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

Market Report | 2024-06-04 | 268 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User $4950.00
- Multi User $6650.00
- Corporate License $8150.00
- Enterprise Site License $10000.00

Report description:

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).

Table of Contents:

1 INTRODUCTION 38
1.1 STUDY OBJECTIVES 38
1.2 MARKET DEFINITION 38
1.3 STUDY SCOPE 39
1.3.1 MARKET SEGMENTATION 39
1.3.2 REGIONS COVERED 40
1.3.3 INCLUSIONS & EXCLUSIONS 40
1.4 YEARS CONSIDERED 41
1.5 CURRENCY CONSIDERED 41
TABLE 1 USD EXCHANGE RATES, 2019-2023 42
1.6 STAKEHOLDERS 42
1.7 IMPACT OF RECESSION 42
2 RESEARCH METHODOLOGY 43
2.1 RESEARCH DATA 43
FIGURE 1 VXLAN MARKET: RESEARCH DESIGN 43
2.1.1 SECONDARY DATA 44
2.1.2 PRIMARY DATA 44
2.1.2.1 Primary interviews with experts 44
2.1.2.2 Breakdown of primary profiles 45
FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS, BY COMPANY TYPE, DESIGNATION, AND REGION 45
2.1.2.3 Key insights from industry experts 45
2.2 MARKET SIZE ESTIMATION 46
FIGURE 3 VXLAN MARKET: TOP-DOWN AND BOTTOM-UP APPROACHES 46
2.2.1 TOP-DOWN APPROACH 46
FIGURE 4 APPROACH 1 (SUPPLY SIDE): REVENUE OF VENDORS IN VXLAN MARKET 47
2.2.2 BOTTOM-UP APPROACH 47
FIGURE 5 APPROACH 2 (DEMAND SIDE): VXLAN MARKET 48
2.2.3 VXLAN MARKET ESTIMATION: DEMAND-SIDE ANALYSIS 48
FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: DEMAND-SIDE ANALYSIS 48
FIGURE 7 MARKET SIZE ESTIMATION USING BOTTOM-UP APPROACH 49
2.3 DATA TRIANGULATION 50
FIGURE 8 VXLAN MARKET: DATA TRIANGULATION 50
2.4 RISK ASSESSMENT 51
TABLE 2 VXLAN MARKET: RISK ASSESSMENT 51
2.5 RESEARCH ASSUMPTIONS 51
TABLE 3 VXLAN MARKET: RESEARCH ASSUMPTIONS 51
2.6 LIMITATIONS 52
2.7 IMPACT OF RECESSION ON VXLAN MARKET 52
3 EXECUTIVE SUMMARY 53
FIGURE 9 VXLAN MARKET, 2022-2029 (USD MILLION) 54
FIGURE 10 VXLAN MARKET, BY REGION (2024) 54

