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Software Defined Networking (SDN) with OpenStack

By Sriram Subramanian

Packt Publishing - ebooks Account. Paperback. Condition: New. 216 pages. Dimensions: 9.2in. x 7.5in. x 0.6in. Leverage the best SDN technologies for your OpenStack-based cloud infrastructure. About This Book: Learn how to leverage critical SDN technologies for OpenStack Networking APIs via plugins and drivers. Champion the skills of achieving complete SDN with OpenStack with specific use cases and capabilities only covered in this title. Discover exactly how you could implement cost-effective OpenStack SDN integration for your organization. Who This Book Is For: Administrators, and cloud operators who would like to implement Software Defined Networking on OpenStack clouds. Some prior experience of network infrastructure and networking concepts is assumed. What You Will Learn: Understand how OVS is used for Overlay networks. Get familiar with SDN Controllers with Architectural details and functionalities. Create core ODL services and understand how OpenDaylight integrates with OpenStack to provide SDN capabilities. Understand OpenContrail architecture and how it supports key SDN functionality such as Service Function Chaining (SFC) along with OpenStack. Explore Open Network Operating System (ONOS) a carrier grade SDN platform embraced by the biggest telecom service providers. Learn about upcoming SDN technologies in OpenStack such as Dragonflow and OVN. In Detail: Networking is one the pillars of OpenStack and OpenStack Networking are designed to support programmability and Software-Defined Networks. OpenStack...



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