

Virtual Extensible LAN (VXLAN) Market by Offering (Hardware, Software, Services), Application (Software-Defined Networking Overlays, Network Function Virtualization), Vertical (Manufacturing, BFSI, Healthcare) and Region - Global Forecast to 2029

<https://marketpublishers.com/r/V9C4C4246881EN.html>

Date: June 2024

Pages: 268

Price: US\$ 3,217.50 (Single User License)

ID: V9C4C4246881EN

Abstracts

The VXLAN market is estimated to be USD 1.6 billion to USD 3.2 billion at a CAGR of 15.0% from 2024 to 2029. The rapid expansion of IoT devices requires a network that can handle numerous, geographically dispersed endpoints while ensuring security and manageability. VXLAN provides the necessary network segmentation and scalability to integrate IoT devices seamlessly into the existing network infrastructure, facilitating efficient and secure communication, driving the adoption of VXLAN market.

“The Network Management And Orchestration Software segment is projected to register the highest CAGR during the forecast period.”

Network management and orchestration software are critical for overseeing and automating the operations of VXLAN networks. These tools provide centralized control over the entire network, enabling administrators to efficiently manage configurations, monitor performance, and enforce policies across VXLAN environments. Cisco ACI (Application Centric Infrastructure) and VMware vRealize Network Insight are leading examples of such software. These tools offer comprehensive visibility into network operations, facilitating proactive management and troubleshooting. They support automated provisioning and orchestration, which streamline the deployment of network services and ensure consistent policy application.

The BFSI vertical segment contributed the largest market share in the VXLAN market during the forecast period.

The BFSI sector benefits from VXLAN's ability to provide secure and isolated network environments. Financial institutions handle sensitive data and require robust security measures to prevent breaches. VXLAN supports micro-segmentation, allowing banks to isolate critical applications and customer data from potential threats. Additionally, VXLAN's scalability helps financial institutions manage large-scale data centers and disaster recovery sites, ensuring business continuity and regulatory compliance.

'Asia Pacific will register the highest growth rate during the forecast period.'

In the Asia Pacific region, the growth of the VXLAN market is also influenced by the rapid advancement of 5G networks and the increasing deployment of edge computing. Telecommunications companies are leveraging VXLAN to create flexible, scalable network architectures that can support the high bandwidth and low latency requirements of 5G. Moreover, the push towards smart manufacturing and Industry 4.0 across countries like South Korea and Taiwan is driving the need for advanced network virtualization technologies. These industries require reliable and scalable networking solutions to support real-time data processing and seamless connectivity between machines and control systems. Furthermore, the region's focus on enhancing cybersecurity and regulatory compliance in sectors such as finance and government underscores the importance of VXLAN's ability to provide secure, isolated network segments, ensuring data protection and adherence to local regulations.

Breakdown of primaries

The study contains insights from various industry experts, from solution vendors to Tier 1 companies. The break-up of the primaries is as follows:

By Company Type: Tier 1 – 35%, Tier 2 – 39%, and Tier 3 – 26%

By Designation: C-level – 25%, D-level – 35%, and Managers – 40%

By Region: North America – 38%, Europe – 40%, Asia Pacific – 21%, ROW- 1%.

The major players in the VXLAN market are Cisco Systems (US), Hewlett Packard Enterprise (US), VMware (US), Juniper Networks (US), Arista Networks (US), Nutanix, Inc. (US), NVIDIA Corporation (US), Citrix Systems (US), Dell Technologies Inc (US), Microsoft Corporation, Inc. (US), Huawei (China), Nokia Corporation (Finland), Keysight

Technologies, Inc. (US), Red Hat (US), Ribbon Communications Inc. (US), Extreme Networks, Inc. (US), FS.COM (US), Spirent Communications Inc. (US), Pica8 (US), Arrcus (US), IP Infusion (US), Cubro Network Visibility (Austria), Versa Networks (US), Asterfusion (China), and A10 Networks (US). These players have adopted various growth strategies, such as partnerships, agreements and collaborations, new product launches, product enhancements, and acquisitions to expand their VXLAN footprint.

Research Coverage

The market study covers the VXLAN market size across different segments. It aims to estimate the market size and the growth potential across various segments, including offering (hardware and software, and services), verticals, applications, and region. The study includes an in-depth competitive analysis of the leading market players, their company profiles, key observations related to product and business offerings, recent developments, and market strategies.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants with information on the closest approximations of the global VXLAN market's revenue numbers and subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. Moreover, the report will provide insights for stakeholders to understand the market's pulse and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (increased demand for scalable network segmentation, need for secure multi-tenancy in cloud data centers, rise of containerized applications.), restraints (lexity and deployment costs), opportunities (expansion of iot and edge computing

emergence of 5g networks) and challenges (increased network complexity, maturity of the technology) influencing the growth of the VXLAN market. Product

Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and new product and service launches in the VXLAN market.

Market Development: Comprehensive information about lucrative markets – the report analyses various regions' VXLAN markets. Market Diversification: Exhaustive

information about new products and services, untapped geographies, recent developments, and investments in the VXLAN market. Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like Cisco Systems (US), Hewlett Packard Enterprise (US), VMware (US), Juniper Networks (US), Arista Networks (US), Nutanix, Inc. (US), NVIDIA Corporation (US), Citrix Systems (US), Dell Technologies Inc (US), Microsoft Corporation, Inc. (US), Huawei (China), Nokia Corporation (Finland).