4 PREMIUM INSIGHTS 55
4.1 OPPORTUNITIES FOR PLAYERS IN VXLAN MARKET 55
FIGURE 11 INCREASED NETWORK SEGMENTATION AND CONNECTIVITY NEEDS BETWEEN DATA CENTERS TO DRIVE MARKET 55
4.2 VXLAN MARKET, BY OFFERING 55
FIGURE 12 SERVICES SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD 55
4.3 VXLAN MARKET, BY SERVICE 56
FIGURE 13 MANAGED SERVICES SEGMENT TO ACCOUNT FOR HIGHER CAGR DURING FORECAST PERIOD 56
4.4 VXLAN MARKET, BY PROFESSIONAL SERVICE 56
FIGURE 14 SUPPORT & MAINTENANCE SEGMENT TO LEAD MARKET DURING FORECAST PERIOD 56
4.5 VXLAN MARKET, BY APPLICATION 56
FIGURE 15 SDN OVERLAYS SEGMENT TO REGISTER LARGEST MARKET DURING FORECAST PERIOD 56
4.6 VXLAN MARKET, BY VERTICAL 57
FIGURE 16 BFSI SEGMENT TO LEAD MARKET DURING FORECAST PERIOD 57
4.7 NORTH AMERICA: VXLAN MARKET, BY KEY APPLICATION AND END USER 57
FIGURE 17 SDN OVERLAYS AND BFSI SEGMENTS TO ACCOUNT FOR SIGNIFICANT MARKET SHARES IN 2024 57
5 MARKET OVERVIEW AND INDUSTRY TRENDS 58
5.1 INTRODUCTION 58
5.2 MARKET DYNAMICS 58
FIGURE 18 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES: VXLAN MARKET 59
5.2.1 DRIVERS 59
5.2.1.1 Increased demand for scalable network segmentation 59
5.2.1.2 Surging need for secure multi-tenancy in cloud data centers 60
5.2.1.3 Rise of containerized applications 60
5.2.2 RESTRAINTS 60
5.2.2.1 Complexity and deployment costs 60
5.2.3 OPPORTUNITIES 61
5.2.3.1 Expansion of IoT and edge computing 61
5.2.3.2 Emergence of 5G networks 61
5.2.4 CHALLENGES 61
5.2.4.1 Increased network complexity 61
5.2.4.2 Maturity of technology 62
5.3 BRIEF HISTORY OF VXLAN TECHNOLOGY 62
FIGURE 19 BRIEF HISTORY OF VXLAN TECHNOLOGY 62
5.3.1 2011: VXLAN PROPOSAL AND INITIAL DEVELOPMENT 62
5.3.2 2012-2013: INITIAL ADOPTION AND INDUSTRY SUPPORT 63
5.3.3 2014-2015: STANDARDIZATION AND INTEGRATION WITH SOFTWARE-DEFINED NETWORKING 63
5.3.4 2016-2018: ENHANCED CAPABILITIES AND CONTROL PLANE INTEGRATION 63
5.3.5 2019-PRESENT: BROAD ADOPTION AND ADVANCED USE CASES 63
5.4 ECOSYSTEM ANALYSIS 64
FIGURE 20 KEY PLAYERS IN VXLAN MARKET ECOSYSTEM 64
TABLE 4 VXLAN MARKET: ECOSYSTEM 64
5.5 CASE STUDY ANALYSIS 65
5.5.1 IKOULA ADOPTED HUAWEI DATA CENTER NETWORK SOLUTION TO SIMPLIFY SERVICE DEPLOYMENT AND IMPROVE SYSTEM RELIABILITY 65
5.5.2 VXLAN NETWORKING TECHNOLOGY HELPED TELECOM OPERATOR ENHANCE FLEXIBILITY AND RESOURCE UTILIZATION 66
5.5.3 FS' VXLAN CENTRALIZED GATEWAY SOLUTION ASSISTED PRIVATE SCHOOL ENHANCE EFFICIENCY AND CENTRALIZE NETWORK MANAGEMENT 67

5.5.4 JUNIPER NETWORKS' AI-DRIVEN CAMPUS FABRICS PROVIDED EFFICIENT AND SCALABLE METHODS TO CONSTRUCT AND INTERCONNECT ENTERPRISE NETWORKS 68
5.5.5 DEPLOYMENT OF CISCO VXLAN EVPN ENABLED THE UNIVERSITY OF MINNESOTA TO INCREASE DATA CENTER PERFORMANCE AND IMPROVE RESILIENCY 69
5.6 SUPPLY CHAIN ANALYSIS 70
5.6.1 VXLAN MARKET: SUPPLY CHAIN ANALYSIS 70
FIGURE 21 VXLAN MARKET: SUPPLY CHAIN ANALYSIS 70
5.6.2 REGULATORY LANDSCAPE 71
5.6.2.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 71
TABLE 5 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 71
TABLE 6 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 71
TABLE 7 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 72
TABLE 8 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 72
5.6.2.2 North America 73
5.6.2.2.1 US 73
5.6.2.2.2 Canada 73
5.6.2.3 Europe 73
5.6.2.3.1 Germany 73
5.6.2.3.2 UK 73
5.6.2.3.3 Germany 73
5.6.2.3.4 France 73
5.6.2.4 Asia Pacific 74
5.6.2.4.1 China 74
5.6.2.4.2 India 74
5.6.2.4.3 Japan 74
5.6.2.5 RoW 74
5.6.2.5.1 Brazil 74
5.6.2.5.2 South Africa 74
5.6.2.5.3 UAE 74
5.7 PATENT ANALYSIS 75
FIGURE 22 LIST OF MAJOR PATENTS FOR VXLAN 75
5.7.1 LIST OF MAJOR PATENTS 76
5.8 PRICING ANALYSIS 78
5.8.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY HARDWARE 78
FIGURE 23 AVERAGE SELLING PRICE TRENDS OF KEY PLAYERS, BY HARDWARE (USD) 78
TABLE 9 AVERAGE SELLING PRICE TRENDS OF KEY PLAYERS, BY HARDWARE (USD) 78
5.8.2 INDICATIVE PRICING ANALYSIS OF KEY PLAYERS, BY SOFTWARE 79
TABLE 10 INDICATIVE PRICING ANALYSIS OF VXLAN, BY SOFTWARE (USD) 79
5.9 PORTER'S FIVE FORCES ANALYSIS 79
TABLE 11 VXLAN MARKET: PORTER'S FIVE FORCES ANALYSIS 79
FIGURE 24 PORTER'S FIVE FORCES ANALYSIS: VXLAN MARKET 80
5.9.1 THREAT OF NEW ENTRANTS 80
5.9.2 THREAT OF SUBSTITUTES 80
5.9.3 BARGAINING POWER OF BUYERS 81
5.9.4 BARGAINING POWER OF SUPPLIERS 81
5.9.5 INTENSITY OF COMPETITIVE RIVALRY 81
5.10 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 82

