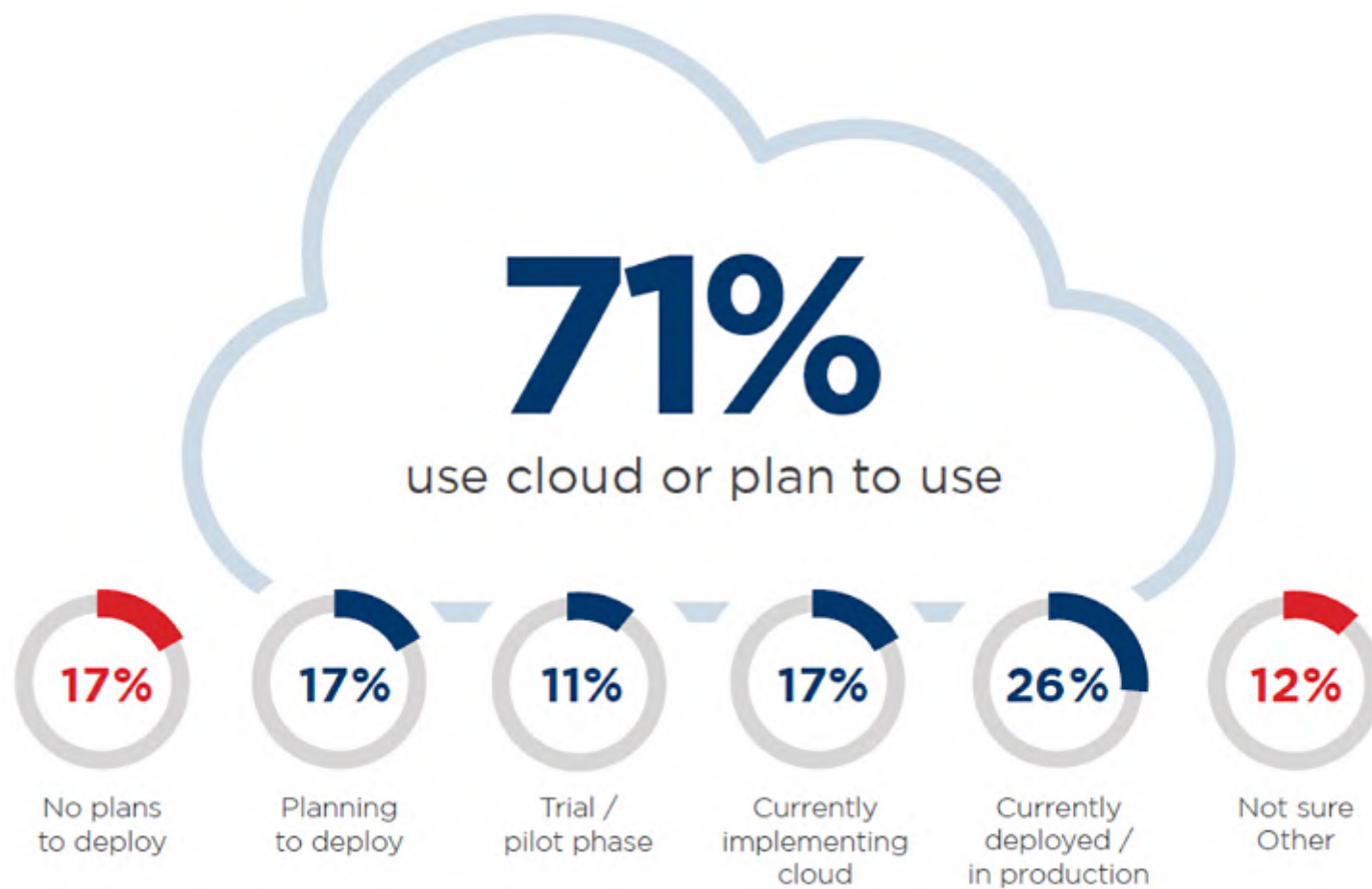


云平台安全架构剖析

主讲人：李纪峰

用户积极拥抱云计算



黑客攻击手段的新特点

基于大数据的攻击方式

攻击手段自动化

攻击形式多样(wifi,iot)

基于网站指纹的全网数据

搜索 视角 海盗榜 API 更多

ZoomEy

discuz 探索一下

搜索结果

找到约 101,414 条结果 (0.337 秒)。

搜索类型

公网设备

Web 服务

Webapp

Discuz! 108364

phpMyAdmin 3897

Discuz!NT 1110

WordPress 950

DedeCMS 744

FCKEditor 602

EmpireCMS 367

CKEditor 179

ECShop 121

phpcms 96

Country

CHINA 53713

UNITED STATES 21230

UNKNOWN 11260

HONG KONG 6812

TAIWAN 3011

JAPAN 2619

THAILAND 561

CANADA 535

GERMANY 426

SOUTH KOREA 318

ASP.NET 2.0.50727 Discuz!

Microsoft IIS httpd 6.0

zzzz1984.world-stone.com

China Shanghai

Windows

222.73.136.57

十月 26, 2016

HTTP/1.1 200 OK

Date: Wed, 26 Oct 2016 02:51:53 GMT

Server: Microsoft-IIS/6.0

X-Powered-By: ASP.NET

X-AspNet-Version: 2.0.50727

Cache-Control: private

Content-Type: text/html

Content-Length: 1800

皇冠新2网址>>>北京布德泽健康科技有限责任公司 - Powered by Discuz!