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKET SEGMENTATION
 - 1.3.2 REGIONS COVERED
 - 1.3.3 INCLUSIONS & EXCLUSIONS
- 1.4 YEARS CONSIDERED
- 1.5 CURRENCY CONSIDERED
- TABLE 1 USD EXCHANGE RATES, 2019–2023
- 1.6 STAKEHOLDERS
- 1.7 IMPACT OF RECESSION

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 VXLAN MARKET: RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Primary interviews with experts
 - 2.1.2.2 Breakdown of primary profiles
 - FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS, BY COMPANY TYPE, DESIGNATION, AND REGION
 - 2.1.2.3 Key insights from industry experts
- 2.2 MARKET SIZE ESTIMATION
 - FIGURE 3 VXLAN MARKET: TOP-DOWN AND BOTTOM-UP APPROACHES
 - 2.2.1 TOP-DOWN APPROACH
 - FIGURE 4 APPROACH 1 (SUPPLY SIDE): REVENUE OF VENDORS IN VXLAN MARKET
 - 2.2.2 BOTTOM-UP APPROACH
 - FIGURE 5 APPROACH 2 (DEMAND SIDE): VXLAN MARKET
 - 2.2.3 VXLAN MARKET ESTIMATION: DEMAND-SIDE ANALYSIS
 - FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: DEMAND-SIDE ANALYSIS
 - FIGURE 7 MARKET SIZE ESTIMATION USING BOTTOM-UP APPROACH
 - 2.3 DATA TRIANGULATION
 - FIGURE 8 VXLAN MARKET: DATA TRIANGULATION

2.4 RISK ASSESSMENT

TABLE 2 VXLAN MARKET: RISK ASSESSMENT

2.5 RESEARCH ASSUMPTIONS

TABLE 3 VXLAN MARKET: RESEARCH ASSUMPTIONS

2.6 LIMITATIONS

2.7 IMPACT OF RECESSION ON VXLAN MARKET

3 EXECUTIVE SUMMARY

FIGURE 9 VXLAN MARKET, 2022–2029 (USD MILLION)

FIGURE 10 VXLAN MARKET, BY REGION (2024)

4 PREMIUM INSIGHTS

4.1 OPPORTUNITIES FOR PLAYERS IN VXLAN MARKET

FIGURE 11 INCREASED NETWORK SEGMENTATION AND CONNECTIVITY NEEDS BETWEEN DATA CENTERS TO DRIVE MARKET

4.2 VXLAN MARKET, BY OFFERING

FIGURE 12 SERVICES SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

4.3 VXLAN MARKET, BY SERVICE

FIGURE 13 MANAGED SERVICES SEGMENT TO ACCOUNT FOR HIGHER CAGR DURING FORECAST PERIOD

4.4 VXLAN MARKET, BY PROFESSIONAL SERVICE

FIGURE 14 SUPPORT & MAINTENANCE SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

4.5 VXLAN MARKET, BY APPLICATION

FIGURE 15 SDN OVERLAYS SEGMENT TO REGISTER LARGEST MARKET DURING FORECAST PERIOD

4.6 VXLAN MARKET, BY VERTICAL

FIGURE 16 BFSI SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

4.7 NORTH AMERICA: VXLAN MARKET, BY KEY APPLICATION AND END USER

FIGURE 17 SDN OVERLAYS AND BFSI SEGMENTS TO ACCOUNT FOR SIGNIFICANT MARKET SHARES IN 2024

5 MARKET OVERVIEW AND INDUSTRY TRENDS

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: VXLAN MARKET

5.2.1 DRIVERS

- 5.2.1.1 Increased demand for scalable network segmentation
- 5.2.1.2 Surging need for secure multi-tenancy in cloud data centers
- 5.2.1.3 Rise of containerized applications

5.2.2 RESTRAINTS

- 5.2.2.1 Complexity and deployment costs

5.2.3 OPPORTUNITIES

- 5.2.3.1 Expansion of IoT and edge computing
- 5.2.3.2 Emergence of 5G networks

5.2.4 CHALLENGES

- 5.2.4.1 Increased network complexity
- 5.2.4.2 Maturity of technology

5.3 BRIEF HISTORY OF VXLAN TECHNOLOGY

FIGURE 19 BRIEF HISTORY OF VXLAN TECHNOLOGY

5.3.1 2011: VXLAN PROPOSAL AND INITIAL DEVELOPMENT

5.3.2 2012–2013: INITIAL ADOPTION AND INDUSTRY SUPPORT

5.3.3 2014–2015: STANDARDIZATION AND INTEGRATION WITH SOFTWARE- DEFINED NETWORKING

5.3.4 2016–2018: ENHANCED CAPABILITIES AND CONTROL PLANE INTEGRATION

5.3.5 2019–PRESENT: BROAD ADOPTION AND ADVANCED USE CASES

5.4 ECOSYSTEM ANALYSIS

FIGURE 20 KEY PLAYERS IN VXLAN MARKET ECOSYSTEM

TABLE 4 VXLAN MARKET: ECOSYSTEM

5.5 CASE STUDY ANALYSIS

5.5.1 IKOULA ADOPTED HUAWEI DATA CENTER NETWORK SOLUTION TO SIMPLIFY SERVICE DEPLOYMENT AND IMPROVE SYSTEM RELIABILITY

5.5.2 VXLAN NETWORKING TECHNOLOGY HELPED TELECOM OPERATOR ENHANCE FLEXIBILITY AND RESOURCE UTILIZATION

5.5.3 FS' VXLAN CENTRALIZED GATEWAY SOLUTION ASSISTED PRIVATE SCHOOL ENHANCE EFFICIENCY AND CENTRALIZE NETWORK MANAGEMENT

5.5.4 JUNIPER NETWORKS' AI-DRIVEN CAMPUS FABRICS PROVIDED EFFICIENT AND SCALABLE METHODS TO CONSTRUCT AND INTERCONNECT ENTERPRISE NETWORKS

5.5.5 DEPLOYMENT OF CISCO VXLAN EVPN ENABLED THE UNIVERSITY OF MINNESOTA TO INCREASE DATA CENTER PERFORMANCE AND IMPROVE RESILIENCY

5.6 SUPPLY CHAIN ANALYSIS

5.6.1 VXLAN MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 21 VXLAN MARKET: SUPPLY CHAIN ANALYSIS

5.6.2 REGULATORY LANDSCAPE

5.6.2.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 5 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 6 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 7 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 8 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.6.2.2 North America

