CNCERT/CC

Issue 47 2018

Nov 19-Nov 25

Weekly Report of CNCERT

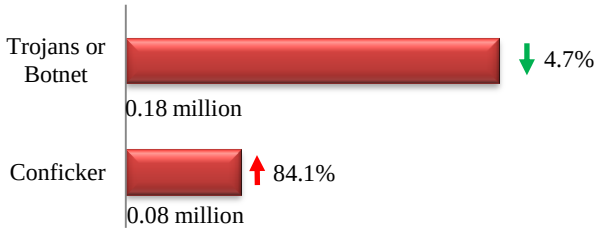
Key Findings

Infected Computers in Mainland China	• 0.26 Million	↑ 13.0%
Defaced Websites in Mainland China	• 865	↑ 61.1%
Defaced gov.cn	• 39	↑ 50.0%
Backdoored Websites in Mainland China	• 573	↓ 6.5%
Backdoored gov.cn	• 9	↓ 35.7%
Phishing Webpages Targeting Websites in Mainland China	• 1,976	↑ 10.8%
New Vulnerabilities Collected by CNVD	• 153	↓ 24.3%
High-risk Vulnerabilities	• 61	↓ 39.0%

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

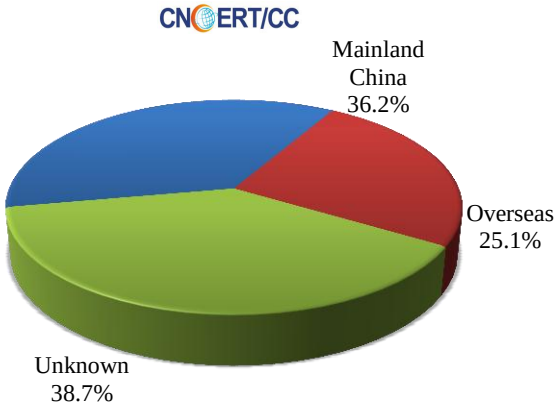
Malware Activities

The infected computers in mainland China amounted to about 0.26 million, among which about 0.18 million were controlled by Trojans or Botnets and about 0.08 million by Confickers.

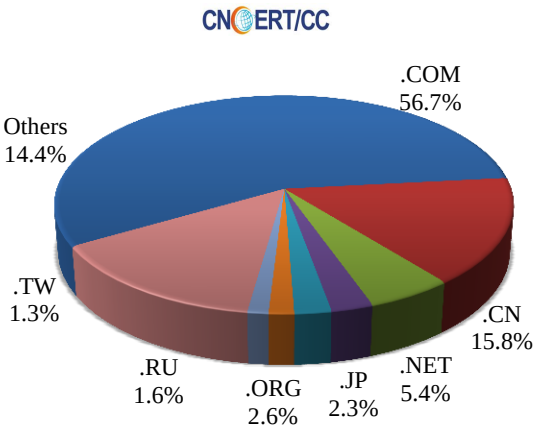


The malware-hosting websites is the jumping-off place for malware propagation. The malware-hosting websites monitored by CNCERT this week involved 3,735 domains and 5,381 IP addresses. Among the 3,735 malicious domains, 25.1% were registered overseas and 56.7% of their TLDs fell into the category of.com. Among the 5,381 malicious IPs, 51.6% were overseas. Based on our analysis of the malware-hosting website's URLs, the majority of them were accessed via domain names, and only 546 were accessed directly via IPs.

Malware-hosting Websites' Domains Registered Home and Abroad (Nov 19-Nov 25)



TLD Distibution of the Malware-hosting Websites' Domains (Nov 19-Nov 25)



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).

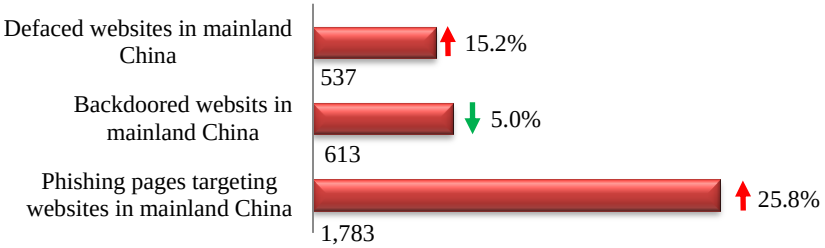
The URL of ANVA for Publishing the Blacklist of Malicious Domains and IPs.

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 537 defaced websites, 613 websites planted with backdoors and 1,783 phishing web pages targeting websites in mainland China.