FIGURE 25 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 82
5.11 KEY STAKEHOLDERS & BUYING CRITERIA 82
5.11.1 KEY STAKEHOLDERS IN BUYING PROCESS 82
FIGURE 26 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY END USERS 83
TABLE 12 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY END USERS (%) 83
5.11.2 BUYING CRITERIA 83
FIGURE 27 KEY BUYING CRITERIA FOR TOP THREE END USERS 83
TABLE 13 KEY BUYING CRITERIA FOR TOP END USERS 84
5.12 KEY CONFERENCES & EVENTS IN 2023-2024 84
TABLE 14 VXLAN MARKET: DETAILED LIST OF CONFERENCES & EVENTS, 2023-2024 84
5.13 TECHNOLOGY ANALYSIS 85
5.13.1 KEY TECHNOLOGIES 85
5.13.1.1 Virtual LAN 85
5.13.1.2 Ethernet VPN 85
5.13.1.3 Generic network virtualization encapsulation 85
5.13.2 ADJACENT TECHNOLOGIES 85
5.13.2.1 Software-defined networking 85
5.13.2.2 Network functions virtualization 86
5.13.2.3 Containerization 86
5.13.3 COMPLEMENTARY TECHNOLOGIES 86
5.13.3.1 Generic routing encapsulation 86
5.13.3.2 Network virtualization using generic routing encapsulation 86
5.14 BEST PRACTICES IN VXLAN MARKET 86
5.14.1 NETWORK DESIGN AND ARCHITECTURE 86
5.14.2 SECURITY 86
5.14.3 MANAGEMENT AND AUTOMATION 87
5.14.4 MONITORING AND TROUBLESHOOTING 87
5.14.5 INTEROPERABILITY 87
5.14.6 PERFORMANCE OPTIMIZATION 87
5.14.7 REDUNDANCY AND HIGH AVAILABILITY 87
5.14.8 COMPLIANCE AND DOCUMENTATION 87
5.14.9 TRAINING AND SKILLS DEVELOPMENT 87
5.15 CURRENT AND EMERGING BUSINESS MODELS 88
5.15.1 SUBSCRIPTION-BASED PRICING 88
5.15.2 USAGE-BASED PRICING 88
5.15.3 VALUE-BASED PRICING 88
5.15.4 TIERED SERVICE LEVELS 88
5.16 VXLAN TOOLS, FRAMEWORKS, AND TECHNIQUES 89
5.17 FUTURE LANDSCAPE OF VXLAN MARKET 89
5.17.1 SHORT-TERM ROADMAP (2023-2025) 89
5.17.2 MID-TERM ROADMAP (2026-2028) 89
5.17.3 LONG-TERM ROADMAP (2029-2030) 90
5.18 INVESTMENT FUNDING AND SCENARIO 90
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) 91
FIGURE 28 EXPORT SCENARIO FOR HS CODE: 8542, BY COUNTRY, 2021-2023 (USD BILLION) 91
FIGURE 29 IMPORT SCENARIO FOR HS CODE: 8542, BY COUNTRY, 2021-2023 (USD BILLION) 92

