

Weekly Report of CNCERT

Key Findings

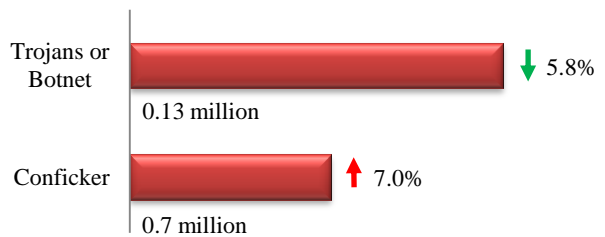


Infected Computers in Mainland China	• 0.20 Million	↓ 4.6%
Defaced Websites in Mainland China	• 669	↓ 9.1%
Defaced gov.cn	• 52	↓ 3.7%
Backdoored Websites in Mainland China	• 553	↓ 16.4%
Backdoored gov.cn	• 10	↑ 100.0%
Phishing Webpages Targeting Websites in Mainland China	• 2,924	↑ 82.4%
New Vulnerabilities Collected by CNVD	• 138	↓ 66.7%
High-risk Vulnerabilities	• 44	↓ 73.5%

▬ marks the same number as last week; ↑ marks an increase from last week; ↓ marks a decrease from last week

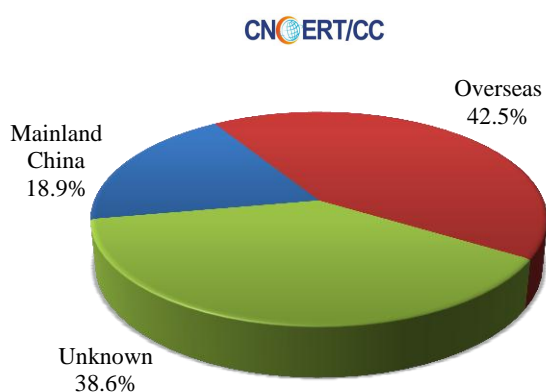
Malware Activities

The infected computers in mainland China amounted to about 0.20 million, among which about 0.13 million were controlled by Trojans or Botnets and about 0.7 million by Confickers.

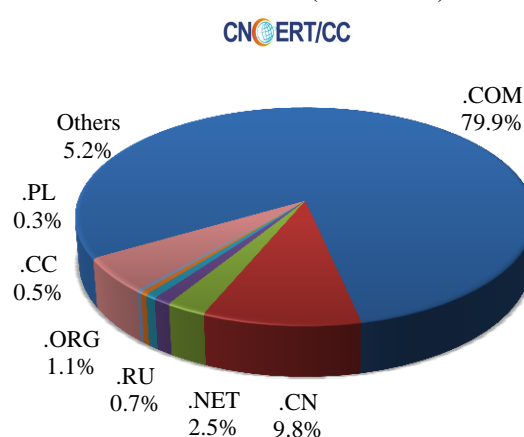


The malware-hosting websites is the jumping-off place for malware propagation. The malware-hosting websites monitored by CNCERT this week involved 6,864 domains and 5,281 IP addresses. Among the 6,864 malicious domains, 18.9% were registered overseas and 79.9% of their TLDs fell into the category of.com. Among the 5,281 malicious IPs, 54.3% were overseas. Based on our analysis of the malware-hosting website's URLs, the majority of them were accessed via domain names, and only 669 were accessed directly via IPs.

Malware-hosting Websites' Domains Registered Home and Abroad (Dec 31-Jan 1)



TLD Distribution of the Malware-hosting Websites' Domains (Dec 1-Jan 6)



In terms of the malicious domain names and IPs either monitored by CNCERT or sourced from the reporting members, CNCERT has actively coordinated the domain registrars and other related agencies to handle them. Moreover, the blacklist of these malicious domains and IPs has been published on the website of Anti Network-Virus Alliance of China (ANVA).

