, Amita Gavirneni, Nwamo Ugochukwu, Barry Kalet, Jennifer Pulsifer, David Gao, Nils Swart, Romain Pillon, Carlos Isaza, Mike Willson, Thomas Schmidt, Ron Frederick, Mark D. Condry, Jared Gull, Anton Bernal, Josef Buchsteiner, David Dugal, Alex Lee, Jarrod Shields, Khelil Sator, Sravya Sukhavasi, Supratik Sharma, Rashmi R , Sandeep Surendher, Eddie Parra, Pat Barnes, Jeff Haas, Dhvani Vora, Prasad Yadati, Simon Zhong, Neeraj Gupta, Prakash Channagouda, Vikramadhithya Karamched, Jacopo Pianigiani, Lenny Bonsall, Peter Van Oene, Shelesh Bansal, Chris Bowers, Shraddha Hedge, Craig Dods, Laurent Paumelle, Pavel Zhivov, Riadh Trabelsi, Nitin Kr, Dwarakanath Yadavalli, Piyush Rai, Richard Hendricks, Greg Houde, Kody Vicknair, Anubhav Garg, Bill Shelton, Scott Astor, Ryan Bickhart, John E. Drake, Prasantha Gudipati, Matt Mellin, Brad Mitchell, Sachin Natu, Nitin Singh, Ramesh Yakkala, Dana Yanch, Apurva Mehta, Sridhar Mani, Venkatesh Gota, Scott Florence, Colby Barth, Naresh Kumar, Rendo Wibawa, Tony Le, John Merline, Steve Steiner, Girish SV, Yakov Rekhter, Miguel Barreiros, Efrain Gonzalez, Joseph Wilson, Mitch Shatto, Vaughn Willy, Dave Dugal, Aldrin Isaac, Bing Sun, Disha Chopra, Michael Pergament, Ryan Bickhart, Sachin Vador, Selvakumar Sivaraj, Wen Lin, Ryan Barnes, Muthu Balasubramanian, Ben Holler, Santhosh Somasekharan Nair, Dmitry Shokarev, and many, many more..

Day One Million

Day One Million celebrates the 1,000,000th Day One book.

Cathy Gadecki

Coauthor, *Day One: Exploring the Junos CLI*

"Early in my career, I learned from a wise mentor to ask myself one question in any agitation – will you remember it in 10 years? Over the years her question has spared my heart much stress, but I can't believe it's been 10 years since we wrote that first *Day One* book. I remember it as if it was yesterday. Our belief that if we could somehow capture in a few pages how to get the job done with Junos, we could make a meaningful difference in how many embraced and loved the platform. The only way to see if it was possible, was to try. Could we create something that not only was easy to read but was also easy to write, that simply and directly provided the path from some Junos beginning to some solution ending point? And with that possibility in mind, in about a month, the first *Day One* book came to life."

Alexandre Cezar

Author, *Day One: SRX Series Up and Running With Advanced Security Services*

"To me, security is a critical subject and writing a *Day One* book to help engineers secure their networks was an important endeavor. I remember that when I started planning the book, the idea was to make it short and to the point on how to configure the SRX's most advanced features, say no more than 100 pages. But after starting, it felt like I was missing a lot of content…*What about initial deployment? Monitoring and troubleshooting*? It became clear that I needed to write a book that would allow anyone with basic knowledge about networking and security to sit down and configure the SRX from start to finish, including all its advanced features.