5.20 VXLAN DEPLOYMENT ARCHITECTURE 92
5.20.1 INTRODUCTION 92
5.20.1.1 Single-VTEP overlay 92
5.20.1.2 Multiple-VTEP overlay 93
5.20.1.3 Spine-leaf fabric with VXLAN 93
5.20.1.4 VXLAN with EVPN 93
6 VXLAN MARKET, BY OFFERING 94
6.1 INTRODUCTION 95
FIGURE 30 HARDWARE SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD 95
6.1.1 OFFERING: VXLAN MARKET DRIVERS 95
TABLE 15 VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 95
TABLE 16 VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 96
6.2 HARDWARE 96
6.2.1 HARDWARE TO ENABLE ORGANIZATIONS CREATE SCALABLE, FLEXIBLE, AND SECURE VIRTUAL NETWORK OVERLAYS 96
TABLE 17 VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 96
TABLE 18 VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 96
TABLE 19 HARDWARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 97
TABLE 20 HARDWARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 97
6.2.2 SWITCHES 97
TABLE 21 SWITCHES: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 98
TABLE 22 SWITCHES: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 98
6.2.3 ROUTERS 98
TABLE 23 ROUTERS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 99
TABLE 24 ROUTERS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 99
6.2.4 OTHER HARDWARE 99
TABLE 25 OTHER HARDWARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 100
TABLE 26 OTHER HARDWARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 100
6.3 SOFTWARE 100
6.3.1 VXLAN SOFTWARE TO ENSURE EFFICIENT OPERATION, MANAGEMENT, AND TROUBLESHOOTING OF VXLAN-BASED NETWORKS 100
TABLE 27 VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 101
TABLE 28 VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 101
TABLE 29 SOFTWARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 101
TABLE 30 SOFTWARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 102
6.3.2 VXLAN-ENABLED NETWORK OPERATING SYSTEMS 102
TABLE 31 VXLAN-ENABLED NETWORK OPERATING SYSTEMS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 102
TABLE 32 VXLAN-ENABLED NETWORK OPERATING SYSTEMS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 103
6.3.3 NETWORK VIRTUALIZATION SOFTWARE 103
TABLE 33 NETWORK VIRTUALIZATION SOFTWARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 103
TABLE 34 NETWORK VIRTUALIZATION SOFTWARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 104
6.3.4 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE 104
TABLE 35 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 104
TABLE 36 NETWORK MANAGEMENT & ORCHESTRATION SOFTWARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 105
6.3.5 VXLAN TESTING & ANALYSIS TOOLS 105
TABLE 37 VXLAN TESTING & ANALYSIS TOOLS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 105
TABLE 38 VXLAN TESTING & ANALYSIS TOOLS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 106
6.4 SERVICES 106

6.4.1 VXLAN SERVICES TO HELP COMPANIES SIMPLIFY NETWORK MANAGEMENT AND ACHIEVE GREATER FLEXIBILITY 106
FIGURE 31 MANAGED SERVICES SEGMENT TO REGISTER HIGHER GROWTH RATE DURING FORECAST PERIOD 106
TABLE 39 VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 107
TABLE 40 VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 107
TABLE 41 SERVICES: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 107
TABLE 42 SERVICES: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 107
6.4.2 PROFESSIONAL SERVICES 108
FIGURE 32 CONSULTING SERVICES SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD 108
TABLE 43 VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 108
TABLE 44 VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 109
TABLE 45 PROFESSIONAL SERVICES: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 109
TABLE 46 PROFESSIONAL SERVICES: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 109
6.4.2.1 Consulting 109
TABLE 47 CONSULTING: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 110
TABLE 48 CONSULTING: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 110
6.4.2.2 Deployment & integration 110
TABLE 49 DEPLOYMENT & INTEGRATION: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 111
TABLE 50 DEPLOYMENT & INTEGRATION: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 111
6.4.2.3 Support & maintenance 111
TABLE 51 SUPPORT & MAINTENANCE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 112
TABLE 52 SUPPORT & MAINTENANCE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 112
6.4.3 MANAGED SERVICES 112
TABLE 53 MANAGED SERVICES: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 113
TABLE 54 MANAGED SERVICES: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 113
7 VXLAN MARKET, BY APPLICATION 114
7.1 INTRODUCTION 115
FIGURE 33 WORKLOAD MOBILITY SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD 115
7.1.1 APPLICATION: VXLAN MARKET DRIVERS 115
TABLE 55 VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 116
TABLE 56 VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 116
7.2 MULTI-TENANCY 116
7.2.1 MULTI-TENANCY TO ALLOW MULTIPLE TENANTS SHARE SAME PHYSICAL INFRASTRUCTURE WHILE MAINTAINING COMPLETE ISOLATION 116
TABLE 57 MULTI-TENANCY: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 117
TABLE 58 MULTI-TENANCY: VXLAN MARKET, BY REGION,2024-2029 (USD MILLION) 117
7.3 WORKLOAD MOBILITY 117
7.3.1 WORKLOAD MOBILITY TO REDUCE DOWNTIME DURING MAINTENANCE OR SCALING OPERATIONS AND IMPROVE BUSINESS CONTINUITY 117
TABLE 59 WORKLOAD MOBILITY: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 118
TABLE 60 WORKLOAD MOBILITY: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 118
7.4 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS 118
7.4.1 DYNAMIC PROVISIONING AND MANAGEMENT OF NETWORK RESOURCES TO ENHANCE AGILITY AND REDUCE OPERATIONAL COMPLEXITY 118
TABLE 61 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 119
TABLE 62 SOFTWARE-DEFINED NETWORKING (SDN) OVERLAYS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 119
7.5 NETWORK FUNCTION VIRTUALIZATION (NFV) 119
7.5.1 NFV COMBINED WITH VXLAN TO ENHANCE SERVICE DELIVERY AND CUSTOMER SATISFACTION 119