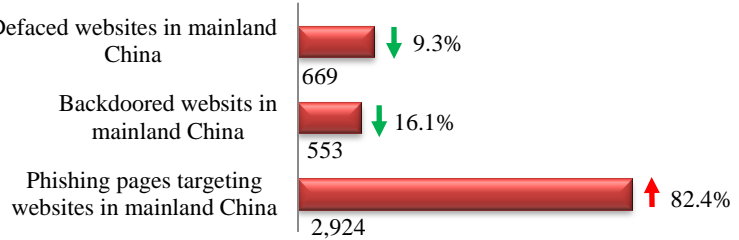
The URL of ANVA for Publishing the Blacklist of Malicious Domains and IPs.

<http://www.anva.org.cn/virusAddress/listBlack>

Anti Network-Virus Alliance of China (ANVA) is an industry alliance that was initiated by Network and Information security Committee under Internet Society of China (ISC) and has been operated by CNCERT.

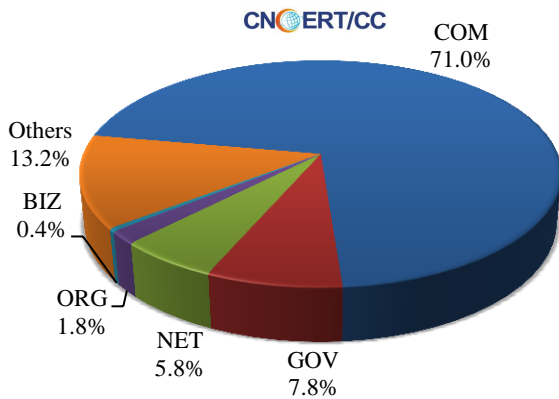
Website Security

This week, CNCERT monitored 669 defaced websites, 553 websites planted with backdoors and 2,924 phishing web pages targeting websites in mainland China.

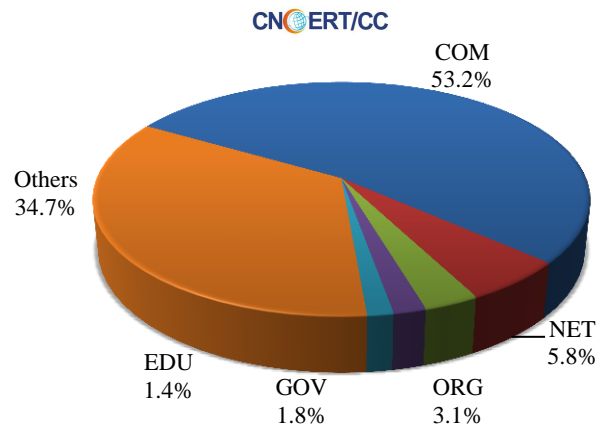


This week, the defaced government (gov.cn) websites totaled 52 (7.8%), a decrease of 3.7% from last week. Backdoors were installed into 10 (1.8%) government (gov.cn) websites, an increase of 100.0% from last week. The fake domains and IP addresses targeting websites in mainland China reached 810 and 301 respectively, with each IP address loading about 11 phishing web pages on average.

Domain Categories of the Defaced Websites in Mainland China (Dec 31-Jan 6)

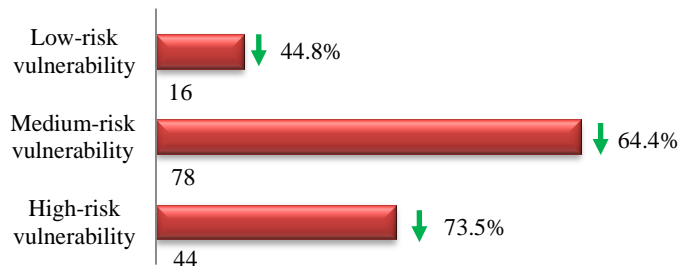


Domain Categories of the Backdoored Websites in Mainland China (Dec 31-Jan 6)

