

# Software Defined Networking Market by SDN Type (Open SDN, SDN via Overlay, and SDN via API), Component (Solutions and Services), End User (Data Centers, Service Providers, and Enterprises), and Region - Global Forecast to 2023

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# **Abstracts**

Increasing need for advanced network management system to drive the SDN market across the globe

The global SDN market size is projected to grow from USD 8.82 billion in 2018 to USD 28.8 billion by 2023, at a Compound Annual Growth Rate (CAGR) of 26.8% from 2018 to 2023. The exponential increase in the size and complexity of network infrastructures in the past decade created a need for solutions to simplify and efficiently manage the entire network and the Increasing demand for cloud services, data center consolidation, and server virtualization are projected to drive the growth of the market across the globe. However, security concerns as centralized controller can be the single point of attack and failure for SDN networks could restrict the growth of the market.

Based on type, the SDN via API segment to grow at the highest CAGR during the forecast period

The SDN via API segment is projected to grow at the highest rate during the forecast period, as it enables the operators to manage the entire network and devices consistently, regardless of the complexity of the underlying network technology. Additionally, the open APIs support a wide range of applications, including cloud orchestration, OSS/BSS, SaaS, and business-critical networked apps.

By end users, the data center segment to grow at the highest CAGR during the forecast



period

The data center segment is projected to grow at the highest rate during the forecast period, owing to the increasing adoption of SDN in the evolving software-defined data center (SDDC). The rising usage of SDN in the data centers for handling congestion, gaining visibility and control over the flows in a network, and managing the throughput and connectivity is leading the market growth.

The APAC SDN market to grow at the highest CAGR during the forecast period

The APAC SDN market is projected to grow at the highest CAGR during the forecast period, owing to the increasing adoption of SDN solutions and services in China and Japan. Moreover, the growing 4G network, rising broadband cionnectivity, and presence of lerge numbe of data centers are also driving the market.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, innovation and technology directors, and executives from various key organizations operating in the SDN market.

By Company Type: Tier 1 – 35%, Tier 2 – 40%, and Tier 3 – 25%

By Designation: C-level – 65% and Managers – 35%

By Region: North America – 30%, Europe – 35%, Asia Pacific – 25%, and RoW – 10%

The major vendors of SDN solutions and services considered for the study include Cisco (US), VMware (US), Huawei (China), Ciena (US), HPE (US), Juniper Networks (US), NEC (Japan), Extreme Networks (US), Big Switch (US), Pluribus (US), Nokia (Finland), Cumulus (US), Nokia (Finland), Arista (US), and Dell (US).

### Research coverage

The market study covers the SDN market across segments. It aims at estimating the market size and the growth potential of this market across segments based on type, component, end user, and region. The study also includes an in-depth competitive analysis of the key market players, along with their company profiles, key observations related to product and business offerings, recent developments, and key market



strategies.

Key benefits of buying the report

The report is expected to help the market leaders/new entrants in the SDN market by providing them information on the closest approximations of the revenue numbers for the overall SDN market and its segments. This report is also expected to help stakeholders understand the competitive landscape and gain insights to improve the position of their businesses and to plan suitable go-to-market strategies. The report also aims at helping stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.



# **Contents**

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SEGMENTATION
- 1.4 YEARS CONSIDERED FOR THE STUDY
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
- 2.2 PRIMARY AND SECONDARY RESEARCH DATA
  - 2.2.1 SECONDARY DATA
  - 2.2.2 PRIMARY DATA
    - 2.2.2.1 Breakup of primaries
    - 2.2.2.2 Key industry insights by industry experts
- 2.3 MARKET SIZE ESTIMATION
- 2.4 ASSUMPTIONS FOR THE STUDY
- 2.5 MICROQUADRANT METHODOLOGY
- 2.6 ASSUMPTIONS FOR THE STUDY
- 2.7 LIMITATIONS OF THE STUDY

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

- 4.1 ATTRACTIVE MARKET OPPORTUNITIES IN THE GLOBAL SDN MARKET
- 4.2 SDN MARKET, BY TYPE, 2018
- 4.3 ASIA PACIFIC: SDN MARKET, BY TYPE AND END USER, 2018