This week, the defaced government (gov.cn) websites totaled 39 (4.5%), an increase of 50.0% from last week. Backdoors were installed into 9 (1.6%) government (gov.cn) websites, a decrease of 35.7% from last week. The fake domains and IP addresses targeting websites in mainland China reached 525 and 259 respectively, with each IP address loading about 8 phishing web pages on average.

Domain Categories of the Defaced Websits in Mainland China (Nov 19-Nov 25)

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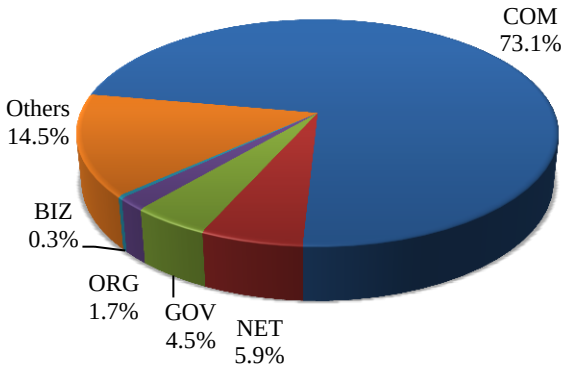

Domain Categories of the Backdoored Websites in Mainland China (Nov 19-Nov 25)

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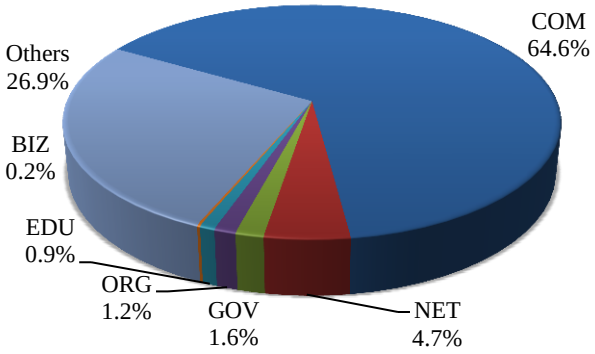
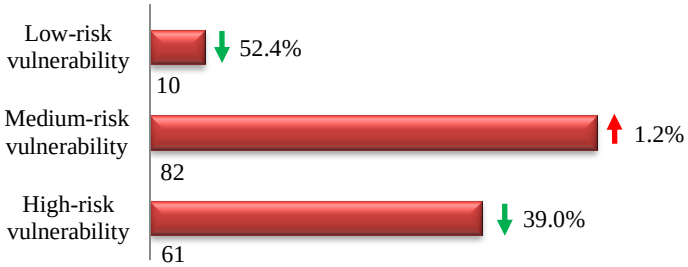
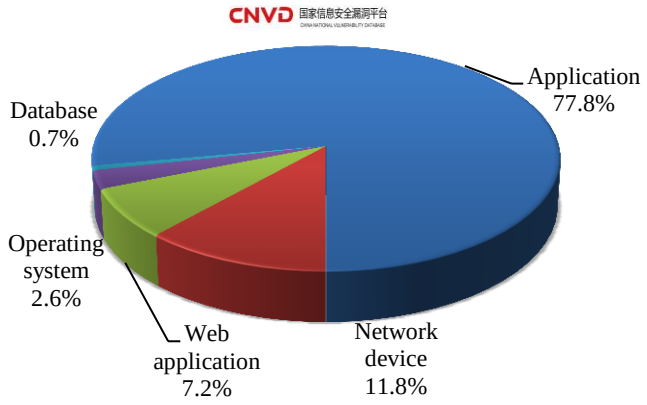


Vulnerabilities

This week, China National Vulnerability Database (CNVD) recorded 153 new vulnerabilities. This week's overall vulnerability severity was evaluated as medium.



Objectives Affected by the Vulnerabilities Collected by CNVD (Nov 19-Nov 25)



The Application was most frequently affected by these vulnerabilities collected by CNVD, followed by Network device and the Web application.

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

The URL of CNVD for Publishng Weekly Vulnerability Report

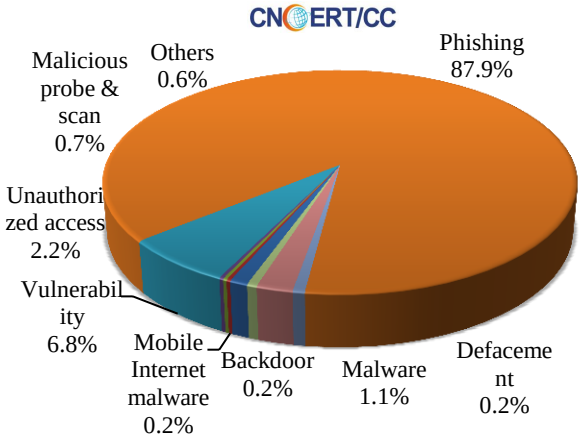
http://www.cnvd.org.cn/webinfo/list?type=4

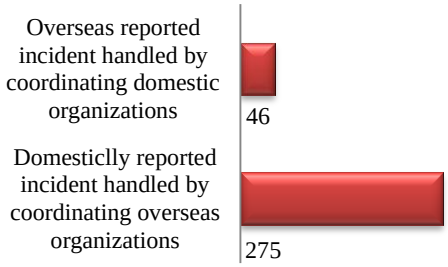
China National Vulnerability Database (CNVD) was established by CNCERT, together with control systems, ISPs, ICPs, network security vendor, software producers and internet enterprises for sharing information on vulnerabilities.