TABLE 63 NETWORK FUNCTION VIRTUALIZATION (NFV): VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 120
TABLE 64 NETWORK FUNCTION VIRTUALIZATION (NFV): VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 120
7.6 OTHER APPLICATIONS 120
TABLE 65 OTHER APPLICATIONS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 121
TABLE 66 OTHER APPLICATIONS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 121
8 VXLAN MARKET, BY VERTICAL 122
8.1 INTRODUCTION 123
FIGURE 34 HEALTHCARE SEGMENT TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD 123
8.1.1 VERTICAL: VXLAN MARKET DRIVERS 123
TABLE 67 VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 124
TABLE 68 VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 124
8.2 MANUFACTURING 125
8.2.1 VXLAN TO ENABLE REAL-TIME MONITORING, PREDICTIVE MAINTENANCE, AND EFFICIENT SUPPLY CHAIN MANAGEMENT 125
8.2.2 MANUFACTURING: VXLAN USE CASES 125
8.2.2.1 Industrial IoT integration 125
8.2.2.2 Factory floor network segmentation 125
8.2.2.3 Enhanced security 125
8.2.2.4 Remote management and monitoring 125
TABLE 69 MANUFACTURING: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 126
TABLE 70 MANUFACTURING: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 126
8.3 HEALTHCARE 126
8.3.1 VXLAN TO ENABLE SEGMENTATION OF SENSITIVE PATIENT DATA AND ENSURE COMPLIANCE WITH REGULATORY REQUIREMENTS 126
8.3.2 HEALTHCARE: VXLAN USE CASES 127
8.3.2.1 Electronic health records (EHR) management 127
8.3.2.2 Telemedicine and remote monitoring 127
8.3.2.3 Hospital network segmentation 127
8.3.2.4 Medical device integration 127
TABLE 71 HEALTHCARE: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 127
TABLE 72 HEALTHCARE: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 128
8.4 BANKING, FINANCIAL SERVICES, AND INSURANCE 128
8.4.1 VXLAN'S SCALABILITY TO HELP FINANCIAL INSTITUTIONS MANAGE LARGE-SCALE DATA CENTERS AND DISASTER RECOVERY SITES 128
8.4.2 BFSI: VXLAN USE CASES 128
8.4.2.1 Branch office connectivity 128
8.4.2.2 Enhanced customer services 128
8.4.2.3 Secure network segmentation 128
TABLE 73 BFSI: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 129
TABLE 74 BFSI: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 129
8.5 MEDIA & ENTERTAINMENT 129
8.5.1 VXLAN TO ENABLE EFFICIENT MANAGEMENT OF DATA-INTENSIVE APPLICATIONS AND ENSURE LOW-LATENCY CONNECTIVITY FOR LIVE BROADCASTS 129
8.5.2 MEDIA & ENTERTAINMENT: VXLAN USE CASES 130
8.5.2.1 High-definition content production and editing 130
8.5.2.2 Live streaming and broadcast 130
8.5.2.3 Content delivery networks 130
TABLE 75 MEDIA & ENTERTAINMENT: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 130