### **5 MARKET OVERVIEW AND INDUSTRY TRENDS**

- 5.1 INTRODUCTION
- 5.2 MARKET DYNAMICS
  - 5.2.1 DRIVERS
    - 5.2.1.1 Need for advanced network management system to handle the increasing



# network traffic and complexity

- 5.2.1.2 Increase in demand for enterprise mobility to enhance productivity, especially for field-based services
- 5.2.1.3 Increasing demand for cloud services, data center consolidation, and server virtualization
  - 5.2.1.4 Increasing demand for network virtualization and automation
  - 5.2.2 RESTRAINTS
- 5.2.2.1 Security concerns as a centralized controller can be the single point of attack and failure for SDN networks
  - 5.2.3 OPPORTUNITIES
    - 5.2.3.1 Increasing utilization of white-box switches for SDN deployment
    - 5.2.3.2 Adoption of SDN for IoT
    - 5.2.3.3 Increase in demand for private cloud
  - 5.2.3.4 Development of open source SDN
  - 5.2.4 CHALLENGES
    - 5.2.4.1 Reliability concerns for SDN network
    - 5.2.4.2 Balancing network infrastructure between traditional and SDN technology

### **6 SDN MARKET, BY SDN TYPE**

- **6.1 INTRODUCTION**
- 6.2 OPEN SDN
- 6.2.1 A LARGE NUMBER OF SERVICE PROVIDERS TO OPT FOR OPEN SDN 6.3 SDN VIA API
- 6.3.1 GROWING PROLIFERATION OF SDN AMONG ENTERPRISES TO DRIVE SDN VIA API MARKET
- 6.4 SDN VIA OVERLAY
- 6.4.1 DATA CENTERS TO BE THE MAJOR END USERS FOR SDN VIA OVERLAY

## 7 SDN MARKET, BY COMPONENT

- 7.1 INTRODUCTION
- 7.2 SOLUTIONS
  - 7.2.1 CONTROLLER PLANE
- 7.2.1.1 SDN controllers to gain traction owing to the large number of network transformations
  - 7.2.2 DATA PLANE
- 7.2.2.1 Proliferation of hypervisor switches to drive the market for data plane solutions



### 7.2.3 MANAGEMENT PLANE

7.2.3.1 Increasing number of networking applications driving the market growth of management solutions

### 7.3 SERVICES

- 7.3.1 CONSULTING
- 7.3.1.1 Enterprises to adopt consulting services for eliminating network complexities
- 7.3.2 IMPLEMENTATION
  - 7.3.2.1 Network optimization to drive the demand for implementation services
- 7.3.3 TRAINING AND SUPPORT
- 7.3.3.1 Complexities while implementing SDN solutions to bolster the adoption of training and support services

### 8 SDN MARKET, BY END USER

- 8.1 INTRODUCTION
- 8.2 DATA CENTERS
- 8.2.1 DATA CENTERS PRIMARILY RELYING ON SOFTWARE-DEFINED ECOSYSTEM TO MAINTAIN NETWORK AGILITY
- 8.3 SERVICE PROVIDERS
- 8.3.1 DEPLOYMENT OF OPEN SDN TO BE DRIVEN BY THE SERVICE PROVIDERS
- 8.4 ENTERPRISES
  - 8.4.1 BANKING, FINANCIAL SERVICES, AND INSURANCE
- 8.4.1.1 Agile networking infrastructure becoming mandatory for BFSI vertical to copeup with the ever-increasing network traffic through financial transactions
  - 8.4.2 MANUFACTURING
- 8.4.2.1 The large number of connected assets generating the need for agile networking in manufacturing vertical
  - **8.4.3 RETAIL**
  - 8.4.3.1 Increased cloud dependency of the retail vertical to drive its market growth
  - 8.4.4 HEALTHCARE
- 8.4.4.1 Need to manage the large number of connected infrastructures within healthcare vertical driving the adoption of software defined ecosystem
  - 8.4.5 EDUCATION
- 8.4.5.1 A large number of universities deploying SDN in their campuses to offer smooth network functionality
  - 8.4.6 GOVERNMENT AND DEFENSE
- 8.4.6.1 Government and defense sectors to deploy SDN to improve the accessibility of data and systems