360webscan 1.0.8.8 Discuz! X3.2

WWW Server 1.1

zzzxmyy.com

WWW SERVER

PHP

HTTP/1.1 200 OK

Content-Type: text/html; charset=gbk

Set-Cookie: cqXZ_2132_saltkey=iwt8cFFv; expires=Fri, 25-Nov-2016 02:47:24 GMT; path=/; httponly

Set-Cookie: cqXZ_2132_lastvisit=1477446444; expires=Fri, 25-Nov-2016 02:47:24 GMT; path=/

Set-Cookie: cqXZ_2132_sid=Quhizk; expires=Thu, 27-Oct-2016 02:47:24 GMT; path=/

Set-Cookie: cqXZ_2132_lastact=1477450044%09forum.php%09; expires=Thu, 27-Oct-2016 02:47:24 GMT; path=/

Set-Cookie: cqXZ_2132_onlineuserum=3; expires=Wed, 26-Oct-2016 02:52:24 GMT; path=/

Set-Cookie: cqXZ_2132_sid=Quhizk; expires=Thu, 27-Oct-2016 02:47:24 GMT; path=/

Server: WWW Server/1.1

X-Powered-By: MAF/2.0

X-Safe-Firewall: zhuj1.360.cn 1.0.8.8 F1W1

Date: Wed, 26 Oct 2016 02:47:24 GMT

Connection: close

自动化工具

3389全自动抓鸡工具- 百度

speed.m.baidu.com/pu=sz@1325_1325/s?st=111001... **3389全自动抓鸡工具** ▾

全自动Http3389抓鸡工具(rar文件.419.95KB,免1积分) 赞助商链接下载信息载入中... 下载说明: 1、推荐使用WinRAR v3.10 以上版本解压本站资源。 2、本站:

全自动3389端口检测.zip百度云资源- 百度网盘搜索- 叫我雷锋网

www.jiaowoleifeng.com/file_detail_s11930235859142696393864199986.html ▾

全自动3389端口检测.zip由百度云用户临时分享，网盘搜索，上叫我雷锋网。

全自动ftp扫描工具_HACK80

www.hack80.com/thread-4732-1-1.html ▾

2013年8月6日 - 9 个帖子 - 9 个作者

print u" 欢迎使用FTP-webshell权限查找器sqlite-0.1——BY: 落雪"sqlite0.1运行close_open.exe会自动注册成服务启动服务名称ftp-Server显示 ...

当前位置 : WooYun >> 漏洞信息

漏洞概要

关注数(279) [关注此漏洞](#)