TABLE 76 MEDIA & ENTERTAINMENT: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 130
8.6 RETAIL 131
8.6.1 VXLAN TO ENHANCE OVERALL SHOPPING EXPERIENCE AND SUPPORT INNOVATIONS SUCH AS PERSONALIZED MARKETING 131
8.6.2 RETAIL: VXLAN USE CASES 131
8.6.2.1 Enhanced customer experience 131
8.6.2.2 eCommerce and omnichannel retailing 131
8.6.2.3 Point-of-sale (POS) systems 131
8.6.2.4 Inventory management 131
TABLE 77 RETAIL: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 132
TABLE 78 RETAIL: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 132
8.7 GOVERNMENT 132
8.7.1 VXLAN TO HELP GOVERNMENT AGENCIES IMPROVE SERVICE DELIVERY AND OPERATIONAL EFFICIENCY 132
8.7.2 GOVERNMENT: VXLAN USE CASES 133
8.7.2.1 Inter-agency collaboration 133
8.7.2.2 Smart city initiatives 133
8.7.2.3 E-government services 133
8.7.2.4 Military and defense networks 133
TABLE 79 GOVERNMENT: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 133
TABLE 80 GOVERNMENT: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 134
8.8 TELECOMMUNICATIONS 134
8.8.1 VXLAN TO FACILITATE NETWORK SLICING AND ENABLE EFFICIENT MANAGEMENT OF RESOURCES 134
8.8.2 TELECOMMUNICATIONS: VXLAN USE CASES 134
8.8.2.1 5G network deployment 134
8.8.2.2 Network function virtualization (NFV) 134
8.8.2.3 Data center interconnect (DCI) 135
8.8.2.4 Enhanced mobile backhaul 135
TABLE 81 TELECOMMUNICATIONS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 135
TABLE 82 TELECOMMUNICATIONS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 135
8.9 IT & ITES 136
8.9.1 LEVERAGING VXLAN TO HELP IT SERVICE PROVIDERS DELIVER HIGH-QUALITY SERVICES 136
8.9.2 IT & ITES: VXLAN USE CASES 136
8.9.2.1 Cloud integration 136
8.9.2.2 Enhanced security through micro-segmentation 136
8.9.2.3 Network automation & orchestration 136
TABLE 83 IT & ITES: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 136
TABLE 84 IT & ITES: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 137
8.10 OTHER VERTICALS 137
TABLE 85 OTHER VERTICALS: VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 137
TABLE 86 OTHER VERTICALS: VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 138
9 VXLAN MARKET, BY REGION 139
9.1 INTRODUCTION 140
TABLE 87 VXLAN MARKET, BY REGION, 2018-2023 (USD MILLION) 140
TABLE 88 VXLAN MARKET, BY REGION, 2024-2029 (USD MILLION) 140
9.2 NORTH AMERICA 141
9.2.1 NORTH AMERICA: VXLAN MARKET DRIVERS 141
9.2.2 NORTH AMERICA: RECESSION IMPACT 141
FIGURE 35 NORTH AMERICA: VXLAN MARKET SNAPSHOT 142

TABLE 89 NORTH AMERICA: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 142
TABLE 90 NORTH AMERICA: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 143
TABLE 91 NORTH AMERICA: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 143
TABLE 92 NORTH AMERICA: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 143
TABLE 93 NORTH AMERICA: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 143
TABLE 94 NORTH AMERICA: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 144
TABLE 95 NORTH AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 144
TABLE 96 NORTH AMERICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 144
TABLE 97 NORTH AMERICA: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 144
TABLE 98 NORTH AMERICA: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 145
TABLE 99 NORTH AMERICA: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 145
TABLE 100 NORTH AMERICA: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 145
TABLE 101 NORTH AMERICA: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 146
TABLE 102 NORTH AMERICA: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 146
TABLE 103 NORTH AMERICA: VXLAN MARKET, BY COUNTRY, 2018-2023 (USD MILLION) 146
TABLE 104 NORTH AMERICA: VXLAN MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 147
9.2.3 US 147
9.2.3.1 Growing adoption of VXLAN technology to drive market 147
TABLE 105 US VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 147
TABLE 106 US: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 148
TABLE 107 US: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 148
TABLE 108 US: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 148
TABLE 109 US: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 148
TABLE 110 US: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 149
TABLE 111 US: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 149
TABLE 112 US: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 149
TABLE 113 US: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 149
TABLE 114 US: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 150
TABLE 115 US: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 150
TABLE 116 US: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 150
TABLE 117 US: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 151
TABLE 118 US: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 151
9.2.4 CANADA 152
9.2.4.1 Growing emphasis on enhancing cloud security and incentivizing cloud adoption to foster market growth 152
TABLE 119 CANADA: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 152
TABLE 120 CANADA: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 152
TABLE 121 CANADA: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 152
TABLE 122 CANADA: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 153
TABLE 123 CANADA: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 153
TABLE 124 CANADA: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 153
TABLE 125 CANADA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 153
TABLE 126 CANADA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 154
TABLE 127 CANADA: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 154
TABLE 128 CANADA: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 154
TABLE 129 CANADA: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 155
TABLE 130 CANADA: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 155
TABLE 131 CANADA: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 155