### **8.4.7 OTHERS**

### 9 SDN MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA
  - 9.2.1 UNITED STATES
    - 9.2.1.1 Proliferation of SDN within enterprises to drive the market growth
  - **9.2.2 CANADA**
- 9.2.2.1 Canada to forecast highest growth trend in North America in terms of SDN deployments
- 9.3 EUROPE
  - 9.3.1 UNITED KINGDOM
- 9.3.1.1 United Kingdom to adopt SDN solutions on a large scale in Europe due to the emergence of cloud and enterprise mobility
  - 9.3.2 GERMANY
- 9.3.2.1 Germany to grow at a higher growth rate owing to the high demand for managed SDN services
- 9.4 ASIA PACIFIC
  - 9.4.1 JAPAN
    - 9.4.1.1 Data centers to dominate the SDN market in Japan
  - 9.4.2 CHINA
- 9.4.2.1 Large number of enterprise-base is to affect the Chinese SDN market
  9.5 REST OF THE WORLD

### 10 COMPETITIVE LANDSCAPE

- 10.1 COMPETITIVE LEADERSHIP MAPPING
  - 10.1.1 VISIONARY LEADERS
  - 10.1.2 INNOVATORS
  - 10.1.3 DYNAMIC DIFFERENTIATORS
  - 10.1.4 EMERGING COMPANIES
- 10.2 STRENGTH OF PRODUCT PORTFOLIO (15 PLAYERS)
- 10.3 BUSINESS STRATEGY EXCELLENCE (15 PLAYERS)
- 10.4 RANKING OF KEY PLAYERS FOR THE SDN MARKET, 2018

### 11 COMPANY PROFILES

(Business overview, Products offered, Solutions Offered, Recent developments & MnM



# View)\*

- 11.1 CISCO
- 11.2 VMWARE
- **11.3 HUAWEI**
- **11.4 CIENA**
- 11.5 HPE
- 11.6 JUNIPER NETWORKS
- 11.7 NEC
- 11.8 EXTREME NETWORKS
- 11.9 BIG SWITCH NETWORKS
- 11.10 PLURIBUS NETWORKS
- 11.11 NOKIA
- **11.12 ORACLE**
- 11.13 CUMULUS NETWORKS
- 11.14 ARISTA NETWORKS
- 11.15 PICA8

### **12 APPENDIX**

- 12.1 DISCUSSION GUIDE
- 12.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 12.3 AVAILABLE CUSTOMIZATION
- 12.4 RELATED REPORTS
- 12.5 AUTHOR DETAILS

<sup>\*</sup>Details on Business overview, Products offered, Solutions Offered, Recent developments & MnM View might not be captured in case of unlisted companies.



# **List Of Tables**

### LIST OF TABLES

TABLE 1 UNITED STATES DOLLAR EXCHANGE RATE, 2015-2017

TABLE 2 SDN MARKET SIZE, BY TYPE, 2018—2023 (USD BILLION)

TABLE 3 OPEN SDN: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 4 SDN VIA API: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 5 SDN VIA OVERLAY: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 6 SDN MARKET SIZE, BY COMPONENT, 2018—2023 (USD BILLION)

TABLE 7 SOLUTIONS: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 8 SOLUTIONS: SDN MARKET SIZE, BY TYPE, 2018—2023 (USD BILLION)

TABLE 9 CONTROLLER PLANE MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 10 DATA PLANE MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 11 MANAGEMENT PLANE MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 12 SERVICES: SDN MARKET SIZE, BY REGION, 2018—2023(USD BILLION)

TABLE 13 SERVICES: SDN MARKET SIZE, BY TYPE, 2018—2023(USD BILLION)

TABLE 14 CONSULTING MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 15 IMPLEMENTATION MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 16 TRAINING AND SUPPORT: SDN MARKET SIZE, BY REGION, 2016–2023 (USD BILLION)

TABLE 17 SDN MARKET SIZE, BY END USER, 2018—2023(USD BILLION)