I had to restart the effort that was already halfway done, and it delayed the book for a couple of months. But I believe it was well worth it because when I had it tested by non-Juniper folks and they managed to deploy a SRX end to end, I knew I had done the right thing. Of course, the book now had more than 200 pages! ;) "
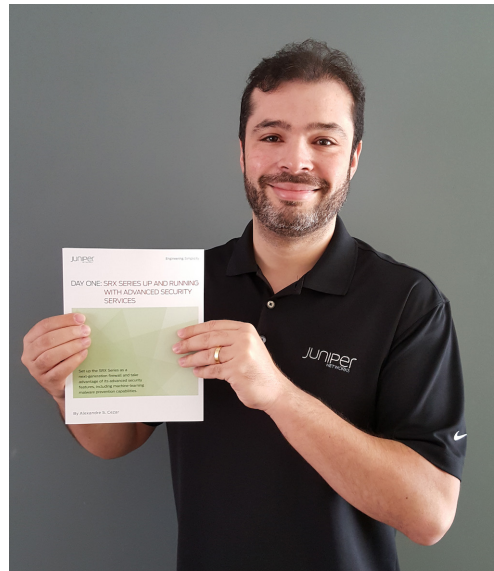
David Roy
Author, *This Week: Packet Walkthrough on MX Series*
Coauthor, 2 *Ambassadors' Cookbooks*
Author, forthcoming *Day One: MX5G*

"I'm a senior Support Engineer at Orange and a Juniper Ambassador. When I started working with Junos twelve years ago the first thing I thought was: *Wow! This OS is incredible!* You have access to all the hardware and software information you want. It wasn't a black box as some other vendors do (that I must manage). You could troubleshoot everything you want, have access to all internal information, and dive easily into the ASICs if needed. This is why I wrote my first book, *An Expert Packet Walkthrough on the MX Series 3D*, in 2015. Now, four years later, I'm still impressed by Juniper ASICs and that's why I'm currently writing about the new MX5G Series."

Guy Davies

Author, *Day One: Deploying Basic QOS*

"As a Professional Services consultant at the time, I found that QoS was always a subject that caused difficulties for people who hadn't previously used Junos class-of-service constructs. In fact they are very logical, but over time the syntax has evolved and different tools have been added depending upon the underlying hardware. I wanted to write a book that provided a tour through the way in which each of the blocks is applied and then show how they could be configured to build upon each other to construct a basic set of use cases. I didn't want to go into all the possible combinations or use cases because that would confuse the first time reader even more."

Krzysztof Szarkowicz & Julian Lucek

Coauthors, *Day One: Segment Routing Up and Running*

"The idea to write a small book about SPRING (Segment Routing) was actually raised by Julian Lucek. Julian and I had both experienced larger book projects in the MPLS arena: Julian's book, coauthored with Ina Minei, *MPLS-Enabled Applications: Emerging Developments and New Technologies*, focused on the theory and architecture, while my book, coauthored with Antonio Sánchez-Monge, *MPLS in the SDN Era: Interoperable Scenarios to Make Networks Scale to New Services*, focused more on practical interop aspects. So, we both knew that writing a book (even a small one, like a *Day One* book) is a challenging and time consuming task. We put ourselves on a very aggressive schedule of three months. However, and as usual, we underestimated the amount of free time that we could spend on the book. In the end it took us 6-7 months from the first idea to the actually book being published. Which is still not too bad, I would say.

Julian and I used a virtual topology (running on vMX) to verify and test all the nuances of SPRING. It was a funny thing, as we discovered some (not very well documented) missing parts in our SPRING story, that we had to leave out of the book in fear of another 6-7 months. So we're waiting for another *Day One* book to do that job. Rumors say, it is coming. In fact, look on these pages for Anurag Khare."

Walter Goralski

Coauthor, *Day One: Exploring the Junos CLI*, *2nd Ed.*

"I took a first edition CLI book (by Sean Clarke) and a second "system basics" book from Ian Jarrett and merged them into a more meaningful package that was both short and had good impact (sounds easy, but it was quite a challenge considering overlaps and the updates I tested on our own systems). I thought the pair were both gone from Juniper, but then I met Clarke at a conference and he blessed the whole rewrite, and so did Jarrett (who had left Juniper and then returned). In the end, I reorganized and updated the entire content and retained the original authors' names because I wanted to acknowledge their initial contributions. I let the idea of *"What are the most important things that I would look for if I was new to Juniper products and the Junos CLI?"* guide me. My decisions and instincts at the reorganization and expansion have proved to be correct, judging by the number of downloads."