TABLE 132 CANADA: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 156
9.3 EUROPE 156
9.3.1 EUROPE: VXLAN MARKET DRIVERS 156
9.3.2 EUROPE: RECESSION IMPACT 157
TABLE 133 EUROPE: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 157
TABLE 134 EUROPE: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 157
TABLE 135 EUROPE: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 157
TABLE 136 EUROPE: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 158
TABLE 137 EUROPE: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 158
TABLE 138 EUROPE: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 158
TABLE 139 EUROPE: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 158
TABLE 140 EUROPE: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 159
TABLE 141 EUROPE: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 159
TABLE 142 EUROPE: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 159
TABLE 143 EUROPE: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 160
TABLE 144 EUROPE: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 160
TABLE 145 EUROPE: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 160
TABLE 146 EUROPE: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 161
TABLE 147 EUROPE: VXLAN MARKET, BY COUNTRY, 2018-2023 (USD MILLION) 161
TABLE 148 EUROPE: VXLAN MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 161
9.3.3 GERMANY 162
9.3.3.1 Surging demand for enhanced network virtualization and optimized resource utilization to boost market 162
TABLE 149 GERMANY: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 162
TABLE 150 GERMANY: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 162
TABLE 151 GERMANY: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 162
TABLE 152 GERMANY: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 163
TABLE 153 GERMANY: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 163
TABLE 154 GERMANY: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 163
TABLE 155 GERMANY: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 163
TABLE 156 GERMANY: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 164
TABLE 157 GERMANY: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 164
TABLE 158 GERMANY: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 164
TABLE 159 GERMANY: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 165
TABLE 160 GERMANY: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 165
TABLE 161 GERMANY: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 165
TABLE 162 GERMANY: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 166
9.3.4 UK 166
9.3.4.1 Surging demand for efficient, scalable, and secure network configurations to propel market growth 166
9.3.5 NORDIC COUNTRIES 166
9.3.5.1 Strategic investments and innovative solutions to fuel market growth 166
9.3.6 REST OF EUROPE 167
9.4 ASIA PACIFIC 167
9.4.1 ASIA PACIFIC: VXLAN MARKET DRIVERS 167
9.4.2 ASIA PACIFIC: RECESSION IMPACT 167
FIGURE 36 ASIA PACIFIC: VXLAN MARKET SNAPSHOT 168
TABLE 163 ASIA PACIFIC: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 168
TABLE 164 ASIA PACIFIC: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 169