5.6.2.2.1 US

5.6.2.2.2 Canada

5.6.2.3 Europe

5.6.2.3.1 Germany

5.6.2.3.2 UK

5.6.2.3.3 Germany

5.6.2.3.4 France

5.6.2.4 Asia Pacific

5.6.2.4.1 China

5.6.2.4.2 India

5.6.2.4.3 Japan

5.6.2.5 RoW

5.6.2.5.1 Brazil

5.6.2.5.2 South Africa

5.6.2.5.3 UAE

5.7 PATENT ANALYSIS

FIGURE 22 LIST OF MAJOR PATENTS FOR VXLAN

5.7.1 LIST OF MAJOR PATENTS

5.8 PRICING ANALYSIS

5.8.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY HARDWARE

FIGURE 23 AVERAGE SELLING PRICE TRENDS OF KEY PLAYERS, BY HARDWARE (USD)

TABLE 9 AVERAGE SELLING PRICE TRENDS OF KEY PLAYERS, BY HARDWARE (USD)

- 5.8.2 INDICATIVE PRICING ANALYSIS OF KEY PLAYERS, BY SOFTWARE
- TABLE 10 INDICATIVE PRICING ANALYSIS OF VXLAN, BY SOFTWARE (USD)
- 5.9 PORTER'S FIVE FORCES ANALYSIS
- TABLE 11 VXLAN MARKET: PORTER'S FIVE FORCES ANALYSIS
- FIGURE 24 PORTER'S FIVE FORCES ANALYSIS: VXLAN MARKET
- 5.9.1 THREAT OF NEW ENTRANTS
- 5.9.2 THREAT OF SUBSTITUTES
- 5.9.3 BARGAINING POWER OF BUYERS
- 5.9.4 BARGAINING POWER OF SUPPLIERS
- 5.9.5 INTENSITY OF COMPETITIVE RIVALRY
- 5.10 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES
- FIGURE 25 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES
- 5.11 KEY STAKEHOLDERS & BUYING CRITERIA
- 5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS
- FIGURE 26 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY END USERS
- TABLE 12 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY END USERS (%)
- 5.11.2 BUYING CRITERIA
- FIGURE 27 KEY BUYING CRITERIA FOR TOP THREE END USERS
- TABLE 13 KEY BUYING CRITERIA FOR TOP END USERS
- 5.12 KEY CONFERENCES & EVENTS IN 2023–2024
- TABLE 14 VXLAN MARKET: DETAILED LIST OF CONFERENCES & EVENTS, 2023–2024
- 5.13 TECHNOLOGY ANALYSIS
- 5.13.1 KEY TECHNOLOGIES
- 5.13.1.1 Virtual LAN
- 5.13.1.2 Ethernet VPN
- 5.13.1.3 Generic network virtualization encapsulation
- 5.13.2 ADJACENT TECHNOLOGIES
- 5.13.2.1 Software-defined networking
- 5.13.2.2 Network functions virtualization
- 5.13.2.3 Containerization
- 5.13.3 COMPLEMENTARY TECHNOLOGIES
- 5.13.3.1 Generic routing encapsulation
- 5.13.3.2 Network virtualization using generic routing encapsulation
- 5.14 BEST PRACTICES IN VXLAN MARKET
- 5.14.1 NETWORK DESIGN AND ARCHITECTURE
- 5.14.2 SECURITY

- 5.14.3 MANAGEMENT AND AUTOMATION
- 5.14.4 MONITORING AND TROUBLESHOOTING
- 5.14.5 INTEROPERABILITY
- 5.14.6 PERFORMANCE OPTIMIZATION
- 5.14.7 REDUNDANCY AND HIGH AVAILABILITY
- 5.14.8 COMPLIANCE AND DOCUMENTATION
- 5.14.9 TRAINING AND SKILLS DEVELOPMENT
- 5.15 CURRENT AND EMERGING BUSINESS MODELS
 - 5.15.1 SUBSCRIPTION-BASED PRICING
 - 5.15.2 USAGE-BASED PRICING
 - 5.15.3 VALUE-BASED PRICING
 - 5.15.4 TIERED SERVICE LEVELS
- 5.16 VXLAN TOOLS, FRAMEWORKS, AND TECHNIQUES
- 5.17 FUTURE LANDSCAPE OF VXLAN MARKET
 - 5.17.1 SHORT-TERM ROADMAP (2023–2025)
 - 5.17.2 MID-TERM ROADMAP (2026–2028)
 - 5.17.3 LONG-TERM ROADMAP (2029–2030)
- 5.18 INVESTMENT FUNDING AND SCENARIO
- 5.19 HS CODE: PROCESSORS AND CONTROLLERS, WHETHER OR NOT COMBINED WITH MEMORIES, CONVERTERS, LOGIC CIRCUITS, AMPLIFIERS, CLOCK AND TIMING CIRCUITS, OR OTHER CIRCUITS (8542)
FIGURE 28 EXPORT SCENARIO FOR HS CODE: 8542, BY COUNTRY, 2021–2023 (USD BILLION)
FIGURE 29 IMPORT SCENARIO FOR HS CODE: 8542, BY COUNTRY, 2021–2023 (USD BILLION)
- 5.20 VXLAN DEPLOYMENT ARCHITECTURE
 - 5.20.1 INTRODUCTION
 - 5.20.1.1 Single-VTEP overlay
 - 5.20.1.2 Multiple-VTEP overlay
 - 5.20.1.3 Spine-leaf fabric with VXLAN
 - 5.20.1.4 VXLAN with EVPN

