

Content Delivery Networks (CDN) Market Outlook and Forecasts 2017 – 2022

https://marketpublishers.com/r/C8D448AB8C8EN.html

Date: February 2017

Pages: 128

Price: US\$ 1,995.00 (Single User License)

ID: C8D448AB8C8EN

Abstracts

Next generation applications, content, and commerce offerings are driving the need for flexible and cost effective Content Delivery Network (CDN) solutions, which core services such as aggregation, management, and distribution of content as well as a variety of value-added functionality. The convergence of cellular networks supported by 4G/LTE broadband wireless, and Cloud-based applications, facilitates the need for more intelligent content solutions.

This research evaluates the current state of the market for content, CDN providers, and solutions. This report evaluates the CDN marketplace, provides forecasting for CDN growth and growth drivers, and a SWOT analysis for major vendors. In addition, Mind Commerce evaluates related areas including Datacenter Storage and Software Defined Security (SDS). This report includes forecasts for 2017 - 2022 for CDN, Datacenter Storage, and SDS.

Report Benefits:

- · Recognize the future of content, applications, and CDN
- · Understand CDN technologies, implementation, and operation
- Identify decision factors for outsourcing decision CDN infrastructure



- · Understand the different implementation options for Content Delivery Networks
- · Forecasts for CDN, Datacenter Storage, and Software Defined Security 2017 to 2022

Target Audience:

- Telecom infrastructure providers
- Telecommunications service providers
- Digital content and application providers
- Content Delivery Network (CDN) companies
- Digital Rights Management (DRM) organizations
- · Online companies of all types including portals and media



Contents

1 INTRODUCTION

- 1.1 Executive Summary
- 1.2 Topics Covered
- 1.3 Key Questions Answered
- 1.4 Target Audience
- 1.5 Companies Mentioned

2 CONTENT DELIVERY NETWORKS

- 2.1 Overview and Common Technology Employed
- 2.2 CDN Technology and Functionality
 - 2.2.1 Domain Name System
 - 2.2.2 Accessing Content
 - 2.2.3 Apache Traffic Server
 - 2.2.4 Cache Expiration
 - 2.2.5 Content Service Protocols
 - 2.2.6 CDN Architecture
 - 2.2.7 Server Types
 - 2.2.8 CDN Network Components
- 2.3 CDN Benefits
 - 2.3.1 CDN Service Offerings
 - 2.3.2 Companies Purchasing CDN Services
 - 2.3.3 Content Rating
 - 2.3.4 CDN is not for Content Alone
- 2.4 CDN Ecosystem
 - 2.4.1 Revenue Models and Pricing
 - 2.4.2 Carrier Role

3 CDN APPLICATIONS

- 3.1 Current Applications
 - 3.1.1 Video Delivery Networks
 - 3.1.2 Application Delivery Networks
 - 3.1.3 Future Applications
 - 3.1.4 Mobile CDN
- 3.2 Federated CDN



3.3 CDN in the Cloud

4 KEY VENDOR ANALYSIS

- 4.1 Akamai
 - 4.1.1 Strengths
 - 4.1.2 Weaknesses
 - 4.1.3 Opportunities
 - 4.1.4 Threats
- 4.2 Amazon CloudFront
 - 4.2.1 Strengths
 - 4.2.2 Weaknesses
 - 4.2.3 Opportunities
 - 4.2.4 Threats
- 4.3 EdgeCast
 - 4.3.1 Strengths
 - 4.3.2 Weaknesses
 - 4.3.3 Opportunities
 - 4.3.4 Threats
- 4.4 MaxCDN
 - 4.4.1 Strengths
 - 4.4.2 Weaknesses
 - 4.4.3 Opportunities
 - 4.4.4 Threats
- 4.5 China Netcenter
 - 4.5.1 Strengths
 - 4.5.2 Weakness
 - 4.5.3 Opportunities
 - 4.5.4 Threats
- 4.6 CloudFlare
 - 4.6.1 Strengths
 - 4.6.2 Weakness
 - 4.6.3 Opportunities
 - 4.6.4 Threats
- 4.7 Fastly CDN
 - 4.7.1 Strengths
 - 4.7.2 Weaknesses
 - 4.7.3 Opportunities
 - 4.7.4 Threats



- 4.8 CDNetworks
 - 4.8.1 Strengths
 - 4.8.2 Weakness
 - 4.8.3 Opportunities
 - 4.8.4 Threats
- 4.9 China Cache
 - 4.9.1 Strengths
 - 4.9.2 Weakness
 - 4.9.3 Opportunities
 - 4.9.4 Threats
- 4.10 Level 3 Communications Inc.
 - 4.10.1 Strengths
 - 4.10.2 Weakness
 - 4.10.3 Opportunities
 - 4.10.4 Threats

5 REVENUE EXPECTATIONS FOR CDN PROVIDERS

6 THREATS TO CDNS PROVIDERS: GOOGLE AND AMAZON

7 OVERALL ANALYSIS AND TOP TEN COMPARATIVE ANALYSIS

8 CDN MARKET OUTLOOK AND FORECASTS

- 8.1 CDN Service Revenue by Region
- 8.2 CDN Video Service Revenue by Region
- 8.3 CDN Other Service Revenue by Region
- 8.4 CDN Service Revenue by Category
- 8.5 Global Internet Traffic CDN Oriented
- 8.6 Global Internet Traffic Categories
- 8.1 CDNs and Datacenter Storage
- 8.1 CDNs and Software Defined Security

9 FUTURE OUTLOOK FOR CDN MARKETPLACE



List Of Figures

LIST OF FIGURES

Figure 1: C	CDN Delivers	Many (Content	Types to	o Many	Device	Types
-------------	--------------	--------	---------	----------	--------	--------	-------

- Figure 2: Content Distribution Schemes
- Figure 3: CDN Distributed Servers
- Figure 4: CDN Procedures to Retrieve Data
- Figure 5: CDN Equipment Configuration
- Figure 6: Video Suggestions
- Figure 7: CDN Overall Service Revenue by Region 2017 2022
- Figure 8: CDN Video Service Revenue by Region 2017 2022
- Figure 9: CDN Non-video Service Revenue by Region 2017 2022
- Figure 10: CDN Video Service Revenue by Category 2017 2022
- Figure 11: Global Internet CDN Traffic
- Figure 12: Global Internet CDN Traffic by Category
- Figure 13: Data Center Storage Market by Types of Traditional Storage
- Figure 14: Global Data Center Storage Market: DAS vs. SDS
- Figure 15: Global Data Center Storage: Cloud vs. Carrier vs. Enterprise
- Figure 16: Global Cloud Storage: Personal vs. Public Cloud
- Figure 17: Data Center Storage by Region
- Figure 18: Global Data Center Storage Market by Industry Vertical
- Figure 19: Data Center Storage Service Market and Vertical Impact
- Figure 20: Global Storage System Shipment Projections
- Figure 21: Enterprise Storage Migration
- Figure 22: SDS Market by Verticals
- Figure 23: SDS Solution by Region
- Figure 24: SDS Market by Solution Type



I would like to order

Product name: Content Delivery Networks (CDN) Market Outlook and Forecasts 2017 - 2022

Product link: https://marketpublishers.com/r/C8D448AB8C8EN.html

Price: US\$ 1,995.00 (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/C8D448AB8C8EN.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		
	Custumer 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