缺陷编号 : **WooYun-2015-108465**

漏洞标题 : 看我如何用wifi万能钥匙物理撸穿京东漫游内网 

相关厂商 : 京东商城

漏洞作者 : 杀器王子 

提交时间 : 2015-04-16 21:15

公开时间 : 2015-06-05 09:50

漏洞类型 : 重要敏感信息泄露

危害等级 : 高

自评Rank : 20

漏洞状态 : 厂商已经确认

漏洞来源 : <http://www.wooyun.org> , 如有疑问或需要帮助请联系 help@wooyun.org

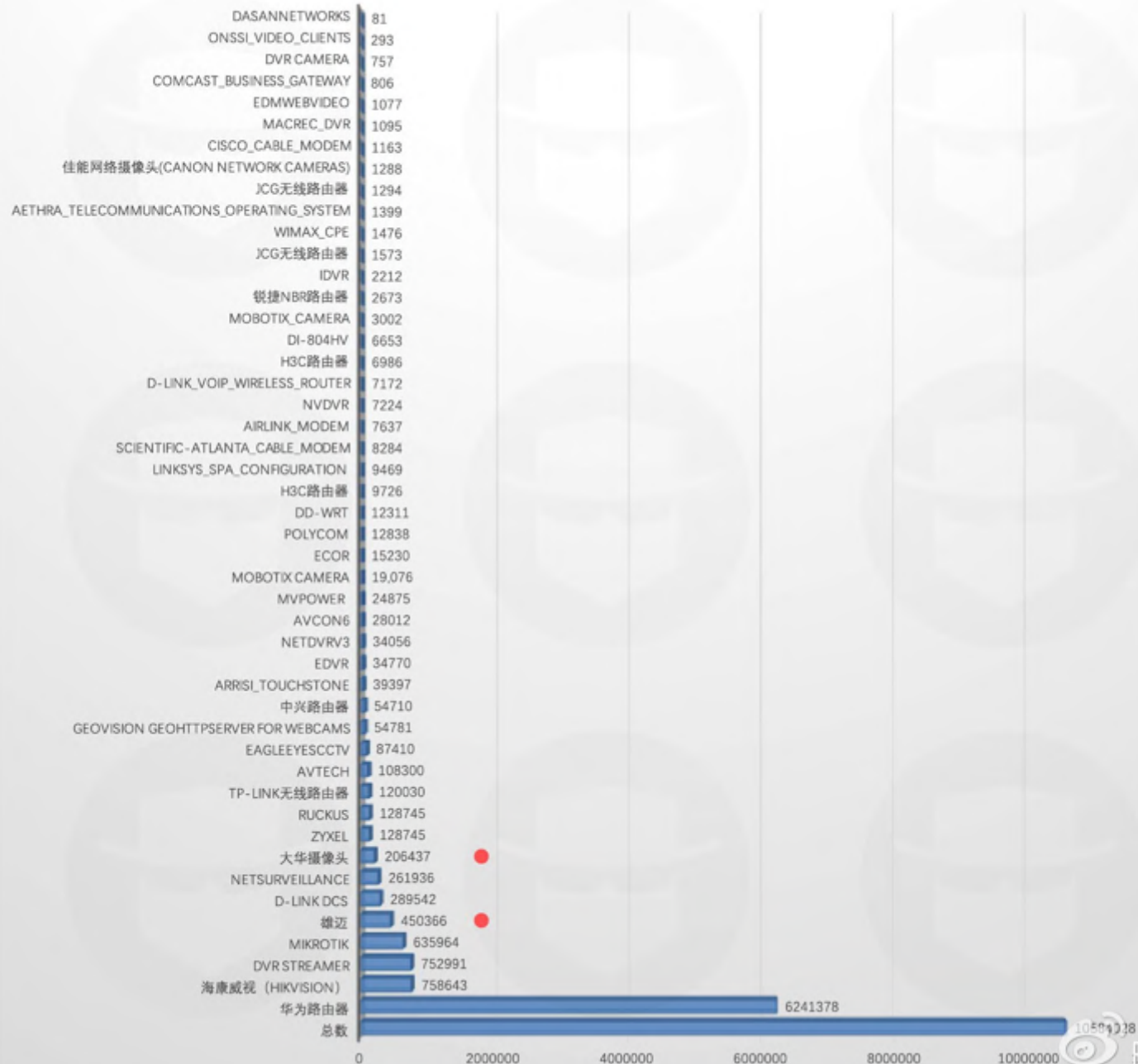
Tags标签 : 无

分享漏洞 :  分享到      0

50人收藏

[收藏](#)