Tony Boerema

Coauthor, *Day One: AWS with vSRX Cookbook*

"Contributing to the *Day One AWS Cookbook* was my first time collaborating on a book with almost a dozen engineers, all bringing something different to the effort. I was lucky in that we were currently engaged with a customer delivering a Juniper VPC solution in AWS. But challenge for me was to ensure that I paced producing content to coincide with the customer deliverables (to have high confidence it was accurate). The positive outcome was not only the pride in being part of a quality product but also the camaraderie gained with such talented folks. Lots of effort outside my day job, but well worth the time spent! Enjoy."

Paul Clarke

Coauthor, *Day One: Juniper Ambassadors' Cookbook 2019*

"I'm a Customer Solutions Architect employed by Fujitsu in the UK, and a Juniper Ambassador. If someone had said to me a year ago that I'd be writing blogs and be a coauthor of a book, I'd have fallen off my chair laughing. You see, writing isn't one of my strongest subjects. I prefer to be stood in front of a whiteboard articulating myself using diagrams that are self-explanatory.

The Juniper Ambassador program has given me a platform and an opportunity to blog and write, which I am slowly but determinedly embracing. I think one of the key contributions I can make is helping people who are new to Juniper OS and Juniper products. There is a lot of information available online but when you are new to something it all looks very confusing. I like to think of my contribution as taking complex documents and converting them into real-world examples, breaking down the components to simplify the subject."

Steve Puluka

Coauthor, 4 *Ambassadors' Cookbooks*
TechEditor, *Day One: Juniper Ambassadors' Cookbook 2019*

"I always like having example configurations to work from when trying to solve a networking setup, scenario, or problem. So when the opportunity came up to contribute to a *Day One* cookbook, I was on board to share all those times when the example did not exist and I had to work it out modifying what was available. Seeing the collection of new solutions from the Ambassador team has been a repeating bonus in working on these projects.

I've also been lucky enough to serve as the technical editor on several *Day One* publications and this has really helped me expand my knowledge in these specific technologies. And I've been able to share my own experience from training newer engineers to help make the publications even more user friendly. In short, nothing is a better learning experience than contributing to or editing the Juniper Day One publications."

Jessica Garrison

Coauthor, *Day One: Junos PyEZ Cookbook*

"I spread out my maternity leave in 2017 while working on the *Junos PyEZ Cookbook*. I vividly remember thinking how great it was that I was on leave and could use that time to write my cookbook recipes. However, the best part of the *Day One* experience was working with all the contributors, since I managed the GitHub repo. In addition to that, I was also involved in recruiting the Juniper people as a counter to Julie Wider who had already organized the contributing Juniper Ambassadors. Working together with Ambassadors, several customers, and good old Juniper engineers to write the book was a gratifying, collaborative experience."

Premesh Shah
Author, *Day One: Enabling Automated Network Verifications with JSNAPy*

"I still remember when my friend Diogo Montagner (author and coauthor of multiple books) reached out to me and suggested I write a *Day One* book. I had a lot of hesitation (whether I could be a writer, whether I had the free time). I started writing my *first* ever book, which took me more than a year, and also two continents (I relocated from Asia to USA during the tenure). I also remember visiting four continents during the course of the book to finish it (a lot of plane time). I still feel that was great advice from my friend and the best decision I have ever made – to give something back to this amazing industry. I still receive compliments on the book and the work which has been done on JSNAPy from customers, partners, and from within Juniper. And the question from many is always: *What next?* I'm still thinking about that, but once found, I won't hesitate at all."

