∏ETCRAFT

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Background

Site title	Microsoft - Official Home Page	**Date first seen**	May 2004
Site rank	139	**Primary language**	English
Description	At Microsoft our mission and values are to help people and businesses throughout the world realize their full potential.		
Keywords	*Not Present*		
Netcraft Risk Rating [FAQ]	0/10		

Network

Site	https://www.microsoft.com	**Netblock Owner**	Akamai International, BV
Domain	microsoft.com	**Nameserver**	ns1.msft.net
IP address	23.212.229.47 (VirusTotal)	**DNS admin**	msnhst@microsoft.com
IPv6 address	2a02:26f0:6e00:19b:0:0:0:356e	**Reverse DNS**	a23-212-229-47.deploy.static.akamaitechnologies.com
Domain registrar	markmonitor.com	**Nameserver organisation**	whois.markmonitor.com
Organisation	Microsoft Corporation, One Microsoft Way,, Redmond, 98052, United States	**Hosting company**	Akamai Technologies
Top Level Domain	Commercial entities (.com)	**DNS Security Extensions**	*unknown*
Hosting country	NL	**Latest Performance**	Performance Graph

SSL/TLS

SSLv3/POODLE	This site does not support the SSL version 3 protocol.
	More information about SSL version 3 and the POODLE vulnerability.
Heartbleed	The site offered the Heartbeat TLS extension prior to the Heartbleed disclosure, but is using a new certificate and no longer offers Heartbeat.
	This test does not exploit the Heartbleed vulnerability but uses information from conventional HTTPS requests. More information about Heartbleed detection

Assurance	Organisation validation		
Organisation	Microsoft Corporation	**Common name**	www.microsoft.com
State	WA	**Country**	US
Organisational unit	Microsoft Corporation	**Subject Alternative Name**	privacy.microsoft.com, c.s-microsoft.com, microsoft.com, i.s-microsoft.com, staticview.microsoft.com, www.microsoft.com, wwwqa.microsoft.com
Validity period	From Jan 16 2018 to Jan 16 2020 (24 months)	**Matches hostname**	Yes
Server	AkamaiGHost	**Public key algorithm**	rsaEncryption
Protocol version	TLSv1.2	**Public key length**	2048
Certificate check	ok	**Signature algorithm**	sha256WithRSAEncryption
Serial number	0x160000a226527171f754acc41600000000a226	**Cipher**	ECDHE-RSA-AES128-GCM-SHA256
Version number	0x02	**Perfect Forward**	Yes

Next Protocol Negotiation	h2,h2-14,http/1.1,http/1.0		**Secrecy Supported TLS Extensions**	RFC5746 renegotiation info, RFC4366 server name, RFC4492 EC point formats, RFC5077 sess ticket, RFC4366 status request, Next Protocol Negotiation
Issuing organisation	Microsoft Corporation		**Issuer common name**	Microsoft IT TLS CA 4
Issuer unit	Microsoft IT		**Issuer location**	Redmond
Issuer country	US		**Issuer state**	Washington
Certificate Revocation Lists	http://mscrl.microsoft.com/pki/mscorp/crl/Microsoft%20IT%20TLS%20CA%204.crl http://crl.microsoft.com/pki/mscorp/crl/Microsoft%20IT%20TLS%20CA%204.crl		**Certificate Hash**	Xo5uffbQs/vrmgUOZF5WnWhyM
Public Key Hash	b8ccf0c6ca6f23e0cb17ceb65c2d852b20b9dd713d7a810b98e92856fc7ba19e			
OCSP servers	http://ocsp.msocsp.com - *100% uptime in the past 24 hours*			
OCSP stapling response	Certificate valid			
OCSP data generated	Jul 9 19:06:37 2019 GMT		**OCSP data expires**	Jul 13 19:06:37 2019 GMT
Certificate transparency	**Signed Certificate Timestamps (SCTs)**			