6 VXLAN MARKET, BY OFFERING

6.1 INTRODUCTION

FIGURE 30 HARDWARE SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

6.1.1 OFFERING: VXLAN MARKET DRIVERS

TABLE 15 VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 16 VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)**6.2 HARDWARE****6.2.1 HARDWARE TO ENABLE ORGANIZATIONS CREATE SCALABLE, FLEXIBLE, AND SECURE VIRTUAL NETWORK OVERLAYS****TABLE 17 VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)****TABLE 18 VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)****TABLE 19 HARDWARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 20 HARDWARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.2.2 SWITCHES****TABLE 21 SWITCHES: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 22 SWITCHES: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.2.3 ROUTERS****TABLE 23 ROUTERS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 24 ROUTERS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.2.4 OTHER HARDWARE****TABLE 25 OTHER HARDWARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 26 OTHER HARDWARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.3 SOFTWARE****6.3.1 VXLAN SOFTWARE TO ENSURE EFFICIENT OPERATION, MANAGEMENT, AND TROUBLESHOOTING OF VXLAN-BASED NETWORKS****TABLE 27 VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)****TABLE 28 VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)****TABLE 29 SOFTWARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 30 SOFTWARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.3.2 VXLAN-ENABLED NETWORK OPERATING SYSTEMS****TABLE 31 VXLAN-ENABLED NETWORK OPERATING SYSTEMS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 32 VXLAN-ENABLED NETWORK OPERATING SYSTEMS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.3.3 NETWORK VIRTUALIZATION SOFTWARE****TABLE 33 NETWORK VIRTUALIZATION SOFTWARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 34 NETWORK VIRTUALIZATION SOFTWARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****6.3.4 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE****TABLE 35 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)**

TABLE 36 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.3.5 VXLAN TESTING & ANALYSIS TOOLS

TABLE 37 VXLAN TESTING & ANALYSIS TOOLS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 38 VXLAN TESTING & ANALYSIS TOOLS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.4 SERVICES

6.4.1 VXLAN SERVICES TO HELP COMPANIES SIMPLIFY NETWORK MANAGEMENT AND ACHIEVE GREATER FLEXIBILITY

FIGURE 31 MANAGED SERVICES SEGMENT TO REGISTER HIGHER GROWTH RATE DURING FORECAST PERIOD

TABLE 39 VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 40 VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 41 SERVICES: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 42 SERVICES: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.4.2 PROFESSIONAL SERVICES

FIGURE 32 CONSULTING SERVICES SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 43 VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 44 VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 45 PROFESSIONAL SERVICES: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 46 PROFESSIONAL SERVICES: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.4.2.1 Consulting

TABLE 47 CONSULTING: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 48 CONSULTING: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.4.2.2 Deployment & integration

TABLE 49 DEPLOYMENT & INTEGRATION: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 50 DEPLOYMENT & INTEGRATION: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

6.4.2.3 Support & maintenance

TABLE 51 SUPPORT & MAINTENANCE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 52 SUPPORT & MAINTENANCE: VXLAN MARKET, BY REGION, 2024–2029

(USD MILLION)

6.4.3 MANAGED SERVICES

TABLE 53 MANAGED SERVICES: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 54 MANAGED SERVICES: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

7 VXLAN MARKET, BY APPLICATION

7.1 INTRODUCTION

FIGURE 33 WORKLOAD MOBILITY SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD

7.1.1 APPLICATION: VXLAN MARKET DRIVERS

TABLE 55 VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 56 VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

7.2 MULTI-TENANCY

7.2.1 MULTI-TENANCY TO ALLOW MULTIPLE TENANTS SHARE SAME PHYSICAL INFRASTRUCTURE WHILE MAINTAINING COMPLETE ISOLATION

TABLE 57 MULTI-TENANCY: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 58 MULTI-TENANCY: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

7.3 WORKLOAD MOBILITY

7.3.1 WORKLOAD MOBILITY TO REDUCE DOWNTIME DURING MAINTENANCE OR SCALING OPERATIONS AND IMPROVE BUSINESS CONTINUITY

TABLE 59 WORKLOAD MOBILITY: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 60 WORKLOAD MOBILITY: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

7.4 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS

7.4.1 DYNAMIC PROVISIONING AND MANAGEMENT OF NETWORK RESOURCES TO ENHANCE AGILITY AND REDUCE OPERATIONAL COMPLEXITY

TABLE 61 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 62 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

7.5 NETWORK FUNCTION VIRTUALIZATION (NFV)

7.5.1 NFV COMBINED WITH VXLAN TO ENHANCE SERVICE DELIVERY AND CUSTOMER SATISFACTION

TABLE 63 NETWORK FUNCTION VIRTUALIZATION (NFV): VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 64 NETWORK FUNCTION VIRTUALIZATION (NFV): VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

7.6 OTHER APPLICATIONS

TABLE 65 OTHER APPLICATIONS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 66 OTHER APPLICATIONS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

8 VXLAN MARKET, BY VERTICAL

8.1 INTRODUCTION

FIGURE 34 HEALTHCARE SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

8.1.1 VERTICAL: VXLAN MARKET DRIVERS

TABLE 67 VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 68 VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

8.2 MANUFACTURING

8.2.1 VXLAN TO ENABLE REAL-TIME MONITORING, PREDICTIVE MAINTENANCE, AND EFFICIENT SUPPLY CHAIN MANAGEMENT

8.2.2 MANUFACTURING: VXLAN USE CASES

8.2.2.1 Industrial IoT integration

8.2.2.2 Factory floor network segmentation

8.2.2.3 Enhanced security

8.2.2.4 Remote management and monitoring

TABLE 69 MANUFACTURING: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 70 MANUFACTURING: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