摄像头和路由器设备数量



云计算的责任共担模型

客户

云上系统的安全管理责任
利用云安全生态提供的安全产品构建安全防护体系

数据

应用

系统

网络（虚拟网络）

阿里云

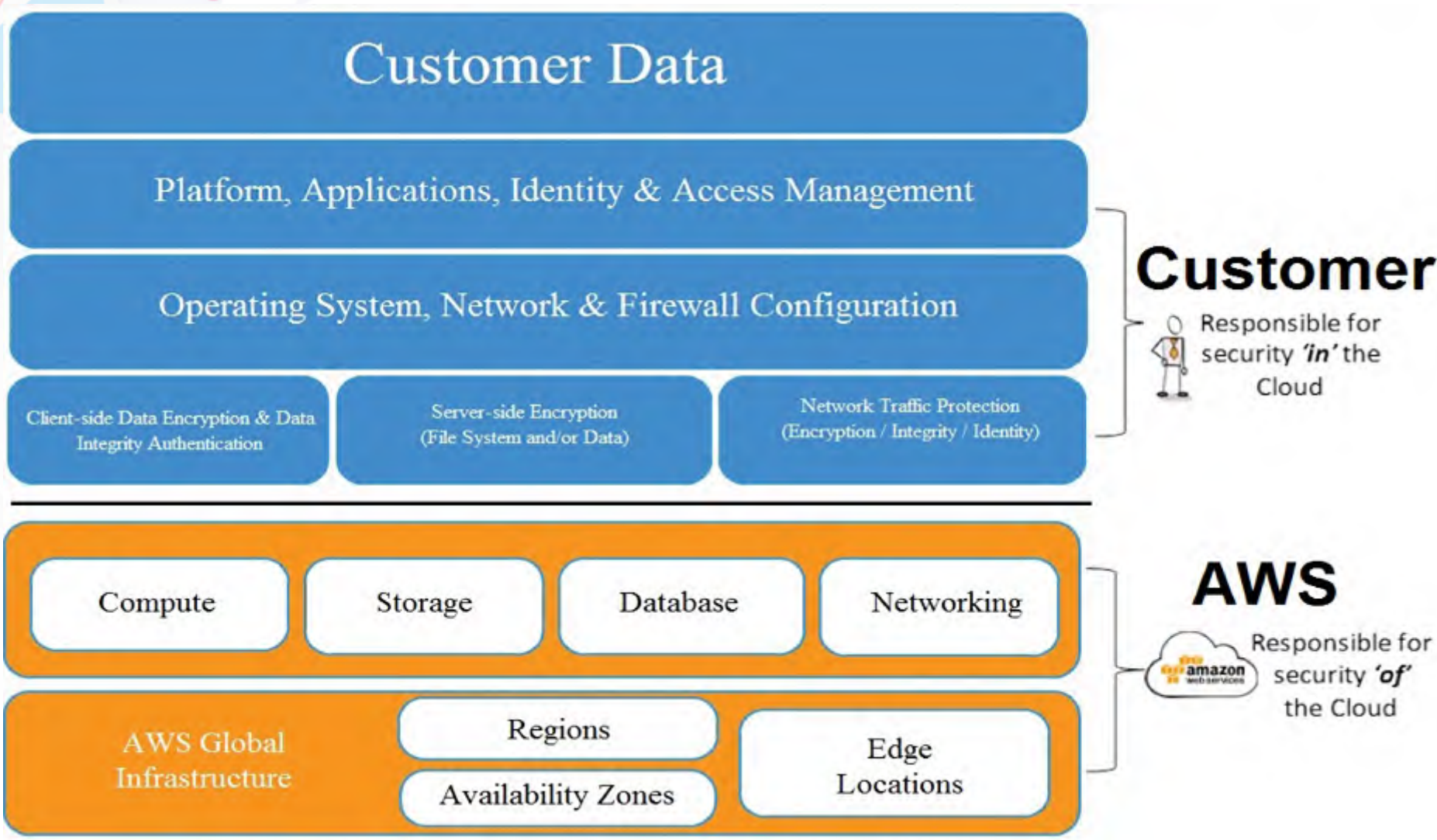
保障云平台安全
为客户提供保护云基础设施的安全

资源抽象和控制：ECS RDS OSS 大数据 ...
飞天分布式云操作系统

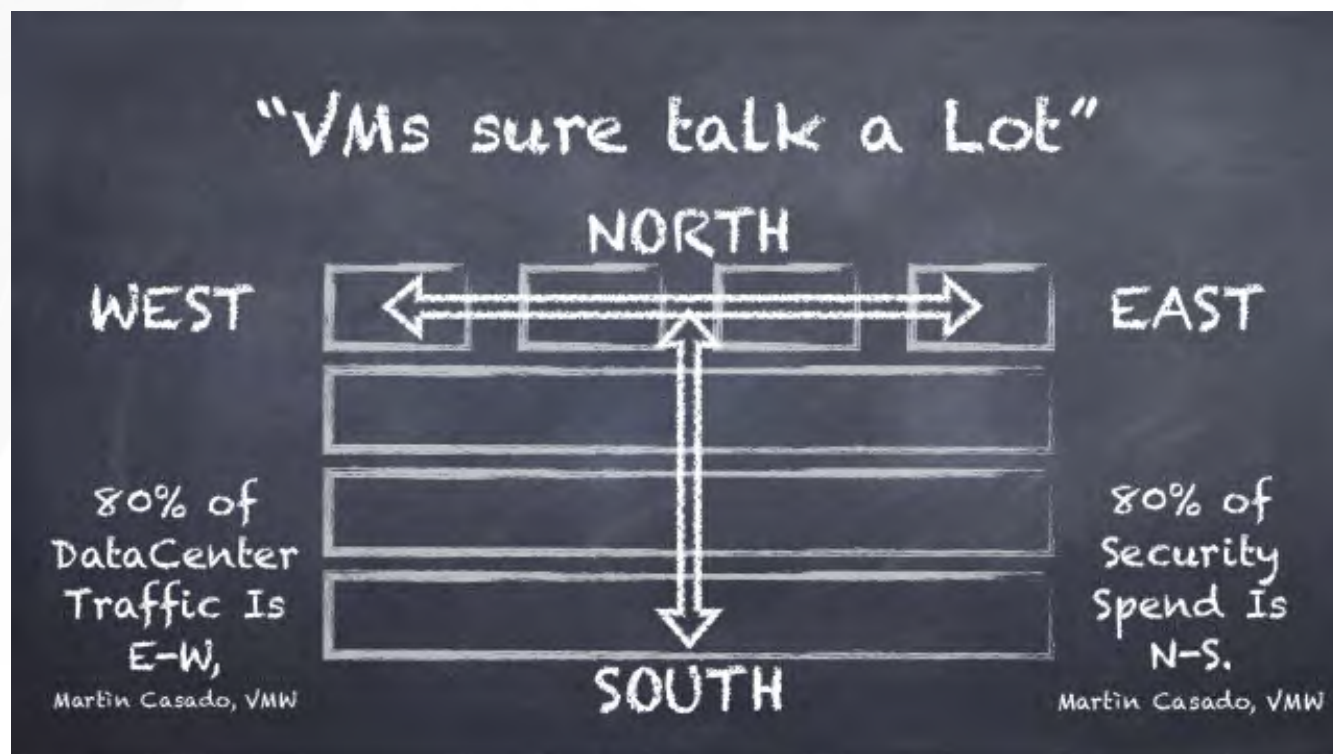
物理设备：计算 存储 网络

基础设施：地域Region 可用区Az 阿里骨干传输网

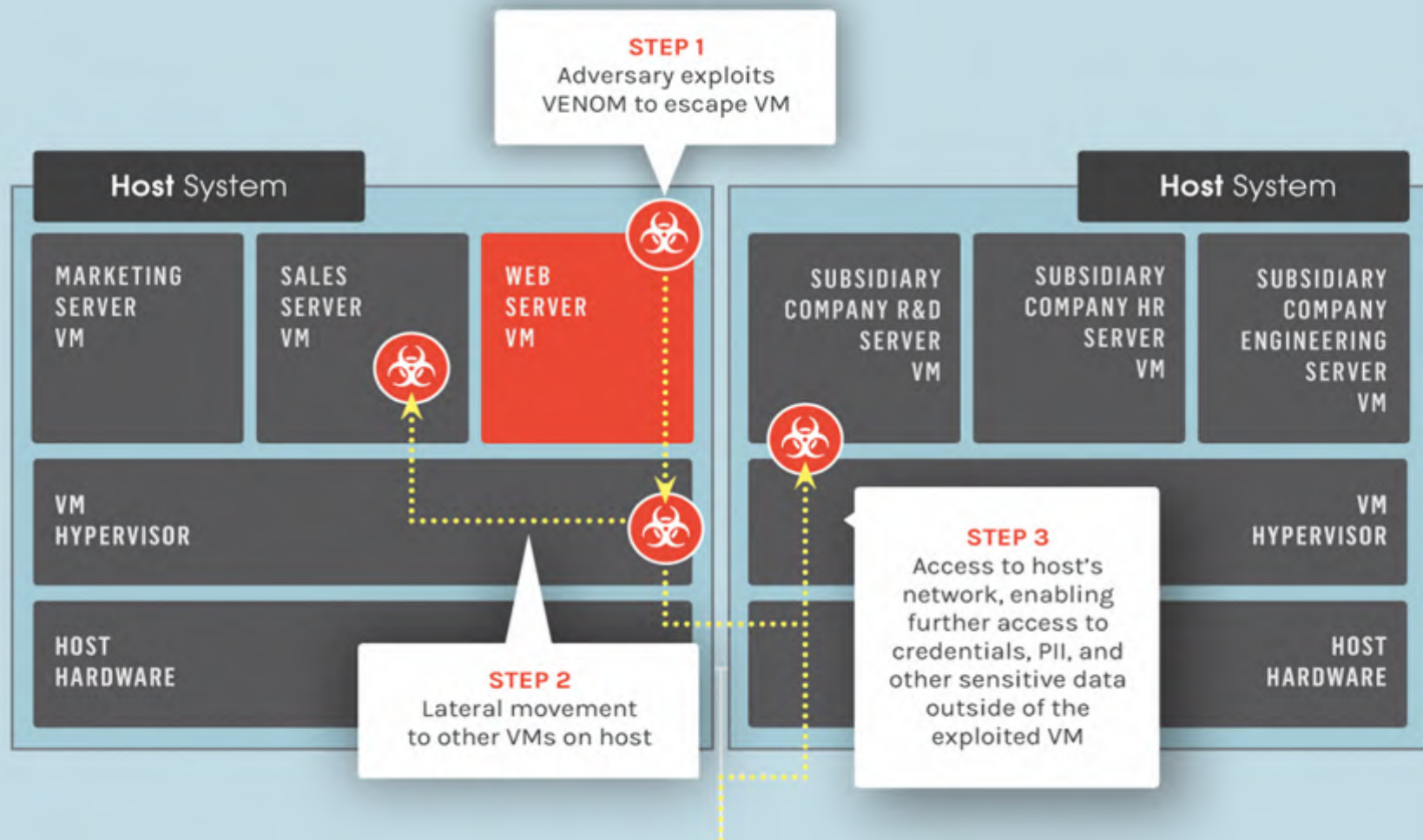
AWS责任共担模型



东西向流量不可见



虚拟机逃逸



SDN权限控制不当,攻击者可以获取ROOT权限

Cisco Security Advisory

Cisco Application Policy Infrastructure Controller Access Control Vulnerability



Advisory ID: cisco-sa-20150722-apic
Published: 2015 July 22 16:00 GMT
Version 1.0: Final
CVSS Score: [Base - 8.5](#)
Workarounds: [See below](#)
Cisco Bug IDs: [CSCuu72094](#)
[CSCuw11991](#)

CVE-2015-4235
CWE-264

[Download CVE](#)

[Download PDF](#)

[Email](#)

Cisco Security Vulnerability Policy

To learn about Cisco security vulnerability disclosure policies and publications, see the [Security Vulnerability Policy](#). This document also contains instructions for obtaining fixed software and receiving security vulnerability information from Cisco.

Related Resources

[Cisco Application Policy Infrastructure Controller Access Control Vulnerability](#)

Subscribe to Cisco Security Notifications

[Subscribe](#)

Summary

A vulnerability in the cluster management configuration of the Cisco Application Policy Infrastructure Controller (APIC) and the Cisco Nexus 9000 Series ACI Mode-Switch could allow an authenticated, remote attacker to access the APIC as the root user.

The vulnerability is due to improper implementation of access controls in the APIC filesystem. An attacker could exploit this vulnerability by accessing the cluster management configuration of the APIC. An exploit could allow the attacker to gain access to the APIC as the root user and perform root-level commands.