Source	Log	Timestamp	Signature Verification
		No SCTs received or issuer unknown	

SSL Certificate Chain

Hosting History

Netblock owner	IP address	OS	Web server	Last seen Refresh
Akamai Technologies, Inc. 150 Broadway Cambridge MA US 02142	104.110.245.246	Linux	unknown	10-Jul-2019
Akamai	88.221.16.244	Linux	unknown	1-Jul-2019
Akamai Technologies, Inc. 150 Broadway Cambridge MA US 02142	104.110.245.246	Linux	unknown	19-Jun-2019
Akamai	88.221.41.6	Linux	unknown	12-Jun-2019
Akamai Technologies, Inc. 150 Broadway Cambridge MA US 02142	104.120.213.250	Linux	unknown	27-May-2019
Akamai	88.221.41.6	Linux	unknown	16-May-2019
Akamai	88.221.16.244	Linux	unknown	26-Apr-2019
Akamai Technologies	2.22.5.131	Linux	unknown	9-Apr-2019
Akamai	88.221.41.6	Linux	unknown	8-Apr-2019
Akamai	84.53.169.145	Linux	unknown	1-Apr-2019

Sender Policy Framework

A host's Sender Policy Framework (SPF) describes who can send mail on its behalf. This is done by publishing an SPF record containing a series of rules. Each rule consists of a qualifier followed by a specification of which domains to apply this qualifier to. For more information please see openspf.org.

Warning: It appears that this host does not have an SPF record. Setting up an SPF record helps prevent the delivery of forged emails from your domain.

DMARC

DMARC (Domain-based Message Authentication, Reporting and Conformance) is a mechanism for domain owners to indicate how mail purporting to originate from their domain should be authenticated. It builds on SPF and DKIM, providing a method to set policy and to give reporting of failures. For more information please see dmarc.org.

This host does not have a DMARC record.

Web Trackers

Web Trackers are third-party resources loaded onto a webpage. Trackable resources include social sharing widgets, javascript files, and images. These trackers can be used to monitor individual user behaviour across the web. Data derived from these trackers are primarily used for advertising or analytics purposes.

1 known tracker was identified.

Companies

Adobe (1)

Categories
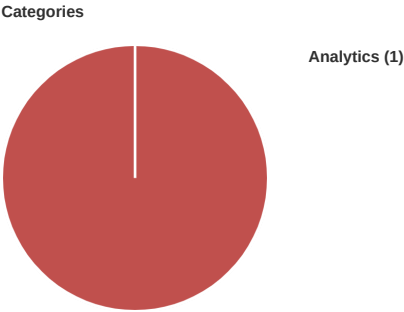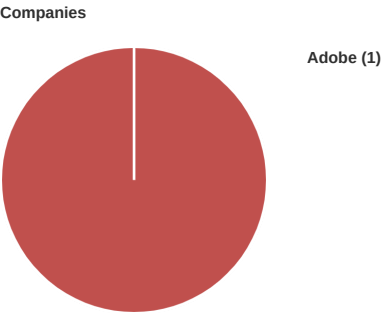
Analytics (1)

Company ▲	Primary Category	Tracker	Popular Sites with this Tracker
Adobe 🔗	Analytics	Omniture	www.cisco.com, www.bankofamerica.com, www.hl.co.uk

Site Technology   Fetched on 9th June 2019

Server-Side

Includes all the main technologies that Netcraft detects as running on the server such as PHP.

Technology	Description	Popular sites using this technology
SSL 🔗	A cryptographic protocol providing communication security over the Internet	kayakoreport.hostasaurus.com
Using ASP.NET 🔗	ASP.NET is running on the server	www.webmd.com, www.asus.com, www.wordreference.com

Client-Side

Includes all the main technologies that run on the browser (such as JavaScript and Adobe Flash).