Tom Dwyer

Coauthor, 2 *Ambassadors' Cookbooks*

"Unlike most authors, I wouldn't say that writing is my first love. I have always been more of a student of math and science. I love facts and repeatable outcomes. I have always been able to articulate and explain things but putting them into the written word takes a different talent. It's easy to do something that is natural and you are good at, but less so when it's something that isn't a core skill. That being said, I have always wanted to be a technical author. My first taste of the writing process was as a technical editor on one of the *Day One* guides. I was able to see the breakdown of the *Day One* authoring process. After watching the editors and how they guide you through the process, it starts to get less scary. The *Day One: Juniper Ambassadors' Cookbook 2018* was my opportunity to get my first taste of this firsthand with writing. The amazing thing is seeing the final product after all of the editing, changes, and magic behind the scenes. I remember getting the published copy in the mail and seeing your own name in print – that helps to cement it's real. I know this overall experience will help me in the future."

Said van de Klundert

Coauthor, *Day One: Juniper Ambassadors' Cookbook 2019*

"The contributors to the *Juniper Ambassadors' Cookbooks* get to choose the recipes they want to write, with peer approval, and what I have become most passionate about the past year is network automation. I love how it can make the menial fun and how it can help simplify operations. Mapping out an LSP and figuring out what nodes and interfaces it passes is useful for so many things. I wanted to share this, and hopefully get more people curious enough to start getting into automation. I am still, and always will be, a big fan of the CLI, but talking to MGD using PyEZ enables me to do a lot of things faster and better."

Massimo Magnani

Author, forthcoming *Day One: Junos Node Slicing*

"I joined Juniper Networks Italy in 2008 as a Systems Engineer but despite the pre-sales nature of the role, I have still wanted to deepen my technical knowledge and the idea of writing a book seemed a good way to do that. I was a technical editor for Harry Reynolds' and Doug Hanks' *Juniper MX Series* book (O'Reilly) back in 2012, and I must say that after that experience I quit the book idea for some time – I wasn't confident I would ever be able to do that by myself. But then, when a new solution was released back in 2017, I fell in love with it at first sight and had the chance to demo and implement with some customers, and I decided it was time for me to try to write a *Day One*. And I must say that I will never regret this decision because when I finally delivered my little book in manuscript, I was so proud of myself that all the hours spent fighting with MS Word, or with the lab setup, or the hardest of all the fights, with my *Spaghetti* English – which was often the greatest barrier between what I wanted to communicate and what I actually wrote – it was all absolutely worth it! I think that this experience has enriched me a lot, not only as a professional, but also as a person, because I had to learn not only the technology but also how to self-organize myself and my work."

Diogo Montagner

Author, coauthor, multiple *Day One* books on automation

Technical reviewer of multiple *Day One* books

Author, forthcoming *Day One: Junos HealthBot*

"I'm working on a new *Day One* book, so my day normally starts at 4:30 am. Supported by 1 litre of South American tea (mate), I spend the first hour and a half of my morning writing pages for the current *Day One* book or testing things in the lab to present in the book. It goes really fast. Then my day job gets in the way until the following day at 4:30 am. The reason why I love to write and review Day One books is because they provide genuine, real, hands-on experience from engineers to engineers."

Nupur Kanoi
Author, *Day One: MPLS Up and Running*
Coauthor, 2 *Ambassadors' Cookbooks*

"As the name suggests, *Day One* is meant to help engineers get their job done really quickly. So authoring a *Day One* is quite intimidating since you must cover all the concepts without increasing page count, and that means an author needs to be pretty clear with his/her thoughts and should be able to put them in a short but understandable format.

I've authored a book on MPLS and coauthored Ambassador cookbooks. Even in the Cookbook 2017, the recipe I wrote was again related to issues faced with customers running OSPF across their sites connected with a MPLS backbone. MPLS is an integral part of every Service Provider backbone and will continue to be one, in my humble opinion. Many organizations are moving towards segment routing, which is again an improvised version of the legacy MPLS. In a nutshell, the overall experience in writing a *Day One* book can be a fun and great way to contribute to the community."