Cisco has released software updates that address this vulnerability. This advisory is available at the following link: <http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20150722-apic>

Affected Products

Vulnerable Products

The following products are known to be affected by this vulnerability:

- Application Policy Infrastructure Controllers running software versions prior to 1.1(1j), 1.0(3o) and 1.0(4o).
- Cisco Nexus 9000 Series ACI Mode-Switches running software versions prior to Release 11.1(1j) and 11.0(4o).

Products Confirmed Not Vulnerable

No other Cisco products are currently known to be affected by this vulnerability.

Details

The Cisco Application Policy Infrastructure Controller (Cisco APIC) is the unifying point of automation and management for the Application Centric Infrastructure (ACI) fabric. The Cisco APIC provides centralized access to all fabric information, optimizes the application lifecycle for scale and performance, and supports flexible application provisioning across physical and virtual resources.

A vulnerability in the cluster management configuration of the Cisco Application Policy Infrastructure Controller (APIC) and the Cisco Nexus 9000 Switch ACI Mode-Switch could allow an authenticated, remote attacker to gain access to the APIC as the root user.

The vulnerability is due to improper implementation of access controls in the APIC filesystem. An attacker could exploit this vulnerability by accessing the cluster management configuration of the APIC. An exploit could allow the attacker to gain access to the APIC as the root user and perform root-level commands.