8.3 HEALTHCARE

8.3.1 VXLAN TO ENABLE SEGMENTATION OF SENSITIVE PATIENT DATA AND ENSURE COMPLIANCE WITH REGULATORY REQUIREMENTS

8.3.2 HEALTHCARE: VXLAN USE CASES

8.3.2.1 Electronic health records (EHR) management

8.3.2.2 Telemedicine and remote monitoring

8.3.2.3 Hospital network segmentation

8.3.2.4 Medical device integration

TABLE 71 HEALTHCARE: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 72 HEALTHCARE: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)**8.4 BANKING, FINANCIAL SERVICES, AND INSURANCE****8.4.1 VXLAN'S SCALABILITY TO HELP FINANCIAL INSTITUTIONS MANAGE
LARGE-SCALE DATA CENTERS AND DISASTER RECOVERY SITES****8.4.2 BFSI: VXLAN USE CASES****8.4.2.1 Branch office connectivity****8.4.2.2 Enhanced customer services****8.4.2.3 Secure network segmentation****TABLE 73 BFSI: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 74 BFSI: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****8.5 MEDIA & ENTERTAINMENT****8.5.1 VXLAN TO ENABLE EFFICIENT MANAGEMENT OF DATA-INTENSIVE
APPLICATIONS AND ENSURE LOW-LATENCY CONNECTIVITY FOR LIVE
BROADCASTS****8.5.2 MEDIA & ENTERTAINMENT: VXLAN USE CASES****8.5.2.1 High-definition content production and editing****8.5.2.2 Live streaming and broadcast****8.5.2.3 Content delivery networks****TABLE 75 MEDIA & ENTERTAINMENT: VXLAN MARKET, BY REGION, 2018–2023
(USD MILLION)****TABLE 76 MEDIA & ENTERTAINMENT: VXLAN MARKET, BY REGION, 2024–2029
(USD MILLION)****8.6 RETAIL****8.6.1 VXLAN TO ENHANCE OVERALL SHOPPING EXPERIENCE AND SUPPORT
INNOVATIONS SUCH AS PERSONALIZED MARKETING****8.6.2 RETAIL: VXLAN USE CASES****8.6.2.1 Enhanced customer experience****8.6.2.2 eCommerce and omnichannel retailing****8.6.2.3 Point-of-sale (POS) systems****8.6.2.4 Inventory management****TABLE 77 RETAIL: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)****TABLE 78 RETAIL: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)****8.7 GOVERNMENT****8.7.1 VXLAN TO HELP GOVERNMENT AGENCIES IMPROVE SERVICE DELIVERY
AND OPERATIONAL EFFICIENCY****8.7.2 GOVERNMENT: VXLAN USE CASES****8.7.2.1 Inter-agency collaboration****8.7.2.2 Smart city initiatives****8.7.2.3 E-government services**

8.7.2.4 Military and defense networks

TABLE 79 GOVERNMENT: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 80 GOVERNMENT: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

8.8 TELECOMMUNICATIONS

8.8.1 VXLAN TO FACILITATE NETWORK SLICING AND ENABLE EFFICIENT MANAGEMENT OF RESOURCES

8.8.2 TELECOMMUNICATIONS: VXLAN USE CASES

8.8.2.1 5G network deployment

8.8.2.2 Network function virtualization (NFV)

8.8.2.3 Data center interconnect (DCI)

8.8.2.4 Enhanced mobile backhaul

TABLE 81 TELECOMMUNICATIONS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 82 TELECOMMUNICATIONS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

8.9 IT & ITES

8.9.1 LEVERAGING VXLAN TO HELP IT SERVICE PROVIDERS DELIVER HIGH-QUALITY SERVICES

8.9.2 IT & ITES: VXLAN USE CASES

8.9.2.1 Cloud integration

8.9.2.2 Enhanced security through micro-segmentation

8.9.2.3 Network automation & orchestration

TABLE 83 IT & ITES: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 84 IT & ITES: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

8.10 OTHER VERTICALS

TABLE 85 OTHER VERTICALS: VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 86 OTHER VERTICALS: VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

9 VXLAN MARKET, BY REGION

9.1 INTRODUCTION

TABLE 87 VXLAN MARKET, BY REGION, 2018–2023 (USD MILLION)

TABLE 88 VXLAN MARKET, BY REGION, 2024–2029 (USD MILLION)

9.2 NORTH AMERICA

9.2.1 NORTH AMERICA: VXLAN MARKET DRIVERS

9.2.2 NORTH AMERICA: RECESSION IMPACT

FIGURE 35 NORTH AMERICA: VXLAN MARKET SNAPSHOT

TABLE 89 NORTH AMERICA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 90 NORTH AMERICA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 91 NORTH AMERICA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 92 NORTH AMERICA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 93 NORTH AMERICA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 94 NORTH AMERICA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 95 NORTH AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 96 NORTH AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 97 NORTH AMERICA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 98 NORTH AMERICA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 99 NORTH AMERICA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 100 NORTH AMERICA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 101 NORTH AMERICA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 102 NORTH AMERICA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 103 NORTH AMERICA: VXLAN MARKET, BY COUNTRY, 2018–2023 (USD MILLION)

TABLE 104 NORTH AMERICA: VXLAN MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

9.2.3 US

9.2.3.1 Growing adoption of VXLAN technology to drive market

TABLE 105 US VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 106 US: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 107 US: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 108 US: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 109 US: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 110 US: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 111 US: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 112 US: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 113 US: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 114 US: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 115 US: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 116 US: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 117 US: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 118 US: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.2.4 CANADA

9.2.4.1 Growing emphasis on enhancing cloud security and incentivizing cloud adoption to foster market growth

TABLE 119 CANADA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 120 CANADA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 121 CANADA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 122 CANADA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 123 CANADA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 124 CANADA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 125 CANADA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 126 CANADA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 127 CANADA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 128 CANADA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 129 CANADA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 130 CANADA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 131 CANADA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 132 CANADA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.3 EUROPE

9.3.1 EUROPE: VXLAN MARKET DRIVERS

9.3.2 EUROPE: RECESSION IMPACT

TABLE 133 EUROPE: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 134 EUROPE: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 135 EUROPE: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 136 EUROPE: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 137 EUROPE: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 138 EUROPE: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 139 EUROPE: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 140 EUROPE: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 141 EUROPE: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 142 EUROPE: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 143 EUROPE: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 144 EUROPE: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 145 EUROPE: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 146 EUROPE: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 147 EUROPE: VXLAN MARKET, BY COUNTRY, 2018–2023 (USD MILLION)

TABLE 148 EUROPE: VXLAN MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

9.3.3 GERMANY

9.3.3.1 Surging demand for enhanced network virtualization and optimized resource utilization to boost market

TABLE 149 GERMANY: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 150 GERMANY: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 151 GERMANY: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 152 GERMANY: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 153 GERMANY: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 154 GERMANY: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 155 GERMANY: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 156 GERMANY: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 157 GERMANY: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 158 GERMANY: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 159 GERMANY: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 160 GERMANY: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 161 GERMANY: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 162 GERMANY: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.3.4 UK