TABLE 18 DATA CENTERS: SDN MARKET SIZE, BY REGION, 2018—2023(USD BILLION)

TABLE 19 SERVICE PROVIDERS: SDN MARKET SIZE, BY REGION,

2018—2023(USD BILLION)

TABLE 20 ENTERPRISES: SDN MARKET SIZE, BY VERTICAL, 2018—2023(USD BILLION)

TABLE 21 ENTERPRISES: SDN MARKET SIZE, BY REGION, 2018—2023(USD BILLION)

TABLE 22 BANKING, FINANCIAL SERVICES, AND INSURANCE: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 23 MANUFACTURING: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 24 RETAIL: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)



TABLE 25 HEALTHCARE: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 26 EDUCATION: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 27 GOVERNMENT AND DEFENSE: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 28 OTHERS: SDN MARKET SIZE, BY REGION, 2018—2023 (USD BILLION)

TABLE 29 SDN MARKET SIZE, BY REGION, 2016–2023 (USD BILLION)

TABLE 30 NORTH AMERICA: SDN MARKET SIZE, BY COMPONENT, 2016–2023 (USD BILLION)

TABLE 31 NORTH AMERICA: SDN MARKET SIZE, BY SOLUTION, 2016–2023 (USD BILLION)

TABLE 32 NORTH AMERICA: SDN MARKET SIZE, BY SERVICE, 2016–2023 (USD BILLION)

TABLE 33 NORTH AMERICA: SDN MARKET SIZE, BY SDN TYPE, 2016–2023 (USD BILLION)

TABLE 34 NORTH AMERICA: SDN MARKET SIZE, BY END USER, 2016–2023 (USD BILLION)

TABLE 35 NORTH AMERICA: SDN MARKET SIZE, BY ENTERPRISE, 2016–2023 (USD BILLION)

TABLE 36 NORTH AMERICA: SDN MARKET SIZE, BY COUNTRY, 2016–2023 (USD BILLION)

TABLE 37 EUROPE: SDN MARKET SIZE, BY COMPONENT, 2016–2023 (USD BILLION)

TABLE 38 EUROPE: SDN MARKET SIZE, BY SOLUTION, 2016–2023 (USD BILLION)

TABLE 39 EUROPE: SDN MARKET SIZE, BY SERVICE, 2016–2023 (USD BILLION)

TABLE 40 EUROPE: SDN MARKET SIZE, BY SDN TYPE, 2016–2023 (USD BILLION)

TABLE 41 EUROPE: SDN MARKET SIZE, BY END USER, 2016–2023 (USD BILLION)

TABLE 42 EUROPE: SDN MARKET SIZE, BY ENTERPRISE, 2016–2023 (USD BILLION)

TABLE 43 EUROPE: SDN MARKET SIZE, BY COUNTRY, 2016–2023 (USD BILLION) TABLE 44 ASIA PACIFIC: SDN MARKET SIZE, BY COMPONENT, 2016–2023 (USD

BILLION)

TABLE 45 ASIA PACIFIC: SDN MARKET SIZE, BY SOLUTION, 2016–2023 (USD BILLION)

TABLE 46 ASIA PACIFIC: SDN MARKET SIZE, BY SERVICE, 2016–2023 (USD BILLION)

TABLE 47 ASIA PACIFIC: SDN MARKET SIZE, BY SDN TYPE, 2016–2023 (USD BILLION)



TABLE 48 ASIA PACIFIC: SDN MARKET SIZE, BY END USER, 2016–2023 (USD BILLION)

TABLE 49 ASIA PACIFIC: SDN MARKET SIZE, BY ENTERPRISE, 2016–2023 (USD BILLION)

TABLE 50 ASIA PACIFIC: SDN MARKET SIZE, BY COUNTRY, 2016–2023 (USD BILLION)

TABLE 51 REST OF THE WORLD: SDN MARKET SIZE, BY COMPONENT, 2016–2023 (USD BILLION)

TABLE 52 REST OF THE WORLD: SDN MARKET SIZE, BY SOLUTION, 2016–2023 (USD BILLION)

TABLE 53 REST OF THE WORLD: SDN MARKET SIZE, BY SERVICE, 2016–2023 (USD BILLION)

