Author’s Proposal

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To plan your information project, complete this form. The summary will help all of us work on your outline and understand the audience and their needs for your content. Show your best writing as an advertisement for your potential work.

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|  | Complete this column. |
| *Proposed Title* | Book Title. Series Name. Type: Day One, This Week, or Learn About. Poster, Infographic, or Video. |
| *Authors* | **Kiran KN, Przemyslaw Grygiel, Laurent Antoine Durand, ping, Damian Szeluga** |
| *Who is your sponsor?* | Manager name.  **Siew ng (ping’s manager)**  **Sivakumar Ganapathy (Kiran’s manager)** |
| *Who is the audience?*  *(Be specific)* | Who is going to use this?  **anyone who want to learn about DPDK and its related technology (huagepage, numa, cpu pinning, etc) and contrail vrouter DPDK design/installation detail**  Why?  **Contrail as a SDN solution has been in the market for quite a while, DPDK vrouter is one of the most important data plane implementation. However so far there is no book talking about it systematically.**  Is it new, has it changed, is it important for their careers, their understanding how to do xx?  **The book will be very helpful for folks who are working on, or are interested in learning contrail and it will specifically be helpful for them to understand how contrail vrouter works internally.** |
| *Why would they want to read your booklet Be specific* | What problems does the information solve? Why does the problem exist?  **Contrail vrouter makes use of DPDK to achieve high performance. However not many people knows how it works, and there is no much good document talking about it. This book will try to tell the full story and audiences will be benefit from it.** |
| *What assumptions are you making about the existing knowledge of your reader?* | Is your reader an administrator, a network designer, an engineer, a manager, in IT management? What are your assumptions about them: are they starting out in a specific area? Do they know this but need detail? Are they experienced enough to delve right in without handholding? *Your assumptions about what the reader already knows will allow you to focus: your writing job will be easier and the result better for the user.*  ***The prerequisites for audiences of this book are:***  ***some basic knowledge about linux, SDN, and contrail archtecture*** |
| *What will the reader be able to do after using your work?*  *Describe the use case: why would a customer want to use your material to deploy, for instance.* | Note the active verbs already in the template. Use these or other active tense verbs:   * Deploy * Understand * Design * Show * Create. * Use   **For support/field folks, they will be able to use the information to help customer during troubleshooting vrouter issues. Customer will know the best practice to design and deploy their SDN with contrail.** |
| *Where else does this information exist?* | Look around the Tech Library, around Juniper, around Amazon. Do a little research first and report what you found. If something else exists, why is yours different? Valuable? How does this complement the iX information set?  **There are some information about DPDK about DPDK in general, nothing about Juniper contrail DPDK vrouter implementation yet.** |
| *Who requested this piece?*  *Why did they request it: what was their goal?* | PLM? TME? JTAC? Customer? iX management?.  **This is so far mostly a voluntary work, no one requested it explicitly.** |
| *Which PLM will sponsor this piece?* | **Damian Szeluga** |
| *Who are the SMEs who will contribute to and provide technical verification of this piece?* | PLM? TME? JTAC? Dev? QA?  **PLM, JTAC, Dev** |
| *Who would be a good technical editor for your piece?* | Peers, SMEs, and Juniper editors are the best. They must read your work and give you technical feedback.  **Current coauthor is composed of JTAC, BU and PLM. We can review each other’s work.** |
| *Timeframe* | Is there a timeframe for publishing this work? A product release? A Juniper promotion? An event? Provide a brief schedule for how to get there.  At the moment target is July for first draft. Could be beginning of end of it.  Any possible Juniper promotion/event will be helpful. |
|  |  |
| *Special Requirements:* | ***Add anything you will need that is not part of your normal authoring environment.***  ***NO.*** |
| *What are your lab requirements?* | Will you need a special lab set-up to create and/or verify your content? If so, please describe and specify how you plan to access that setup: iX Lab? Dev/QA lab? JTAC lab?  **BU has an existing lab that we can use.** |
| *Do you need any special tools or licenses?* | **NO** |
| *Do you need specialized illustration work?* | Especially for posters or infographics. **NO** |
| *Do you need video equipment? Video lab?* | **NO** |
| *Will there be expenses? Budget requirements?* | **NO** |