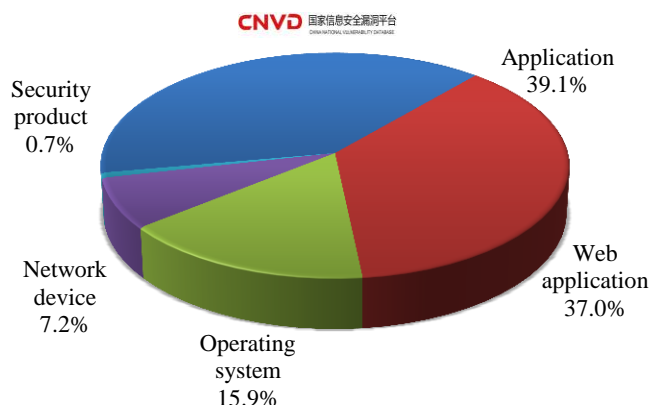


Vulnerabilities

This week, China National Vulnerability Database (CNVD) recorded 138 new vulnerabilities. This week's overall vulnerability severity was evaluated as medium.



Objectives Affected by the Vulnerabilities Collected by CNVD (Dec 31-Jan 6)



The Application was most frequently affected by these vulnerabilities collected by CNVD, followed by Web Application and Operating system.

For more details about the vulnerabilities, please review CNVD Weekly Vulnerability Report.

The URL of CNVD for Publishing Weekly Vulnerability Report

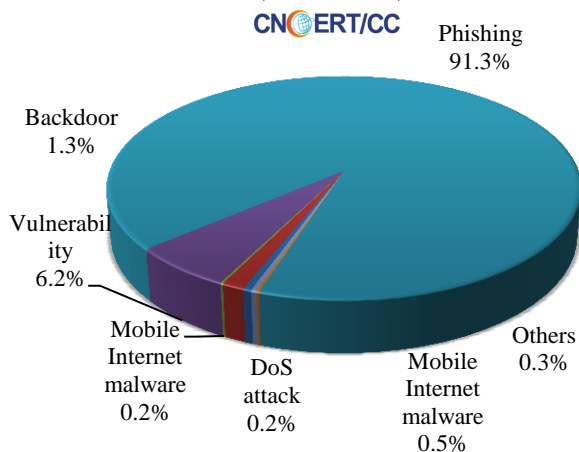
<http://www.cnvd.org.cn/webinfo/list?type=4>

China National Vulnerability Database (CNVD) was established by CNCERT, together with control systems, ISPs, ICPs, network security vendor, software producers and internet enterprises for sharing information on vulnerabilities.

Incident Handling

This week, CNCERT has handled 585 network security incidents, 341 of which were cross-border ones, by coordinating ISPs, domain registrars, mobile phone application stores, branches of CNCERT and our international partners.

Types of the Incidents Handled by CNCERT (Dec 31-Jan 6)



Overseas reported incident handled by coordinating domestic organizations

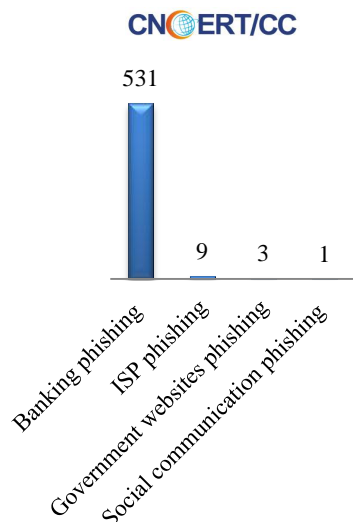
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Domestic reported incident handled by coordinating overseas organizations

