



Preface

This guide provides information about how to configure and deploy Cisco SD-WAN Cloud onRamp for CoLocation solution on a supported Cisco hardware device. The guide also provides details on virtual machine deployments, configuration of software features.

This guide assumes that readers have a broad understanding of networking terminologies and principles. It also assumes prior exposure to current trends in multi-cloud offerings.

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Audience

This guide is intended for network administrators and operators who are familiar with basic Linux installation and configuration requirements.

Related Documentation

- [Configuration Guide for Cisco Enterprise Network Function Virtualization Infrastructure Software](#)
- [Release Notes for Cisco Enterprise Network Function Virtualization Infrastructure Software](#)
- [Configuration Guide for Cisco Catalyst 9500 Switches](#)
- [Cisco Cloud Services Platform 5000 Hardware Installation Guide](#)
- [Configuration Guide for Cisco Network Plug and Play on Cisco APIC-EM](#)

List of Acronyms and Abbreviations

Table 1: List of Acronyms and Abbreviations

| Acronym or Abbreviation | Expansion |
|---|---|
| CSP | Cisco Cloud Services Platform |
| CIMC | Cisco Integrated Management Controller |
| Cisco Catalyst SD-WAN Cloud OnRamp for Colocation | Name of the solution |
| DHCP | Dynamic Host Configuration Protocol |
| DNA | Digital Network Architecture |
| DMZ | Demilitarized Zone |
| NAT | Network Address Translation |
| NSO | Network Services Orchestrator |
| FP | Function Pack (NSO) |
| NIC | Network Interface Controller |
| NFVIS | Network Function Virtualization Infrastructure Software |
| OVS | Open Virtual Switch |
| SD-WAN | Software-defined Wide Area Networking |
| SR-IOV | Single Root IO Virtualization |
| STUN | Session Traversal Utilities for NAT |
| SWIM | Software Image management |
| VEPA | Virtual Ethernet Port Aggregator |
| VM | Virtual Machine |
| VNF | Virtual Network Function |
| PNF | Physical Network Function |
| vNIC | Virtual Network Interface Controller |

Communications, Services, and Additional Information

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