9.3.4.1 Surging demand for efficient, scalable, and secure network configurations to propel market growth

9.3.5 NORDIC COUNTRIES

9.3.5.1 Strategic investments and innovative solutions to fuel market growth

9.3.6 REST OF EUROPE

9.4 ASIA PACIFIC

9.4.1 ASIA PACIFIC: VXLAN MARKET DRIVERS

9.4.2 ASIA PACIFIC: RECESSION IMPACT

FIGURE 36 ASIA PACIFIC: VXLAN MARKET SNAPSHOT

TABLE 163 ASIA PACIFIC: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 164 ASIA PACIFIC: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 165 ASIA PACIFIC: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 166 ASIA PACIFIC: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 167 ASIA PACIFIC: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 168 ASIA PACIFIC: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 169 ASIA PACIFIC: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 170 ASIA PACIFIC: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 171 ASIA PACIFIC: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 172 ASIA PACIFIC: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 173 ASIA PACIFIC: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 174 ASIA PACIFIC: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 175 ASIA PACIFIC: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD

MILLION)

TABLE 176 ASIA PACIFIC: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 177 ASIA PACIFIC: VXLAN MARKET, BY COUNTRY, 2018–2023 (USD MILLION)

TABLE 178 ASIA PACIFIC: VXLAN MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

9.4.3 CHINA

9.4.3.1 Strategic initiatives and rapid digital transformation to foster market growth

TABLE 179 CHINA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 180 CHINA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 181 CHINA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 182 CHINA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 183 CHINA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 184 CHINA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 185 CHINA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 186 CHINA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 187 CHINA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 188 CHINA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 189 CHINA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 190 CHINA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 191 CHINA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 192 CHINA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.4.4 INDIA

9.4.4.1 Focus on adopting latest technologies and government initiatives to boost market

9.4.5 JAPAN

9.4.5.1 Private sector's shift toward cloud environments and financial sector innovations to accelerate market growth

9.4.6 REST OF ASIA PACIFIC

9.5 MIDDLE EAST & AFRICA

9.5.1 MIDDLE EAST & AFRICA: VXLAN MARKET DRIVERS

9.5.2 MIDDLE EAST & AFRICA: RECESSION IMPACT

TABLE 193 MIDDLE EAST & AFRICA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 194 MIDDLE EAST & AFRICA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 195 MIDDLE EAST & AFRICA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 196 MIDDLE EAST & AFRICA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 197 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 198 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 199 MIDDLE EAST & AFRICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 200 MIDDLE EAST & AFRICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 201 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 202 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 203 MIDDLE EAST & AFRICA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 204 MIDDLE EAST & AFRICA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 205 MIDDLE EAST & AFRICA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 206 MIDDLE EAST & AFRICA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 207 MIDDLE EAST & AFRICA: VXLAN MARKET, BY COUNTRY, 2018–2023 (USD MILLION)

TABLE 208 MIDDLE EAST & AFRICA: VXLAN MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

9.5.3 UAE

9.5.3.1 Robust cloud computing initiatives and substantial investments in data center infrastructure to fuel market growth

9.5.4 KSA

9.5.4.1 Progressive policies and significant investments in infrastructure development to drive market

TABLE 209 KSA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 210 KSA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 211 KSA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 212 KSA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 213 KSA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 214 KSA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 215 KSA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 216 KSA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 217 KSA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 218 KSA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 219 KSA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 220 KSA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 221 KSA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 222 KSA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.5.5 SOUTH AFRICA

9.5.5.1 Pivotal role of ICT in achieving development objectives and enhancing global competitiveness to drive market

9.5.6 REST OF MIDDLE EAST & AFRICA

9.6 LATIN AMERICA

9.6.1 LATIN AMERICA: VXLAN MARKET DRIVERS

9.6.2 LATIN AMERICA: RECESSION IMPACT

TABLE 223 LATIN AMERICA: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 224 LATIN AMERICA: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 225 LATIN AMERICA: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 226 LATIN AMERICA: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 227 LATIN AMERICA: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 228 LATIN AMERICA: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 229 LATIN AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 230 LATIN AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 231 LATIN AMERICA: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 232 LATIN AMERICA: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 233 LATIN AMERICA: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

MILLION)

TABLE 234 LATIN AMERICA: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 235 LATIN AMERICA: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 236 LATIN AMERICA: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

TABLE 237 LATIN AMERICA: VXLAN MARKET, BY COUNTRY, 2018–2023 (USD MILLION)

TABLE 238 LATIN AMERICA: VXLAN MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

9.6.3 BRAZIL

9.6.3.1 Government initiatives aimed at promoting cloud-native technologies and fostering innovation to stimulate market growth

TABLE 239 BRAZIL: VXLAN MARKET, BY OFFERING, 2018–2023 (USD MILLION)

TABLE 240 BRAZIL: VXLAN MARKET, BY OFFERING, 2024–2029 (USD MILLION)

TABLE 241 BRAZIL: VXLAN MARKET, BY HARDWARE, 2018–2023 (USD MILLION)

TABLE 242 BRAZIL: VXLAN MARKET, BY HARDWARE, 2024–2029 (USD MILLION)

TABLE 243 BRAZIL: VXLAN MARKET, BY SERVICE, 2018–2023 (USD MILLION)

TABLE 244 BRAZIL: VXLAN MARKET, BY SERVICE, 2024–2029 (USD MILLION)

TABLE 245 BRAZIL: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018–2023 (USD MILLION)

TABLE 246 BRAZIL: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024–2029 (USD MILLION)

TABLE 247 BRAZIL: VXLAN MARKET, BY SOFTWARE, 2018–2023 (USD MILLION)

TABLE 248 BRAZIL: VXLAN MARKET, BY SOFTWARE, 2024–2029 (USD MILLION)

TABLE 249 BRAZIL: VXLAN MARKET, BY APPLICATION, 2018–2023 (USD MILLION)