Martin Brown
Author and Coauthor, 3 *Day One* books
Coauthor, 4 *Ambassadors' Cookbooks*

"While I was still at school I was pretty good at creative writing and I could write an amazing short story and usually get a very good grade. There was even a time when a friend and I decided to write our own horror story and it was pretty graphic, so graphic in fact, that when a teacher discovered it, a copy was mailed straight to my parents who were not impressed in the least. Undeterred, I still liked to write and dreamed of when, one day, I would have a book of my own published. Fast forward to 2013 when I was asked if I would like to contribute to *Day One: Juniper Ambassadors' Cookbook for Enterprise*, I jumped at the chance, a chance to see my own words in print. Why not? Since then, I've been honoured to have been able to be part of several *Juniper Ambassador Cookbooks*. I do love to write, it is an awesome experience, and it gives me a chance to be creative once more and live my childhood dream of having a book I could call my own."

John Weidley

Author, *This Week: Hardening Junos Devices, 2nd Ed.*

Day One Million

"When I go out to meet or visit with customers they always ask about free learning resources. I tell them about Junos Genius, Learning Bytes (YouTube), and of course the *Day One* series. I tell them there are books for setting up EX switches, SRX firewalls, Automation, Junos for IOS engineers, Tips and Tricks and Security Hardening Junos. Federal government customers always ask about hardening devices for Security Technical Implementation Guide (STIG) compliance. That's about the time my account manager speaks up and says "John, who wrote the *Day One* book on hardening Junos?" and I reply, red faced, "I did." ;)

Madhavi Katti

Coauthor, *Day One: vSRX on KVM*

Day One Million

"I was ecstatic when I was offered to coauthor a *Day One* book! This was my dream come true! However, when I actually started to develop the content, I realized that it is not a cakewalk. When I prepared the first draft of the first topic, it was out right rejected by my manager and coauthor saying language is too formal! So my challenge was to change the tone of the language. I went through existing *Day One* books and tried to see how the information is presented there and keeping that as guideline, I changed my content. My energetic coauthor shared his content to review at a much faster rate, and it was a challenge for me to try out all the steps and then make modifications accordingly.

This process helped me get hands-on experience though. No pain no gain! When I look at the final manuscript, I get a sense of having achieved an important milestone in my career. Yay! Now I can call myself an author! I am looking forward to many more such opportunities in future! However, my first *Day One* book will always remain special to me!"

Christian Scholz

Coauthor, *Day One: Juniper Ambassadors' Cookbook 2019*

For all those German "Experts." ;)

"Ich erinnere mich noch sehr gut daran, als ich die Anfrage erhielt am Ambassadors Cookbook 2019 mitzuwirken. Natürlich fühlte ich mich geehrt – hatte aber zeitgleich auch wichtige Projekte vor mir, die nicht darunter leiden durften. Irgendwie schaffte ich es dann doch zwischen all den Projekten und meinem Expert-Nachtlab die beiden Artikel fertigzustellen. Ich tauschte mich dazu mit vielen Experten aus, die bereits Bücher veröffentlicht hatten. Da sich viele Kunden mit dem Thema MC-LAG auseinandergesetzt hatten, es aber immer wieder zu Problemen kam, entschloss ich mich, dieses Thema besonders zu behandeln. Ebenso nahm ich mit das Thema ZTP erneut vor, da auch dieses Thema meiner Meinung nach den Puls der Zeit trifft – hierfür hatte ich bereits wertvolle Erfahrungen bei unseren Kunden gesammelt und die Rückmeldungen waren gigantisch. Es ist meiner Meinung nach wichtig, dass es die *DayOne* books gibt und diese immer wieder einen Refresh erhalten. Diese Bücher helfen IT-Experten auf der ganzen Welt innerhalb kürzester Zeit wertvolles Wissen aufzubauen. Bei diesem Vorgang unterstütze ich natürlich gerne mit meinem Fachwissen."

Patrick Ames

Editor in Chief, the *Day One* library

"I remember editing a *Day One* author writing about traffic engineering. He used the term *Dubbell Interface*. For a half hour I sat and stared at the paragraph not knowing what he meant (he was also writing in Junos-speak within his native Hungarian-English accents). For the life of me I could not find the term *Dubbell Interface*. I became frustrated and flustered and after 45 minutes of every possible search and alternative sentence structure, I stood up and screamed aloud inside corporate Juniper headquarters. People came running. "What's wrong? What's Wrong?" And in that flash of voices it suddenly hit me. He meant "*double*" not *Dubbell*. I sat back down and sighed, with 85 more pages to go."

