

KEAMANAN JARINGAN KOMPUTER



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**FAKULTAS ILMU KOMPUTER
JURUSAN SISTEM KOMPUTER
UNIVERSITAS SRIWIJAYA
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1. WhoIs

Whois atau disuarakan “who is” digunakan untuk mendapatkan data informasi domain tertentu seperti nama pemilik domain, ip address, name server dan umur domain. Whois lookup yaitu sebuah aplikasi berbasis command line digunakan untuk melakukan query terhadap database whois.

Namun dalam perkembangannya, data whois suatu domain bisa dilihat di situs whois seperti domaintools atau whois.net. Sehingga user biasa seperti kita bisa mendapatkan informasi kepemilikan suatu domain dengan mudah. Walaupun demikian program whois berbasis command-line masih sering digunakan oleh Administrator jaringan.



The screenshot shows the Whois website interface. At the top, there is a search bar and a navigation menu with categories: DOMAINS, HOSTING, CLOUD, WEBSITES, EMAIL, SECURITY, WHOIS, and SUPP. The main content area displays the domain 'pertamina.com' with a refresh icon and the text 'Updated 6 days ago'. Below this, there are four sections of domain information:

- DOMAIN INFORMATION**
 - Domain: pertamina.com
 - Registrar: eNom, Inc.
 - Registration Date: 1996-01-26
 - Expiration Date: 2019-01-27
 - Updated Date: 2017-12-29
 - Status: clientTransferProhibited
 - Name Servers: ns1.javanic.com, ns2.javanic.com
- REGISTRANT CONTACT**
 - Name: FRANS FREDRIK HUWAE
 - Organization: PT. PERTAMINA (PERSERO)
 - Street: JL. MEDAN MERDEKA TIMUR 1A
 - City: JAKARTA
 - State: DKI JAKARTA
 - Postal Code: 10110
 - Country: ID
 - Phone: +62.213616886
 - Fax: +62.213603968
 - Email: FRANSFR@PERTAMINA.COM
- ADMINISTRATIVE CONTACT**
 - Name: FRANS FREDRIK HUWAE
 - Organization: PT. PERTAMINA (PERSERO)
 - Street: JL. MEDAN MERDEKA TIMUR 1A
 - City: JAKARTA
 - State: DKI JAKARTA
 - Postal Code: 10110
 - Country: ID
 - Phone: +62.213616886
 - Fax: +62.213603968
 - Email: FRANSFR@PERTAMINA.COM
- TECHNICAL CONTACT**
 - Name: JAVANIC SERVER
 - Organization: JAVANIC
 - Street: TEBET BARAT
 - City: JAKARTA
 - State: DKI JAKARTA
 - Postal Code: 12910
 - Country: ID
 - Phone: +62.2163704316
 - Fax: +62.2163704316
 - Email: HW91@JAVANIC.COM

RAW WHOIS DATA

Domain Name: PERTAMINA.COM
Registry Domain ID: 218610_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.enom.com
Registrar URL: www.enom.com
Updated Date: 2017-12-29T01:06:08.00Z
Creation Date: 1996-01-26T05:00:00.00Z
Registrar Registration Expiration Date: 2019-01-27T05:00:00.00Z
Registrar: ENOM, INC.
Registrar IANA ID: 48
Domain Status: clientTransferProhibited
<https://www.icann.org/epp#clientTransferProhibited>
Registry Registrant ID:
Registrant Name: FRANS FREDRIK HUWAE
Registrant Organization: PT. PERTAMINA (PERSERO)
Registrant Street: JL. MEDAN MERDEKA TIMUR 1A
Registrant City: JAKARTA
Registrant State/Province: DKI JAKARTA
Registrant Postal Code: 10110
Registrant Country: ID
Registrant Phone: +62.213816886
Registrant Phone Ext:
Registrant Fax: +62.213503968
Registrant Fax Ext:
Registrant Email: **FRANSFH**@PERTAMINA.COM
Registry Admin ID:
Admin Name: FRANS FREDRIK HUWAE
Admin Organization: PT. PERTAMINA (PERSERO)
Admin Street: JL. MEDAN MERDEKA TIMUR 1A
Admin City: JAKARTA
Admin State/Province: DKI JAKARTA
Admin Postal Code: 10110
Admin Country: ID
Admin Phone: +62.213816886
Admin Phone Ext:
Admin Fax: +62.213503968
Admin Fax Ext:
Admin Email: **FRANSFH**@PERTAMINA.COM
Registry Tech ID:
Tech Name: JAVANIC SERVER
Tech Organization: JAVANIC
Tech Street: TEBET BARAT
Tech City: JAKARTA
Tech State/Province: DKI JAKARTA
Tech Postal Code: 12910
Tech Country: ID
Tech Phone: +62.2183704316
Tech Phone Ext:
Tech Fax: +62.2183704316
Tech Fax Ext:
Tech Email: **HOST**@JAVANIC.COM
Name Server: NS1.JAVANIC.COM
Name Server: NS2.JAVANIC.COM
DNSSEC: unSigned
Registrar Abuse Contact Email: **abuse**@enom.com
Registrar Abuse Contact Phone: +1.4252982646
URL of the ICANN WHOIS Data Problem Reporting System: <http://wdprs.internic.net/>
>>> Last update of WHOIS database: 2017-12-29T01:06:08.00Z <<<