TABLE 165 ASIA PACIFIC: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 169
TABLE 166 ASIA PACIFIC: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 169
TABLE 167 ASIA PACIFIC: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 169
TABLE 168 ASIA PACIFIC: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 170
TABLE 169 ASIA PACIFIC: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 170
TABLE 170 ASIA PACIFIC: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 170
TABLE 171 ASIA PACIFIC: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 170
TABLE 172 ASIA PACIFIC: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 171
TABLE 173 ASIA PACIFIC: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 171
TABLE 174 ASIA PACIFIC: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 171
TABLE 175 ASIA PACIFIC: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 172
TABLE 176 ASIA PACIFIC: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 172
TABLE 177 ASIA PACIFIC: VXLAN MARKET, BY COUNTRY, 2018-2023 (USD MILLION) 173
TABLE 178 ASIA PACIFIC: VXLAN MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 173
9.4.3 CHINA 173
9.4.3.1 Strategic initiatives and rapid digital transformation to foster market growth 173
TABLE 179 CHINA: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 174
TABLE 180 CHINA: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 174
TABLE 181 CHINA: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 174
TABLE 182 CHINA: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 174
TABLE 183 CHINA: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 175
TABLE 184 CHINA: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 175
TABLE 185 CHINA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 175
TABLE 186 CHINA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 175
TABLE 187 CHINA: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 176
TABLE 188 CHINA: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 176
TABLE 189 CHINA: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 176
TABLE 190 CHINA: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 177
TABLE 191 CHINA: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 177
TABLE 192 CHINA: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 178
9.4.4 INDIA 178
9.4.4.1 Focus on adopting latest technologies and government initiatives to boost market 178
9.4.5 JAPAN 178
9.4.5.1 Private sector's shift toward cloud environments and financial sector innovations to accelerate market growth 178
9.4.6 REST OF ASIA PACIFIC 179
9.5 MIDDLE EAST & AFRICA 179
9.5.1 MIDDLE EAST & AFRICA: VXLAN MARKET DRIVERS 179
9.5.2 MIDDLE EAST & AFRICA: RECESSION IMPACT 179
TABLE 193 MIDDLE EAST & AFRICA: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 180
TABLE 194 MIDDLE EAST & AFRICA: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 180
TABLE 195 MIDDLE EAST & AFRICA: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 180
TABLE 196 MIDDLE EAST & AFRICA: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 180
TABLE 197 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 181
TABLE 198 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 181
TABLE 199 MIDDLE EAST & AFRICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 181
TABLE 200 MIDDLE EAST & AFRICA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 181
TABLE 201 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 182

TABLE 202 MIDDLE EAST & AFRICA: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 182
TABLE 203 MIDDLE EAST & AFRICA: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 182
TABLE 204 MIDDLE EAST & AFRICA: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 183
TABLE 205 MIDDLE EAST & AFRICA: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 183
TABLE 206 MIDDLE EAST & AFRICA: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 184
TABLE 207 MIDDLE EAST & AFRICA: VXLAN MARKET, BY COUNTRY, 2018-2023 (USD MILLION) 184
TABLE 208 MIDDLE EAST & AFRICA: VXLAN MARKET, BY COUNTRY, 2024-2029 (USD MILLION) 184
9.5.3 UAE 185
9.5.3.1 Robust cloud computing initiatives and substantial investments in data center infrastructure to fuel market growth 185
9.5.4 KSA 185
9.5.4.1 Progressive policies and significant investments in infrastructure development to drive market 185
TABLE 209 KSA: VXLAN MARKET, BY OFFERING, 2018-2023 (USD MILLION) 185
TABLE 210 KSA: VXLAN MARKET, BY OFFERING, 2024-2029 (USD MILLION) 186
TABLE 211 KSA: VXLAN MARKET, BY HARDWARE, 2018-2023 (USD MILLION) 186
TABLE 212 KSA: VXLAN MARKET, BY HARDWARE, 2024-2029 (USD MILLION) 186
TABLE 213 KSA: VXLAN MARKET, BY SERVICE, 2018-2023 (USD MILLION) 186
TABLE 214 KSA: VXLAN MARKET, BY SERVICE, 2024-2029 (USD MILLION) 187
TABLE 215 KSA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2018-2023 (USD MILLION) 187
TABLE 216 KSA: VXLAN MARKET, BY PROFESSIONAL SERVICE, 2024-2029 (USD MILLION) 187
TABLE 217 KSA: VXLAN MARKET, BY SOFTWARE, 2018-2023 (USD MILLION) 187
TABLE 218 KSA: VXLAN MARKET, BY SOFTWARE, 2024-2029 (USD MILLION) 188
TABLE 219 KSA: VXLAN MARKET, BY APPLICATION, 2018-2023 (USD MILLION) 188
TABLE 220 KSA: VXLAN MARKET, BY APPLICATION, 2024-2029 (USD MILLION) 188
TABLE 221 KSA: VXLAN MARKET, BY VERTICAL, 2018-2023 (USD MILLION) 189
TABLE 222 KSA: VXLAN MARKET, BY VERTICAL, 2024-2029 (USD MILLION) 189
9.5.5 SOUTH AFRICA 190
9.5.5.1 Pivotal role of ICT in achieving development objectives and enhancing global competitiveness to drive market 190
9.5.6 REST OF MIDDLE EAST & AFRICA 190

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

Market Report | 2024-06-04 | 268 pages | MarketsandMarkets

To place an Order with Scotts International:

- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	$4950.00
	Multi User	$6650.00
	Corporate License	$8150.00
	Enterprise Site License	$10000.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	

Zip Code*		Country*	
		Date	2025-05-20
		Signature	