Rahul Verma

Coauthor, *Day One: vSRX on KVM*

"It all started with my director querying my JTAC department in late 2017 if anyone was interested in writing a *Day One* book. I envisioned my name attached to the cover and promptly accepted the challenge. And I started with great enthusiasm. The book that I envisioned had to be a guide, that even a novice would be able to understand, but to my dismay my first attempt was an utter failure as I turned it into an encyclopedia. To make things worse, my regular work and my expert security certifications pushed the book writing to the back seat. Then I was blessed with my first baby boy [we named him *Yuvan*], and I completed my Security Expert exam using a KVM lab setup. Yet deep inside my mind I was unhappy to not have completed the challenge I took to author a *Day One*.

Finally, months later, I kick-started the process for my second authoring attempt, this time learning from my mistakes and conceptualizing a true *Day One* book for a newbie within 100 pages. The book details were well appreciated by the reviewers. I missed a few nights playing with my newborn in a desperate attempt to complete what I started, so I'd like to publicly dedicate this book to my wife Isha and my son Yuvan."

Tim Fiola

Coauthor, *This Week: Deploying MPLS*

"I'm the coauthor (along with Jamie Panagos) of *This Week: Deploying MPLS*. I was very excited to write the first two chapters of this book because I wanted to really drive home the elegance of the label operations in MPLS, especially in L3 VPNs and RSVP-TE bypass. To do that, I used a lot of illustrations in my writing. Most other publications I had read had tried to explain it with words only or would gloss over a lot of the details that I thought were very important to really understand how the technology worked. I wanted the illustrations to be a key differentiator in this book because I knew they would give the reader a better sense as to what was going on.

One thing that really stood out to me as I wrote this book was that, as an author, you will be looked to as an authority on the subject matter. As an authority, there is no room for not being sure about something: you have to be right, you have to be sure, and you have to be able to prove that what you are saying is correct. That part alone was the most arduous part of this project. While difficult, it ensures a quality product, one that you can be proud of."

Anurag Khare

Author, forthcoming *Day One: Segment Routing Advanced Use Cases*

"I've broken the limits of AI in writing this book. In my attempt to dictate to her, Siri became flummoxed by the specialized language we, as network engineers, speak fluently. Skynet (Terminator movie) remains some ways off. Coauthoring this book with my partner in crime, Colby Barth, has been fun, educational, and much harder than I would have thought. Crystallizing thoughts onto paper is not easy. Doing it as a side gig takes tremendous effort. But it's worth all the hassle in the world when you see the final output."

J.T. Wilson

Coauthor, *Day One: EX Series Up and Running*

"Scott Reisinger was the driving force behind our book *Day One: EX Series Up and Running*. Scott and I both saw the need for an updated guide that consolidated most of the common configuration tasks on EX Series switches. Seemed easy enough, right? Famous last words. Next thing I know Scott and I are on Lync for many, many late nights discussing the next tasks and how to structure the book. There was a lot topics to cover, a lot of different test beds utilized, and a lot of time making sure we communicated the technologies effectively. It was a challenge, but it was also rewarding to complete the book. I think it's been helpful to more than a few customers, which was our objective. I'm proud to have our book included with so many great books in the *Day One* and
This Week library."

Melchior Aelmans

Coauthor, *Day One: Deploying BGP Routing Security*

"It was never 'my big dream' to write a book but once you start writing and you see it growing, it becomes a real fun thing to do. And it is a challenge to get everything you think you know on paper in a way that makes sense. I learned a lot writing this book. First, I was very nervous if the book was written for the right audience and if somebody would actually need it and use it. And maybe worse, what if somebody finds a huge mistake! But looking at the reactions from readers with regards to the content, it was the right moment to write this book and it's been very well received."