For more information on Whois status codes, please visit <https://icann.org/epp>

The data in this whois database is provided to you for information purposes only, that is, to assist you in obtaining information about or related to a domain name registration record. We make this information available "as is," and do not guarantee its accuracy. By submitting a whois query, you agree that you will use this data only for lawful purposes and that, under no circumstances will you use this data to: (1) enable high volume, automated, electronic processes that stress or load this whois database system providing you this information; or (2) allow, enable, or otherwise support the transmission of mass unsolicited, commercial advertising or solicitations via direct mail, electronic mail, or by telephone. The compilation, repackaging, dissemination or other use of this data is expressly prohibited without prior written consent from us.

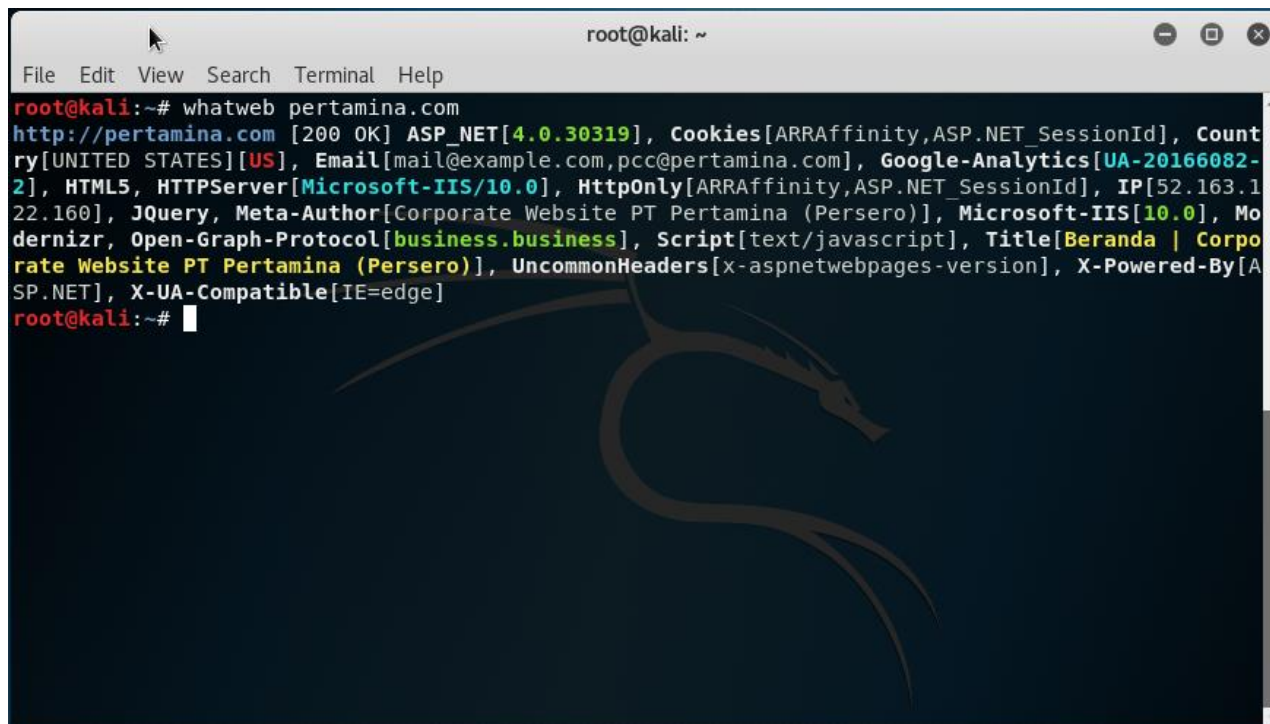
We reserve the right to modify these terms at any time. By submitting this query, you agree to abide by these terms.
Version 6.3 4/3/2002

Get Noticed on the Internet! Increase visibility for this domain name by listing it at www.whoisbusinesslistings.com

2. WhatWeb

Whatweb adalah salah satu Tools untuk Scanning website yang biasanya sudah include di Sistem Operasi Pentest seperti Kali Linux dan Parrot OS Sec.

