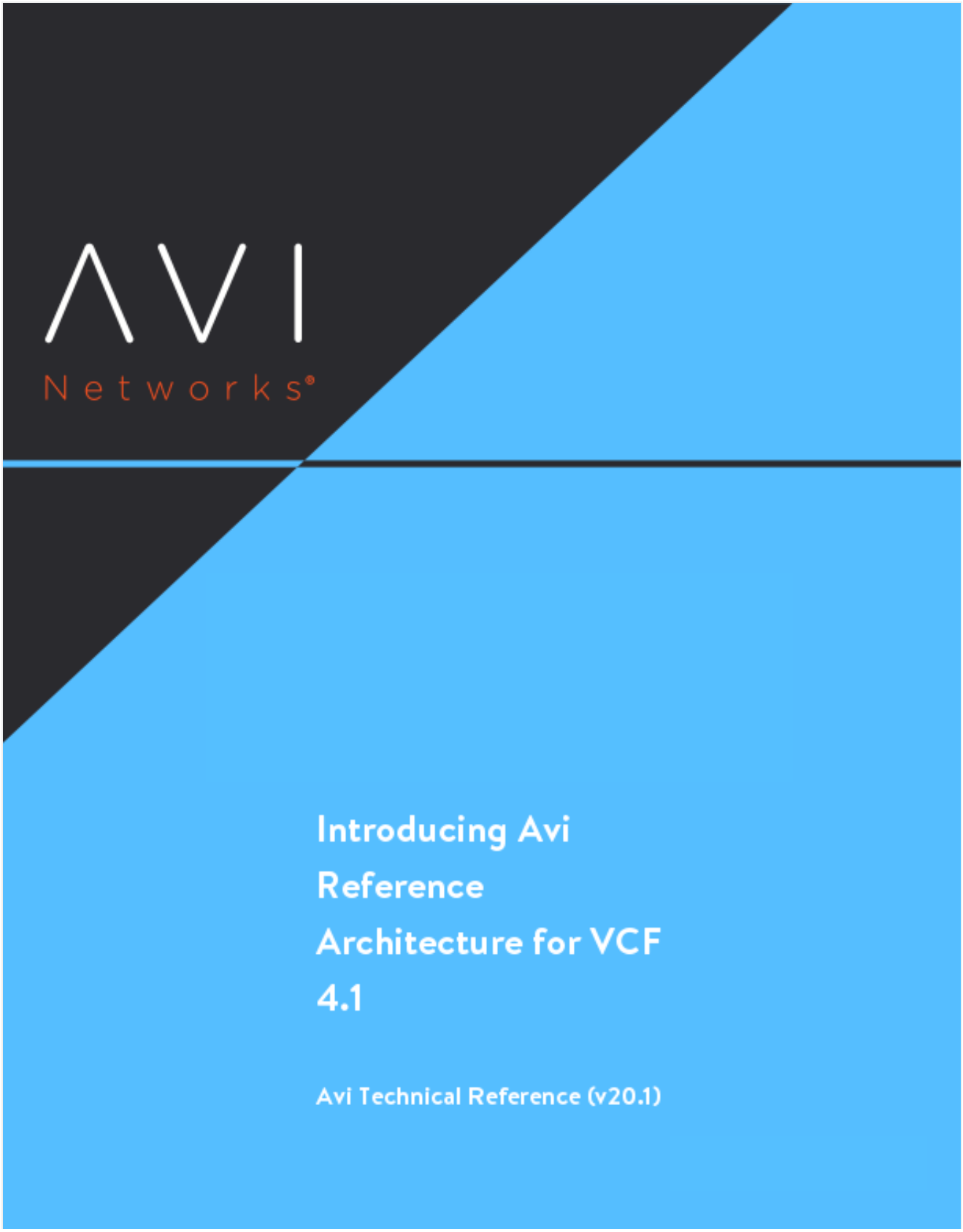

Introducing Avi Reference Architecture for VCF 4.1

Avi Technical Reference (v20.1)

Introducing Avi Reference Architecture for VCF 4.1

view online

Overview

The Avi reference architecture for VCF 4.1 document provides guidance on deploying the Avi Vantage platform (NSX Advanced Load Balancer) in the software-defined data center, VCF v4.1. The guidance provided in this document is compatible with VMware Validated Design 6.0.x and 6.1. In addition, Ansible Playbooks are being made available to help automate deployment of the Avi Vantage platform on the VCF 4.1 stack.

Note: Avi Vantage recommends using this guide to onboard Avi Vantage into a VCF 4.x environment. You can alternatively choose to deploy Avi Vantage using the Avi Reference Architecture for VCF 3.9.1.

Intended Audience

Avi reference architecture for VCF 4.1 is intended for cloud architects, infrastructure administrators, cloud administrators, and cloud operators who want to deploy and manage Avi Vantage in an SDDC that meets the requirements for capacity and scalability.

Required Software

Avi reference architecture for VCF 4.1 is compliant and validated with certain product versions. All Avi versions beginning v20.1.3 will support the Avi reference architecture for VCF 4.1. Avi reference architecture for VCF 4.1 will support the following VCF releases:

- 4.2
- 4.1.x
- 4.0.x

Documentation Structure

The following is the documentation structure for Avi reference architecture for VCF 4.1:

- Architecture and Design for the Avi Vantage Platform
  - Architectural Overview of the Avi Vantage Platform
  - Detailed Design of the Avi Vantage Platform
    - Physical Design of the Avi Vantage Platform
    - Virtual Infrastructure Design of the Avi Vantage Platform
    - Networking Design for the Avi Vantage Platform
    - Avi Controller Design for the Avi Vantage Platform
    - Avi Service Engine Design for the Avi Vantage Platform
    - vSphere Cluster Design for the Avi Vantage Platform
- Planning and Preparation for the Avi Vantage Platform
  - VMware Validated Design Planning and Preparation
- Deployment of the Avi Vantage Platform in the First Region
  - Deployment of Avi Controllers in the First Region
  - Stretched cluster deployments of the Avi Controllers for the Avi Vantage Platform
  - Advanced configurations of the Avi Controller for the Avi Vantage Platform
  - Deployment of Avi Service Engines in the First Region
  - Stretched cluster deployments of the Avi Service Engines for the Avi Vantage Platform

```
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        <i class="fa fa-angle-double-right" aria-hidden="true"></i>
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