Niels Raijer

Coauthor, *Day One: Deploying BGP Routing Security*

"When we started deploying routing security in the network of Fusix Networks, people were immediately keen on knowing what was going on and what issues we were experiencing. While it all looked so easy when we deployed it ourselves, the tough part came when I started to write the book! I remember countless hours checking and double checking the configs that we wanted to publish and making sure that they would work when pasted into a random router … only to hear from our technical reviewers about all the other ways you could achieve the same route filtering result with a different config! If we would have wanted to include them all, the book would be four times the size.

I never knew there were so many ways to break an egg!"

Stefan Fouant

Author, *Day One: Junos Fusion Data Center Up and Running*

Coauthor, 3 *Ambassadors' Cookbooks*

"My latest recipe in the new *Day One: Juniper Ambassadors' Cookbook 2019* is about a *Low Risk Methodology for Deploying Firewall Filters*. Over the years I have worked with several large Service Providers and Fortune 500 Enterprises assisting in efforts to more safely secure the boundaries of their networks. And although there have been many excellent treatises dealing with the subject of how to implement firewall filters on Junos-based devices, I've never come across anything which covered risk mitigation schemes towards deployment. So I wrote this recipe to cover a technique that I've used, and likely many other knowledgeable subject matter experts use, in order to share this technique with a broader audience. My hope is that the reader will utilize this methodology in their own networks to more safely implement firewall filters without concern for unintended downtime."

Matt Dinham
Author, *Day One: vMX Up and Running*
Coauthor, 2 *Ambassadors' Cookbooks*

"It was exciting to be given the opportunity to write my first *Day One* book. The team at Juniper was great and explained how the process would go - a few months of writing later and there it was, my first *Day One* in print. I still remember how cool it was to see the physical book. Since then, many people have talked to me at meetings or have contacted me via social media to let me know how the *Day One* books have helped them. An updated version of *vMX Up and Running* is in progress! I've also had the opportunity to be part of the review process on other *Day One* books and coauthor the *Juniper Ambassadors' Cookbook* series. Also a great experience. Thanks Juniper, the *Day One* books are awesome!"

Chris Parker

Coauthor, *Day One: Juniper Ambassadors' Cookbook 2019*

Day One Million

"Writing can be a lonely endeavour at the best of times, and doing it in the company of others is a real boost to one's mental health and self-esteem. Another boost came when I handed my first draft to colleagues who volunteered to proofread it. They found it so useful that they asked if they could share it with other colleagues, immediately, even though it wasn't finished, and if it could be added to the company's internal knowledge base! The entire concept of the inet.3 routing table can sometimes be tricky for people to get, especially if they've come from other vendors than Juniper, so it was tremendously heartening to see my work become so immediately useful to real engineers.

I hope that the readers of our new *Ambassadors' Cookbook* will find the 2019 version as useful as I've found the previous editions, too."

Chris Jones
Author, *Day One: Junos for IOS Engineers*
Coauthor, *Day One: Ambassadors' Cookbook for Enterprise*

"I wrote my *Day One* book when I was a consultant flying all over the country doing professional services and teaching classes. Back then, the WiFi aboard airplanes was nowhere near what it is today and so I had a lot of time to kill. I figured: what better use of that time than to write a book? So I think that's the most interesting thing about my *Day One* book writing - that it was entirely written while at 30,000 feet!"

Chris Hellberg & Pradeep Chalicheemala

Coauthors, *Day One: MACsec Up and Running*

Day One Million

"I remember my gentle itch of wanting to write a second book and our editor shouting out for someone to write something about MACsec: 'People are talking about it. It's getting big.' Patrick put me in touch with Pradeep, Juniper's MACsec PLM, and we became coauthors. I like getting into the weeds for days on end, poking things with a stick, looking for corner cases – things which I'm sure will trip someone up; andPradeep made sure we kept a good eye on the deadline, which was looming around the end of year holidays. And the editor was right. People are getting more interested about data security and are asking for all sorts of new, interesting MACsec features – so it looks like we have a lot more to write about – stay tuned for a second edition."