Incident Handling

This week, CNCERT has handled 829 network security incidents, 321 of which were cross-border ones, by coordinating ISPs, domain registrars, mobile phone application stores, branches of CNCERT and our international partners.

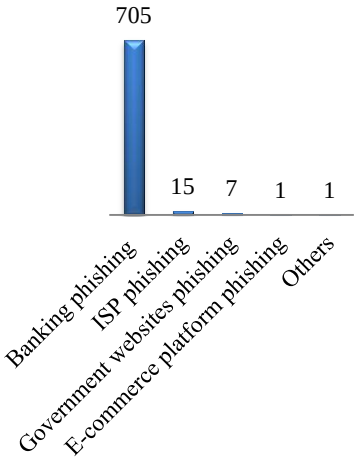
Types of the Incidents Handled by CNCERT (Nov 19-Nov 25)



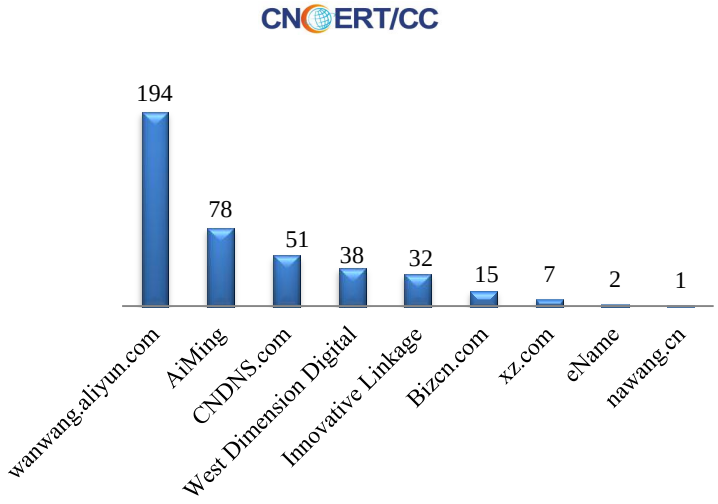


Specifically, CNCERT has coordinated domestic and overseas domain registrars, international CERTs and the other organizations to handle 729 phishing incidents. Based on industries that these phishing targets belong to, there were 705 banking phishing incidents and 15 ISP phishing incidents.

Phishing Incidensts Handled by CNCERT Based on Industries of the Phishing Targets (Nov 19-Nov 25)

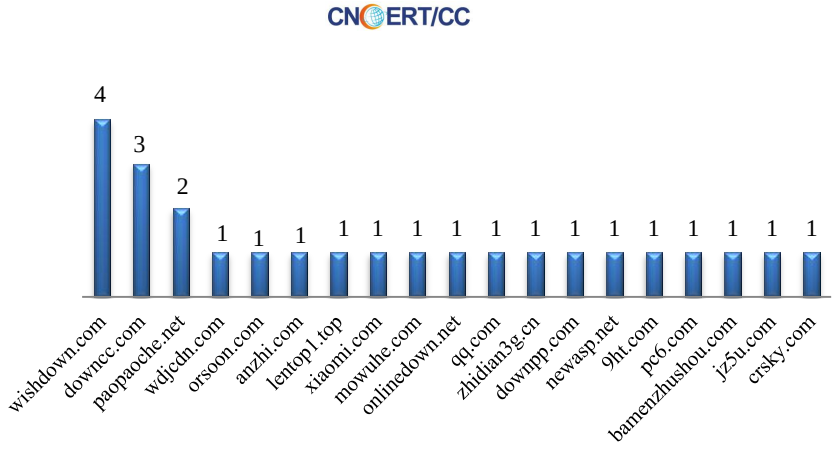


CNCERT Coordinated Domestic to Handle Phishing Incidents (Nov 19-Nov 25)



This week, CNCERT has coordinated 19 mobile phone application store and malware-injected domains to handle 25 malicious URL of the mobile malware.

CNCERT Coordinated Mobile Phone Application Stores to Handle Mobile Malware (Nov 19-Nov 25)



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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