TABLE 250 BRAZIL: VXLAN MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 251 BRAZIL: VXLAN MARKET, BY VERTICAL, 2018–2023 (USD MILLION)

TABLE 252 BRAZIL: VXLAN MARKET, BY VERTICAL, 2024–2029 (USD MILLION)

9.6.4 MEXICO

9.6.4.1 Increased investments and diverse applications across various sectors to drive growth

9.6.5 REST OF LATIN AMERICA

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

10.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

TABLE 253 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS**10.3 REVENUE ANALYSIS****FIGURE 37 HISTORICAL REVENUE ANALYSIS OF KEY PLAYERS, 2019–2023 (USD MILLION)****10.4 MARKET SHARE ANALYSIS****10.4.1 COMPREHENSIVE PRODUCT OFFERINGS AND EXTENSIVE CUSTOMER BASES TO ENABLE MAJOR NORTH AMERICAN COMPANIES DOMINATE MARKET****FIGURE 38 MARKET SHARE ANALYSIS, 2023****TABLE 254 VXLAN MARKET: DEGREE OF COMPETITION****10.4.2 MARKET RANKING ANALYSIS****FIGURE 39 MARKET RANKING ANALYSIS OF TOP FIVE PLAYERS****10.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023****10.5.1 STARS****10.5.2 EMERGING LEADERS****10.5.3 PERVASIVE PLAYERS****10.5.4 PARTICIPANTS****FIGURE 40 VXLAN MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2023****10.5.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023****FIGURE 41 COMPANY FOOTPRINT****TABLE 255 OFFERING FOOTPRINT****TABLE 256 APPLICATION FOOTPRINT****TABLE 257 REGION FOOTPRINT****10.6 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023****10.6.1 PROGRESSIVE COMPANIES****10.6.2 RESPONSIVE COMPANIES****10.6.3 DYNAMIC COMPANIES****10.6.4 STARTING BLOCKS****FIGURE 42 VXLAN MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2023****10.6.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023****TABLE 258 VXLAN MARKET: KEY STARTUPS/SMES****TABLE 259 VXLAN MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES****10.7 COMPETITIVE SCENARIO AND TRENDS****10.7.1 PRODUCT LAUNCHES****TABLE 260 VXLAN MARKET: PRODUCT LAUNCHES, JANUARY 2022–JANUARY 2024****10.7.2 DEALS**

TABLE 261 VXLAN MARKET: DEALS, JANUARY 2022–FEBRUARY 2024

10.8 BRAND/PRODUCT COMPARISON

FIGURE 43 BRAND/PRODUCT COMPARISON

10.9 COMPANY VALUATION AND FINANCIAL METRICS OF KEY VXLAN PROVIDERS

FIGURE 44 FINANCIAL METRICS OF KEY VXLAN VENDORS

FIGURE 45 COMPANY VALUATION OF KEY VXLAN VENDORS

11 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *

11.1 KEY PLAYERS

11.1.1 CISCO SYSTEMS, INC.

TABLE 262 CISCO SYSTEMS, INC.: COMPANY OVERVIEW

FIGURE 46 CISCO SYSTEMS, INC.: COMPANY SNAPSHOT

TABLE 263 CISCO SYSTEMS, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 264 CISCO SYSTEMS, INC.: DEALS

11.1.2 HPE

TABLE 265 HPE: COMPANY OVERVIEW

FIGURE 47 HPE: COMPANY SNAPSHOT

TABLE 266 HPE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 267 HPE: PRODUCT LAUNCHES

11.1.3 VMWARE, INC

TABLE 268 VMWARE: COMPANY OVERVIEW

FIGURE 48 VMWARE: COMPANY SNAPSHOT

TABLE 269 VMWARE: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 270 VMWARE: DEALS

11.1.4 JUNIPER NETWORKS, INC.

TABLE 271 JUNIPER NETWORKS: COMPANY OVERVIEW

FIGURE 49 JUNIPER NETWORKS: COMPANY SNAPSHOT

TABLE 272 JUNIPER NETWORK: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 273 JUNIPER NETWORK: DEALS

11.1.5 ARISTA NETWORKS, INC.

TABLE 274 ARISTA NETWORKS: COMPANY OVERVIEW

FIGURE 50 ARISTA NETWORKS: COMPANY SNAPSHOT

TABLE 275 ARISTA NETWORKS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

11.1.6 NUTANIX, INC.

TABLE 276 NUTANIX, INC.: COMPANY OVERVIEW

- FIGURE 51 NUTANIX, INC.: COMPANY SNAPSHOT
- TABLE 277 NUTANIX, INC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED
- 11.1.7 NVIDIA CORPORATION
 - TABLE 278 NVIDIA: COMPANY OVERVIEW
 - FIGURE 52 NVIDIA: COMPANY SNAPSHOT
 - TABLE 279 NVIDIA: PRODUCTS/SOLUTIONS/SERVICES OFFERED
- 11.1.8 CITRIX SYSTEMS
 - TABLE 280 CITRIX SYSTEMS: COMPANY OVERVIEW
 - TABLE 281 CITRIX SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES OFFERED
 - TABLE 282 CITRIX SYSTEMS: DEALS
- 11.1.9 DELL TECHNOLOGIES INC
 - TABLE 283 DELL TECHNOLOGIES INC: COMPANY OVERVIEW
 - FIGURE 53 DELL TECHNOLOGIES INC: COMPANY SNAPSHOT
 - TABLE 284 DELL TECHNOLOGIES INC: PRODUCTS/SOLUTIONS/SERVICES OFFERED
- 11.1.10 MICROSOFT CORPORATION, INC.
 - TABLE 285 MICROSOFT: COMPANY OVERVIEW
 - FIGURE 54 MICROSOFT: COMPANY SNAPSHOT
 - TABLE 286 MICROSOFT: PRODUCTS/SOLUTIONS/SERVICES OFFERED
 - TABLE 287 MICROSOFT: DEALS
- 11.1.11 HUAWEI TECHNOLOGIES CO. LTD.
 - TABLE 288 HUAWEI: COMPANY OVERVIEW
 - FIGURE 55 HUAWEI: COMPANY SNAPSHOT
 - TABLE 289 HUAWEI: PRODUCTS/SOLUTIONS/SERVICES OFFERED
- 11.1.12 NOKIA CORPORATION
- 11.1.13 KEYSIGHT TECHNOLOGIES, INC.
- 11.1.14 RED HAT
- 11.1.15 RIBBON COMMUNICATIONS, INC.
- 11.1.16 EXTREME NETWORKS, INC.
- 11.1.17 FS.COM
- 11.1.18 SPIRENT COMMUNICATION, INC.
- 11.2 STARTUPS/SMES
 - 11.2.1 PICA8
 - 11.2.2 ARRCUS
 - 11.2.3 IP INFUSION
 - 11.2.4 CUBRO NETWORK VISIBILITY
 - 11.2.5 A10 NETWORKS
 - 11.2.6 VERSA NETWORKS
 - 11.2.7 ASTERFUSION DATA TECHNOLOGIES INC.