Chirag Patel

Coauthor, *Day One: Amazon Web Services with vSRX Cookbook*

"I always wanted to write a book and when the opportunity came along, I immediately jumped on it. I remember on the first day I had writer's block. I was staring at a blank screen and had no clue where to start. I think this was the most challenging part for me, knowing where to start and what to write. Thereafter it took me a little while to get into the stride of writing. One of the main challenges I experienced was trying to balance daily work life and finding the time in the evenings and weekends to write the chapters. I am just gonna say that everything I wrote in the book was done in hotels, planes, airport lounges, coffee bars, and basically anywhere I could find time that aligned with my crazy travel schedule. Towards the end was the most difficult, putting in the extra time to getting the book over the finish line. But looking back at it all, it was all worth it. Just seeing your name in print is a great satisfaction. It was a great experience working with great people."

Antonio Sánchez-Monge

Author, This Week: Deploying BGP Multicast VPNs, 2nd Ed.
Author and coauthor, 4 Day One/This Week books
Concept and Lead Editor, Day One: Junos Cup 2014

"I remember when BGP Multicast VPN technology was first released in Junos back in 2007, and I needed to explain the solution to one of our customers. At that time BGP MVPN wasn't nearly as popular and established in the market as it is now. How could I explain something that I was not familiar with? It took me several weeks to read all the IETF specifications, Junos documentation, and design tips, as well as intense hands-on practice sessions to get the necessary expertise. I would have loved at the time to have one book that explained it from scratch, guiding me in the learning process with a practical focus. Then in 2009 my colleague Anton

Bernal talked to me about the new *Day One* series and I was delighted to read and practice with a few books. So, I thought that I could try the same thing for a completely different topic: BGP Multicast VPN. And that's how it all started. A few months after the first edition was published (and many years after Tier-1 customers started to seriously deploy it) BGP Multicast VPN finally became an IETF standard covered by two complementary RFCs. Also, I got very interesting feedback from readers, including one of the fathers of BGP/MPLS VPN and BGP MVPN: Yakov Rekhter. So I decided to update the book and get the Second Edition out."

Ian Jarrett

Coauthor, *Day One: Configuring Junos Basics*

Day One Million

"When the Junos Cookbook (O'Reilly) was published in 2006 I remember thinking that its "Configuring a router for the first time" section was a great idea, but that it was a topic worth digging into in more depth, and a *Day One* book seemed like the perfect vehicle for it. My coauthor, Sean Clarke, and I had a lot of material that we wanted to include, and his access to lab equipment meant that we could test every single line before we included it in our book. One neat idea we had was to include a check list in the front of the book for readers to write their own notes in before they started on the actual device setup. We had plenty of other ideas too, and as it turned out we wrote way too much content and we ended up removing sections.

I also remember that it took a lot longer to finish than I had expected, even after cutting it down to the very basics. The multiple reviews and edits took longer than anticipated, and I even recall on at least one occasion MS Word corrupted the master document because of all the edits.

How we managed to do that whilst holding down day jobs I will never know, but it was worth it! I'm glad that so many readers have found our *Day One* book to be useful."

Nancy Koerbel
Copyeditor, the *Day One* library

"There are many things I like about the work I do for *Day One*, but in particular I love the challenge of making sense out of technical language I don't fully understand, and I love the poetry of the language and terminology I encounter (*higher flavors*, *penultimate hop-popping*, *proxy minion*). I also teach writing to freshmen engineering students at the University of Pittsburgh, and have helped MechEs at Carnegie Mellon University craft presentations, so editing the *Day One* books means I work with both beginning and accomplished engineers on a regular basis. This gives me some street cred with my students, because I can share stories about the challenges of writing in the 'real world.' Before signing off, I have to say I'm thrilled to see the many testimonials to the challenges and rewards of writing from engineers in these pages!"

Thanks a million everyone!

Day One **Million** April 2019

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