WhatWeb mengidentifikasi situs. Tujuannya adalah untuk menjawab pertanyaan, "Apa Website yang?". WhatWeb mengakui teknologi web termasuk sistem manajemen konten (CMS), platform blogging, statistik / paket analytics, perpustakaan JavaScript, server web, dan perangkat embedded. WhatWeb memiliki lebih dari 1700 plugin, masing-masing untuk mengenali sesuatu yang berbeda. WhatWeb juga mengidentifikasi nomor versi, alamat email, ID account, modul kerangka web, kesalahan SQL, dan banyak lagi.



```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# whatweb pertamina.com  
http://pertamina.com [200 OK] ASP_NET[4.0.30319], Cookies[ARRAffinity,ASP.NET_SessionId], Count  
ry[UNITED STATES][US], Email[mail@example.com,pcc@pertamina.com], Google-Analytics[UA-20166082-  
2], HTML5, HTTPServer[Microsoft-IIS/10.0], HttpOnly[ARRAffinity,ASP.NET_SessionId], IP[52.163.1  
22.160], JQuery, Meta-Author[Corporate Website PT Pertamina (Persero)], Microsoft-IIS[10.0], Mo  
dernizr, Open-Graph-Protocol[business.business], Script[text/javascript], Title[Beranda | Corpo  
rate Website PT Pertamina (Persero)], UncommonHeaders[x-aspnetwebpages-version], X-Powered-By[A  
SP.NET], X-UA-Compatible[IE=edge]  
root@kali:~#
```

3. Netcraft

Netcraft adalah perusahaan penyedia layanan Internet yang berbasis di Bath, Inggris. Pendapatan yang diperoleh oleh Netcraft bersumber dari:

Penyedia layanan keamanan Internet yang mencakup layanan anti-fraud dan anti-phishing, pengetesan aplikasi dan lain-lain.

Menyediakan data-data untuk penelitian pada berbagai aspek di Internet. Netcraft telah menjelajah Internet sejak 1995 dan memiliki kewenangan pada market share dari web server, sistem operasi, hosting providers, ISP, transaksi terenkripsi, bisnis secara elektronik, bahasa-bahasa scripting dan teknologi konten di Internet. Biaya iklan pada situs Netcraft.

Results for pertamina.com

Found 2 sites

Site	Site Report	First seen	Netblock	OS
1. www.pertamina.com		september 1996	indosatm2 idc jatipadang allocation	windows server 2008
2. recruitment.pertamina.com		november 2012	indosatm2 idc jatipadang allocation	windows server 2008

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Hosting History

Netblock owner	IP address	OS	Web server	Last seen	Refresh
Microsoft Corporation One Microsoft Way Redmond WA US 98052	52.163.122.160	unknown	Microsoft-IIS/10.0	8-Mar-2018	
INDOSATM2 IDC Jatipadang Allocation Jl. Kebagusan raya No 36 Ragunan, Jakarta Selatan Indonesia	219.83.125.163	unknown	unknown	21-Feb-2017	
INDOSATM2 IDC Jatipadang Allocation Jl. Kebagusan raya No 36 Ragunan, Jakarta Selatan Indonesia	219.83.125.163	unknown	Microsoft-IIS/7.5	13-Oct-2013	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	75.126.36.10	Windows Server 2003	Microsoft-IIS/6.0	31-May-2012	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	75.126.36.10	Windows Server 2003	Microsoft-IIS/6.0	1-Aug-2007	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	75.126.36.10	Windows Server 2003	Microsoft-IIS/6.0	20-Dec-2006	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	69.56.139.168	Windows Server 2003	-	28-Jul-2006	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	69.56.139.168	Windows Server 2003	Microsoft-IIS/6.0	4-Jun-2006	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	69.56.139.168	unknown	Microsoft-IIS/6.0	17-Apr-2006	
SoftLayer Technologies Inc. 1950 N Stemmons Freeway Dallas TX US 75207	69.56.139.168	Windows Server 2003	Microsoft-IIS/6.0	19-Jul-2004	

4. CVE

[CVE-2018-2611](#) Vulnerability in the Sun ZFS Storage Appliance Kit (AK) component of Oracle Sun Systems Products Suite (subcomponent: Core Services). The supported version that is affected is Prior to 8.7.13. Easily exploitable vulnerability allows unauthenticated attacker with network access via HTTP to compromise Sun ZFS Storage Appliance Kit (AK). While the vulnerability is in Sun ZFS Storage Appliance Kit (AK), attacks may significantly impact additional products. Successful attacks of this vulnerability can result in takeover of Sun ZFS Storage Appliance Kit (AK). CVSS 3.0 Base Score 10.0 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H).