第三方组件给云平台带来的风险

漏洞概要

缺陷编号: **WooYun-2016-216049**

漏洞标题: 亚马逊云环境存在远程命令执行

相关厂商: **亚马逊AWS**

漏洞作者: **路人甲**

提交时间: 2016-06-04 13:57

修复时间: 2016-07-12 16:23

公开时间: 2016-07-12 16:23

漏洞类型: 命令执行

危害等级: 中

自评Rank: 10

漏洞状态: 厂商已经修复

漏洞来源: <http://www.wooyun.org>, 如有疑问或需要帮助请联系 help@wooyun.org

Tags标签: **远程命令执行**

分享漏洞:  分享到      0

第三方组件给云平台带来的风险

浮动IP

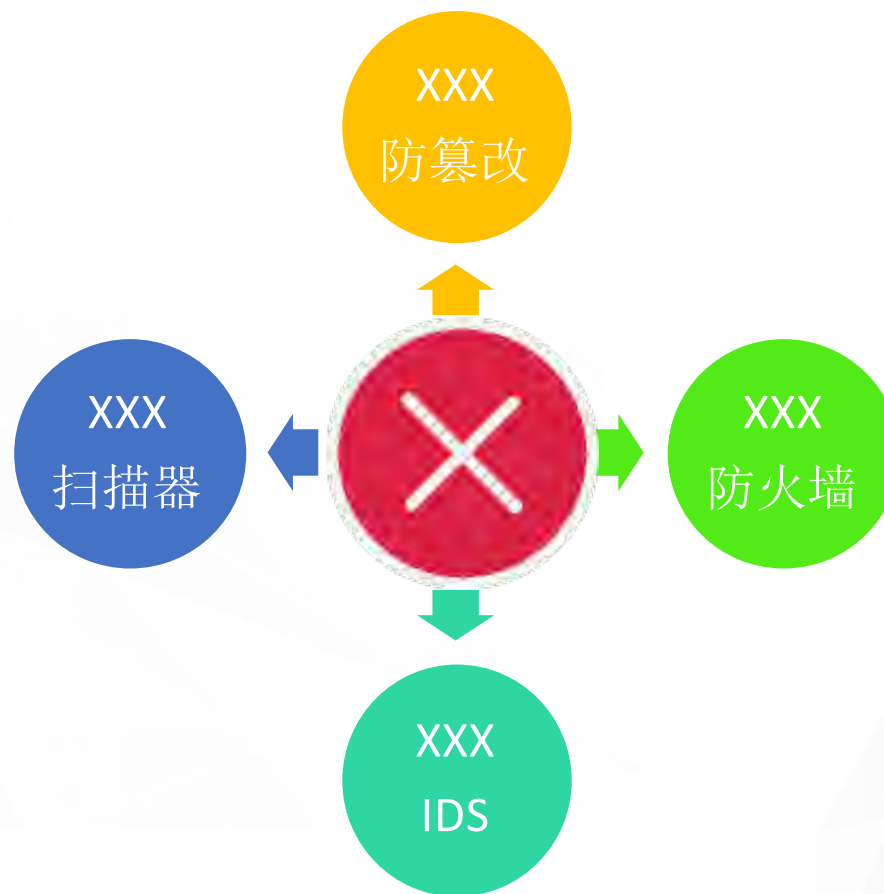
镜像

快照

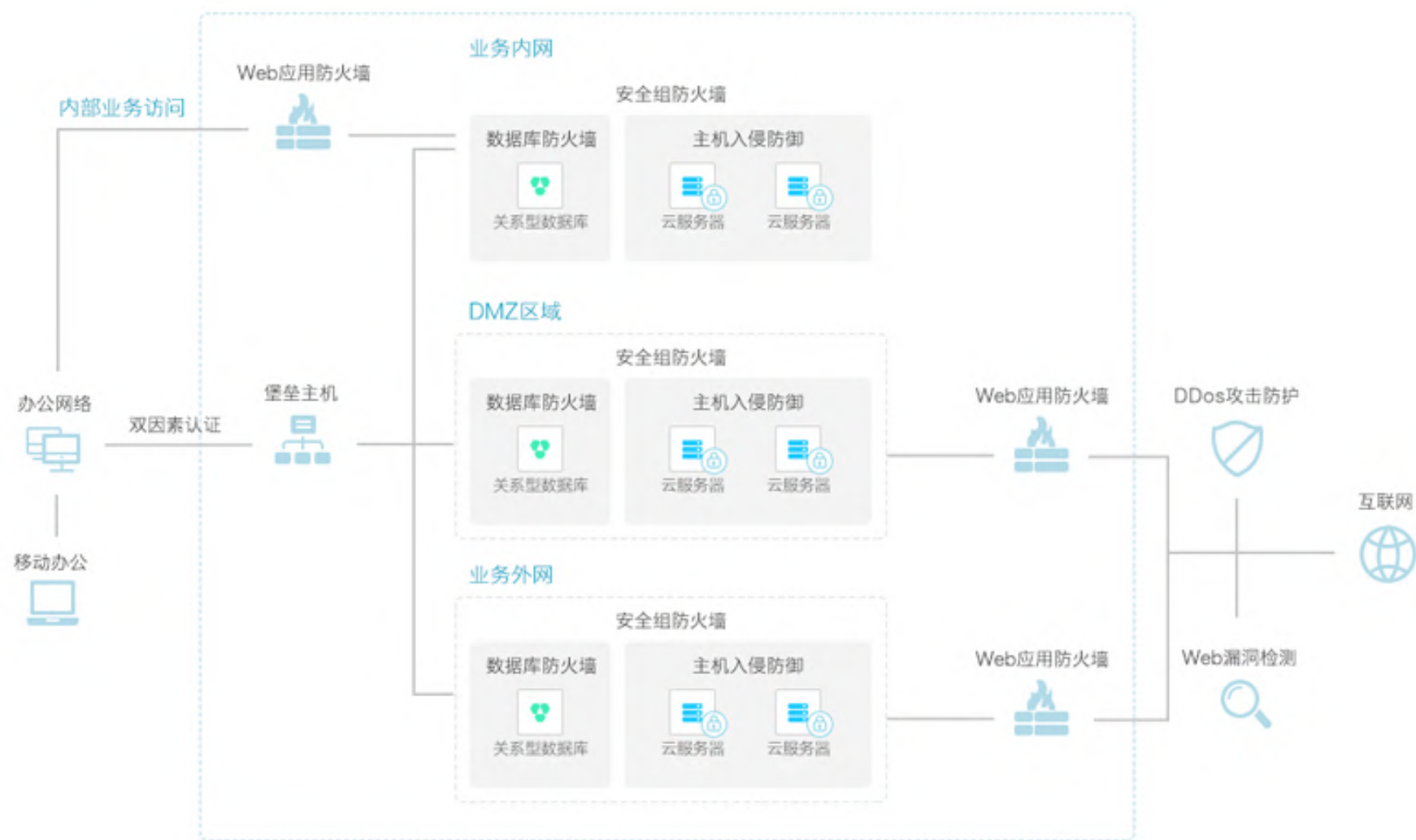
OPENSTACK 六年间共披露了 130 个漏洞,过去一年就有 21 个漏洞,其中高危 3 个