TABLE 54 REST OF THE WORLD: SDN MARKET SIZE, BY SDN TYPE, 2016–2023 (USD BILLION)

TABLE 55 REST OF THE WORLD: SDN MARKET SIZE, BY END-USERS, 2016–2023 (USD BILLION)

TABLE 56 REST OF THE WORLD: SDN MARKET SIZE, BY ENTERPRISE, 2016–2023 (USD BILLION)

TABLE 57 REST OF THE WORLD: SDN MARKET SIZE, BY COUNTRY, 2016–2023 (USD BILLION)



# **List Of Figures**

### LIST OF FIGURES

FIGURE 1 GLOBAL SOFTWARE DEFINED NETWORKING: MARKET

**SEGMENTATION** 

FIGURE 2 SDN MARKET: RESEARCH DESIGN

FIGURE 3 RESEARCH METHODOLOGY

FIGURE 4 MARKET BREAKUP AND DATA TRIANGULATION

FIGURE 5 SDN MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP

AND TOP-DOWN APPROACHES

FIGURE 6 MICROQUADRANT MATRIX: CRITERIA WEIGHTAGE

FIGURE 7 SDN MARKET IN A NUTSHELL

FIGURE 8 SOLUTIONS TO ACCOUNT FOR A HIGHER MARKET SHARE DURING THE FORECAST PERIOD

FIGURE 9 SDN VIA OVERLAY TO HOLD THE HIGHEST MARKET SHARE DURING THE FORECAST PERIOD

FIGURE 10 BFSI TO HOLD THE LARGEST MARKET SIZE DURING THE FORECAST PERIOD

FIGURE 11 ASIA PACIFIC TO GROW AT THE FASTEST RATE DURING THE FORECAST PERIOD

FIGURE 12 PROLIFERATION OF COMPLEX NETWORK INFRASTRUCTURES TO DRIVE THE GLOBAL SDN MARKET

FIGURE 13 SDN VIA OVERLAY TO HOLD THE HIGHEST MARKET SHARE IN 2018 FIGURE 14 SDN VIA OVERLAY TYPE AND DATA CENTERS END-USER SEGMENT TO HOLD

THE MAJORITY OF MARKET SHARES IN ASIA PACIFIC

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: SDN MARKET

FIGURE 16 SDN VIA API TYPE TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 17 SOLUTIONS SEGMENT TO GROW AT A HIGHER CAGR DURING THE FORECAST PERIOD

FIGURE 18 CONTROLLER PLANE SEGMENT TO GROW AT A HIGHER CAGR DURING

THE FORECAST PERIOD

FIGURE 19 TRAINING AND SUPPORT SERVICES SEGMENT TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

FIGURE 20 DATA CENTERS SEGMENT TO GROW AT A HIGHER CAGR DURING



THE FORECAST PERIOD

FIGURE 21 BFSI SEGMENT TO WITNESS THE LARGEST MARKET SHARE CAGR DURING

THE FORECAST PERIOD

FIGURE 22 ASIA PACIFIC TO GROW AT THE HIGHEST CAGR DURING THE

**FORECAST PERIOD** 

FIGURE 23 NORTH AMERICA: MARKET SNAPSHOT

FIGURE 24 ASIA PACIFIC: MARKET SNAPSHOT

FIGURE 25 SDN MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018

FIGURE 26 RANKING OF KEY PLAYERS, 2018

FIGURE 27 CISCO: COMPANY SNAPSHOT

FIGURE 28 VMWARE: COMPANY SNAPSHOT

FIGURE 29 HUAWEI: COMPANY SNAPSHOT

FIGURE 30 CIENA: COMPANY SNAPSHOT

FIGURE 31 HPE: COMPANY SNAPSHOT

FIGURE 32 JUNIPER NETWORKS: COMPANY SNAPSHOT

FIGURE 33 NEC: COMPANY SNAPSHOT

FIGURE 34 EXTREME NETWORKS: COMPANY SNAPSHOT

FIGURE 35 NOKIA: COMPANY SNAPSHOT FIGURE 36 ORACLE: COMPANY SNAPSHOT



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