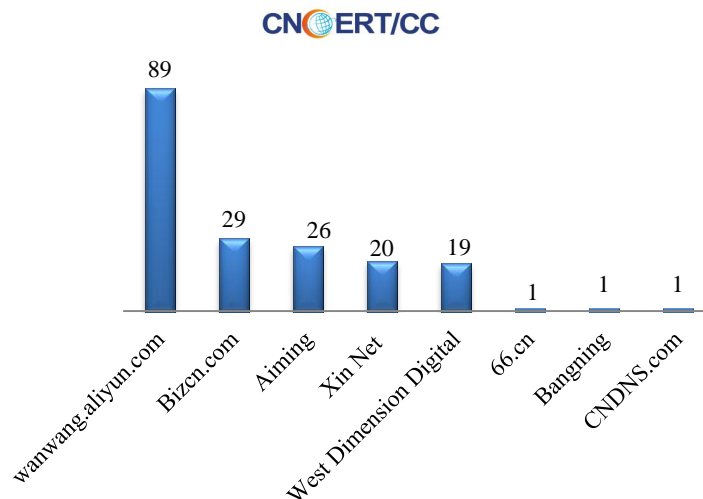
337

Specifically, CNCERT has coordinated domestic and overseas domain registrars, international CERTs and the other organizations to handle 554 phishing incidents. Based on industries that these phishing targets belong to, there were 531 banking phishing incidents and 9 ISP phishing incidents.

Phishing Incidents Handled by CNCERT Based on Industries of the Phishing Targets (Dec 31-Jan 6)

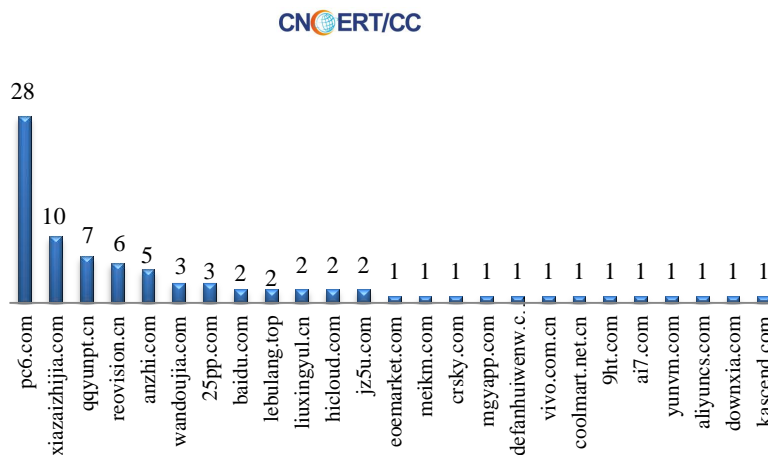


CNCERT Coordinated Domestic to Handle Phishing Incidents (Dec 31-Jan 6)



CNCERT Coordinated Mobile Phone Application Stores to Handle Mobile Malware (Dec 31-Jan 6)

This week, CNCERT has coordinated 25 mobile phone application store and malware-injected domains to handle 85 malicious URL of the mobile malware.



About CNCERT

The National Computer network Emergency Response Technical Team / Coordination Center of China (CNCERT or CNCERT/CC) is a non-governmental, non-profitable organization of network security technical coordination. Since its foundation in Sep.2002, CNCERT has dedicated to carrying out the work of preventing, detecting, warning and handling China network security incidents under the policy of “positive prevention, timely detection, prompt response, guaranteed recovery”, to maintain the safety of China public Internet and ensure the safe operation of the information network infrastructures and the vital information systems. Branches of CNCERT spread in 31 provinces, autonomous regions and municipalities in mainland China.

CNCERT is active in developing international cooperation and is a window of network security incidents handling to the world. As a full member of the famous international network security cooperative organization FIRST and one of the initiators of APCERT, CNCERT devotes itself to building a prompt response and coordination handling mechanism of cross-border network security incidents. By 2017, CNCERT has established “CNCERT International Partners” relationships with 211 organizations from 72 countries or regions.

Contact us

Should you have any comments or suggestions on the Weekly Report of CNCERT, please contact our editors.

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