大项	分类	漏洞数量
组件安全	Nova	26
	Neutron	9
	Keystone	22
	Glance	16
	Swift	10
	Horizon	9
	Cinder	4
基础架构安全	Restful API	13
	TLS	2
	DoS	10
传统安全	XSS	8

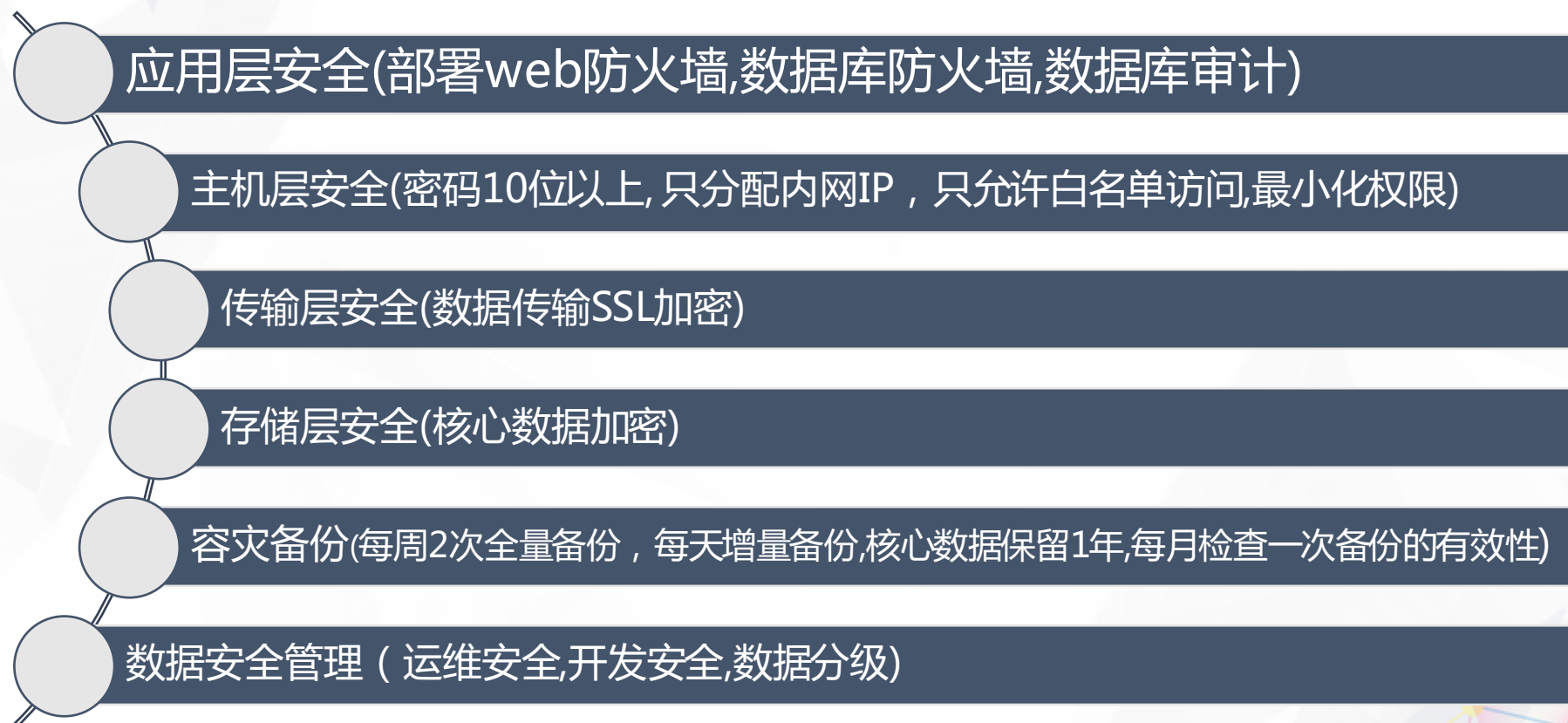
传统厂商互相封闭



云安全网络架构



构建立体数据安全的防御体系

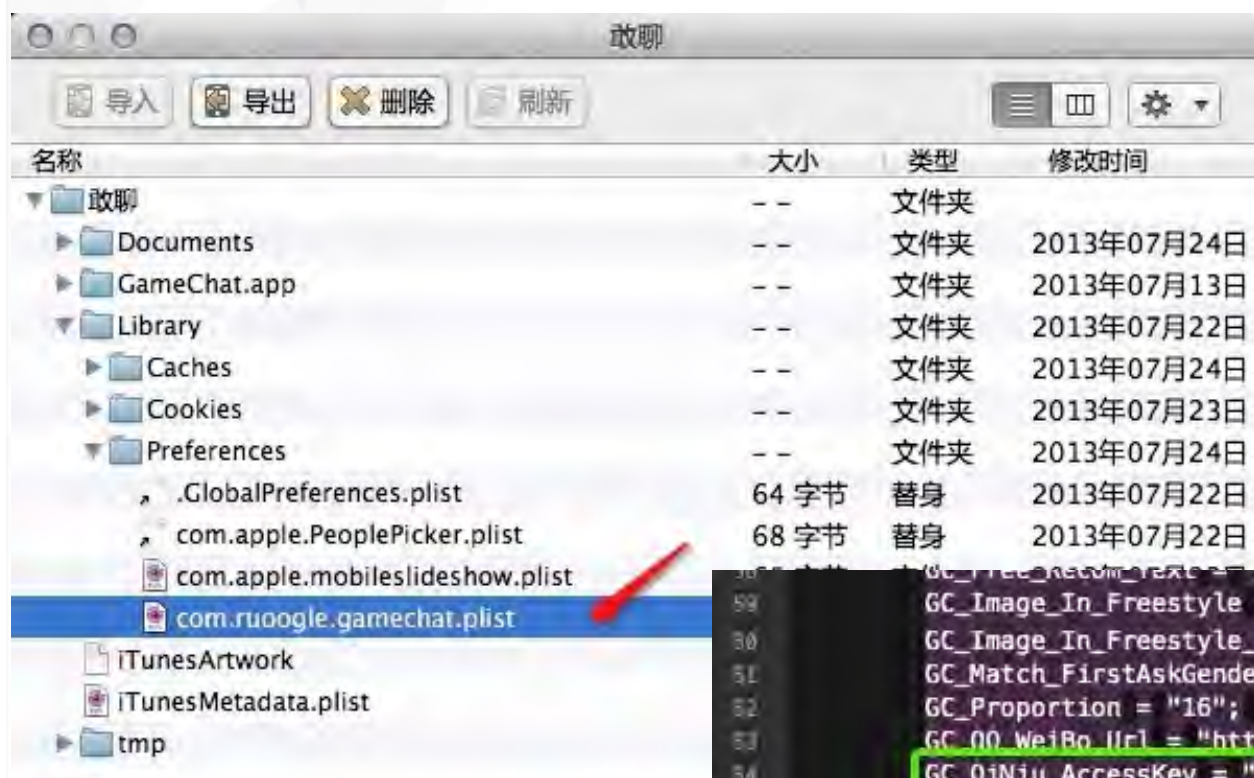


RUBYCHINA主站及RUBYTAOBAO数据库和配置文件泄漏

```
24 ActiveRecord::Migration.verbose = false
25 ActiveRecord::Base.raise_in_transactional_callbacks = true
26
27 # 测试的时候需要修改这个地方
28 ALIYUN_ACCESS_ID = "osOX[REDACTED]s3"
29 ALIYUN_ACCESS_KEY = 'm2L[REDACTED]'
30 ALIYUN_BUCKET = "bi[REDACTED]-dev"
31
32 CarrierWave.configure do |config|
```



“敢聊” 用户照片及语音泄漏等隐私泄露



```
GC_Image_In_Freestyle = "15";
GC_Image_In_Freestyle_Err = "再努力一下哦，3盏灯泡全亮就能在聊天消息中发图片啦";
GC_Match_FirstAskGender = "0";
GC_Proportion = "16";
GC_QQ_WeiBo_Hlrl = "http://t.qq.com/ruoonleshanohai";
GC_QiNiu_AccessKey = "2";