*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

12 ADJACENT/RELATED MARKETS

12.1 INTRODUCTION

12.2 SD-WAN MARKET

12.2.1 MARKET DEFINITION

12.2.2 MARKET OVERVIEW

12.2.3 SD-WAN MARKET, BY OFFERING

TABLE 290 SD-WAN MARKET, BY OFFERING, 2016–2021 (USD MILLION)

TABLE 291 SD-WAN MARKET, BY OFFERING, 2022–2027 (USD MILLION)

TABLE 292 SOLUTIONS: SD-WAN MARKET, BY TYPE, 2016–2021 (USD MILLION)

TABLE 293 SOLUTIONS: SD-WAN MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 294 SERVICES: SD-WAN MARKET, BY TYPE, 2016–2021 (USD MILLION)

TABLE 295 SERVICES: SD-WAN MARKET, BY TYPE, 2022–2027 (USD MILLION)

12.2.4 SD-WAN MARKET, BY DEPLOYMENT MODE

TABLE 296 SD-WAN MARKET, BY DEPLOYMENT MODE, 2016–2021 (USD MILLION)

TABLE 297 SD-WAN MARKET, BY DEPLOYMENT MODE, 2022–2027 (USD MILLION)

12.2.5 SD-WAN MARKET, BY ORGANIZATION SIZE

TABLE 298 SD-WAN MARKET, BY ORGANIZATION SIZE, 2016–2021 (USD MILLION)

TABLE 299 SD-WAN MARKET, BY ORGANIZATION SIZE, 2022–2027 (USD MILLION)

12.2.6 SD-WAN MARKET, BY END USER

TABLE 300 SD-WAN MARKET, BY END USER, 2016–2021 (USD MILLION)

TABLE 301 SD-WAN MARKET, BY END USER, 2022–2027 (USD MILLION)

TABLE 302 SD-WAN MARKET, BY VERTICAL, 2016–2021 (USD MILLION)

TABLE 303 SD-WAN MARKET, BY VERTICAL, 2022–2027 (USD MILLION)

12.2.7 SD-WAN MARKET, BY REGION

TABLE 304 SD-WAN MARKET, BY REGION, 2016–2021 (USD MILLION)

TABLE 305 SD-WAN MARKET, BY REGION, 2022–2027 (USD MILLION)

12.3 SOFTWARE-DEFINED NETWORKING (SDN) MARKET

12.3.1 MARKET DEFINITION

12.3.2 MARKET OVERVIEW

12.3.3 SDN MARKET, BY OFFERING

TABLE 306 SOFTWARE-DEFINED NETWORKING MARKET, BY OFFERING,
2018–2022 (USD MILLION)

TABLE 307 SOFTWARE-DEFINED NETWORKING MARKET, BY OFFERING,
2023–2028 (USD MILLION)

12.3.4 SDN MARKET, BY SDN TYPE

TABLE 308 SOFTWARE-DEFINED NETWORKING MARKET, BY SDN TYPE,
2018–2022 (USD MILLION)

TABLE 309 SOFTWARE-DEFINED NETWORKING MARKET, BY SDN TYPE,
2023–2028 (USD MILLION)

12.3.5 SOFTWARE-DEFINED NETWORKING MARKET, BY END USER

TABLE 310 SOFTWARE-DEFINED NETWORKING MARKET, BY END USER,
2018–2022 (USD MILLION)

TABLE 311 SOFTWARE-DEFINED NETWORKING MARKET, BY END USER,
2023–2028 (USD MILLION)

12.3.6 SOFTWARE-DEFINED NETWORKING MARKET, BY APPLICATION

TABLE 312 SOFTWARE-DEFINED NETWORKING MARKET, BY APPLICATION,
2018–2022 (USD MILLION)

TABLE 313 SOFTWARE-DEFINED NETWORKING MARKET, BY APPLICATION,
2023–2028 (USD MILLION)

12.3.7 SOFTWARE-DEFINED NETWORKING MARKET, BY VERTICAL

TABLE 314 SOFTWARE-DEFINED NETWORKING MARKET, BY VERTICAL,
2018–2022 (USD MILLION)

TABLE 315 SOFTWARE-DEFINED NETWORKING MARKET, BY VERTICAL,
2023–2028 (USD MILLION)

12.3.8 SDN MARKET, BY REGION

TABLE 316 SOFTWARE-DEFINED NETWORKING MARKET, BY REGION,
2018–2022 (USD MILLION)

TABLE 317 SOFTWARE-DEFINED NETWORKING MARKET, BY REGION,
2023–2028 (USD MILLION)

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

I would like to order

Product name: Virtual Extensible LAN (VXLAN) Market by Offering (Hardware, Software, Services), Application (Software-Defined Networking Overlays, Network Function Virtualization), Vertical (Manufacturing, BFSI, Healthcare) and Region - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/V9C4C4246881EN.html>

Price: US\$ 3,217.50 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/V9C4C4246881EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970