Technology	Description	Popular sites using this technology
Web Worker	No description	www.cbsnews.com, www.skysports.com, olpair.com
Asynchronous Javascript	No description	www.binance.com, www.kraken.com, login.aliexpress.com
Local Storage	No description	www.primevideo.com, www.espncricinfo.com, www.digikala.com
Session Storage	No description	www.grammarly.com, www.hurriyet.com.tr, www.hbg.com
JavaScript 🔗	Widely-supported programming language commonly used to power client-side dynamic content on websites	login.salesforce.com, vdms-ssl.cedexis-test.com

Client-Side Scripting Frameworks

Frameworks or libraries allow for easier development of applications by providing an Application Program Interface (API) or a methodology to follow whilst developing.

Technology	Description	Popular sites using this technology
jQuery 🔗	A JavaScript library used to simplify the client-side scripting of HTML	www.cisco.com, www.amazon.in, www.amazon.co.uk
AJAX	No description	www.icloud.com, www.walmart.com, www.capitalone.com

Content Delivery Network

A content delivery network or content distribution network (CDN) is a large distributed system of servers deployed in multiple data centers in the Internet. The goal of a CDN is to serve content to end-users with high availability and high performance.

Technology	Description	Popular sites using this technology
Akamai ⧉	Web Content Delivery service provider	www.canada.ca, www.aliexpress.com, www.olx.ua

Character Encoding

A character encoding system consists of a code that pairs each character from a given repertoire with something else such as a bit pattern, sequence of natural numbers, octets, or electrical pulses in order to facilitate the transmission of data (generally numbers or text) through telecommunication networks or for data storage.

Technology	Description	Popular sites using this technology
UTF8 ⧉	UCS Transformation Format 8 bit	gmail.com

HTTP Compression

HTTP compression is a capability that can be built into web servers and web clients to make better use of available bandwidth, and provide greater transmission speeds between both.

Technology	Description	Popular sites using this technology
Gzip Content Encoding ⧉	Gzip HTTP Compression protocol	www.tsetmc.com, www.programme-tv.net, www.amazon.fr

Web Browser Targeting

Web browser targeting enables software applications to make use of specific functions of the browser as well as optimizing the application for specific browser versions.

Technology	Description	Popular sites using this technology
Strict Transport Security ⧉	Web security policy mechanism whereby a web server declares that complying user agents are to interact with it using only secure HTTP connections	www.linkedin.com, accounts.google.com, outlook.live.com
Document Compatibility Mode ⧉	A meta-tag used in Internet Explorer 8 to enable compatibility mode	www.coinbase.com, yandex.ru, outlook.office365.com
X-Content-Type-Options ⧉	Browser MIME type sniffing is disabled	dtm.advertising.com, secure-assets.rubiconproject.com, docs.microsoft.com
X-Frame-Options Same Origin	Do not allow this site to be rendered within an iframe	www.w3schools.com, www.google.com, lastpass.com

Privacy Management

Privacy policy is a statement or a legal document (privacy law) that discloses some or all of the ways a party gathers, uses, discloses and manages a customer or client's data.

Technology	Description	Popular sites using this technology
P3P ⧉	Platform for Privacy Preferences Project allows websites to express their privacy practices	smile.amazon.com, static.addtoany.com, ads.pubmatic.com

Doctype

A Document Type Declaration, or DOCTYPE, is an instruction that associates a particular SGML or XML document (for example, a webpage) with a Document Type Definition (DTD).

Technology	Description	Popular sites using this technology
HTML5 ⧉	Latest revision of the HTML standard, the main markup language on the web	

HTML 5

HTML5 is a markup language for structuring and presenting content for the World Wide Web and a core technology of the Internet. It is the fifth revision of the HTML standard.

Technology	Description	Popular sites using this technology
Viewport meta tag	HTML5 tag usually used for mobile optimization	discordapp.com

CSS Usage

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation semantics (the look and formatting) of a document written in a markup language (such as XHTML).

Technology	Description	Popular sites using this technology
External ⧉	Styles defined within an external CSS file	www.msn.com, www.bitmex.com, www.facebook.com
CSS Media Query	No description	www.zerohedge.com, www.googleadservices.com, www.tumblr.com