GC_QiNiu_Bucket = "nova";
GC_QiNiu_Secret = " ";
GC_RankList_OpenHost = "0";
GC_Rank_Charming_Text = "今天一共被赞过";
GC_Recom_App = "[ { \n    \"title\": \"\
```

数据分级



构建应用 安全纵深防御体系

开发人员安全培训(安全意识, 安全编码规范)

持续性风险检测(web漏洞扫描, webshell扫描, 篡改检测)

漏洞管理(上线前安全测试, 加入补天SRC, 0day管理)

部署Web应用防火墙

建立DDOS防御机制

应用安全审计



OWASP 安全编码规范 快速参考指南

构建主机安全立体防御体系

最小化系统(单一角色原则，精简原则)

恶意代码防范(病毒、木马查杀)

漏洞补丁管理

主机入侵检测

主机加固(账号服务加固,系统服务加固,内核参数加固)

账号安全(防止暴力破解，异地登陆提醒)



360云安全管理平台

纵深防御、一站式解决方案

SACC 2016 第八届中国系统架构师大会

SequeMedia
盛拓传媒

IT168.com
专注IT 16年

ChinaUnix

ITPUB
www.itpub.net

Security is a process



THE ART OF SECURITY



It's a process, not a reaction

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ITPUB
www.itpub.net

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IT168.com
专注 移动 10 年

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www.itpub.net