Kerentanan pada komponen Sun ZFS Storage Appliance Kit (AK) dari Oracle Sun Systems Products Suite (subkomponen: Layanan Inti). Versi yang didukung yang terpengaruh adalah Sebelum 8.7.13. Kerentanan yang mudah dieksploitasi memungkinkan penyerang yang tidak berkepentingan dengan akses jaringan melalui HTTP untuk mengkompromikan Sun ZFS Storage Appliance Kit (AK).

Sementara kerentanannya ada di Sun ZFS Storage Appliance Kit (AK), serangan secara signifikan dapat mempengaruhi produk tambahan. Serangan yang berhasil dari kerentanan ini dapat mengakibatkan pengambilalihan Sun ZFS Storage Appliance Kit (AK). CVSS 3.0 Base Score 10.0 (Kerahasiaan, Integritas dan Dampak Ketersediaan). CVSS Vector: (CVSS: 3.0 / AV: N / AC: L / PR: N / UI: N / S: C / C: H / I: H / A: H).

CVE-2018-2611 Detail

Current Description

Vulnerability in the Sun ZFS Storage Appliance Kit (AK) component of Oracle Sun Systems Products Suite (subcomponent: Core Services). The supported version that is affected is Prior to 8.7.13. Easily exploitable vulnerability allows unauthenticated attacker with network access via HTTP to compromise Sun ZFS Storage Appliance Kit (AK). While the vulnerability is in Sun ZFS Storage Appliance Kit (AK), attacks may significantly impact additional products. Successful attacks of this vulnerability can result in takeover of Sun ZFS Storage Appliance Kit (AK). CVSS 3.0 Base Score 10.0 (Confidentiality, Integrity and Availability impacts). CVSS Vector: (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H).

Source: MITRE Last Modified: 01/17/2018 [+View Analysis Description](#)

QUICK INFO

CVE Dictionary Entry: CVE-2018-2611
Original release date: 01/17/2018
Last revised: 01/25/2018
Source: US-CERT/NIST

Impact

CVSS Severity (version 3.0):

CVSS v3 Base Score: 10.0 Critical

Vector: CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H (legend)

Impact Score: 6.0

Exploitability Score: 3.9

CVSS Version 3 Metrics:

Attack Vector (AV): Network

Attack Complexity (AC): Low

Privileges Required (PR): None

User Interaction (UI): None

Scope (S): Changed

Confidentiality (C): High

Integrity (I): High

Availability (A): High

CVSS Severity (version 2.0):

CVSS v2 Base Score: 7.5 HIGH

Vector: (AV:N/AC:L/Au:N/C:P/I:P/A:P) (legend)

Impact Subscore: 6.4

Exploitability Subscore: 10.0

CVSS Version 2 Metrics:

Access Vector: Network exploitable

Access Complexity: Low

Authentication: Not required to exploit

Impact Type: Allows unauthorized disclosure of information; Allows unauthorized modification; Allows disruption of service

References to Advisories, Solutions, and Tools

By selecting these links, you will be leaving NIST webspace. We have provided these links to other web sites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other web sites that are more appropriate for your purpose. NIST does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, NIST does not endorse any commercial products that may be mentioned on these sites. Please address comments about this page to nvd@nist.gov.

Deskripsi

Fungsi unimac_mdio_probe pada driver / net / phy / mdio-bcm-unimac.c di kernel Linux melalui 4.15.8 tidak memvalidasi ketersediaan sumber daya tertentu, yang memungkinkan pengguna lokal menyebabkan penolakan layanan (NULL pointer dereference).

Dengan memilih link ini, Anda akan meninggalkan ruang web NIST. Kami telah menyediakan tautan ini ke situs web lain karena mereka mungkin memiliki informasi yang menarik bagi Anda. Tidak ada kesimpulan yang harus diambil karena situs lain yang dirujuk, atau tidak, dari halaman ini. Mungkin ada situs web lain yang lebih sesuai untuk tujuan Anda. NIST tidak selalu mendukung pandangan yang diungkapkan, atau sesuai dengan fakta yang disajikan di situs ini. Selanjutnya, NIST tidak mendukung produk komersial apa pun yang mungkin disebutkan di situs ini. Tolong sampaikan komentar tentang halaman ini ke nvd@nist.gov.