

企业安全建设分享

--综合基准安全检测

程 冲
金山集团

北京 珠海 成都 大连 深圳 日本 马来西亚

目录

- 背景介绍
- 需求分析
- 系统设计
- 效果演示
- 下步计划

➤ 背景介绍

- 网络安全风险
- 基础建设条件
- 物力人力资源

➤ 需求分析

- 开放端口监控
- 对外服务建档
- 基础安全检查
- 自动化流程化

➤ 系统设计

- 架构设计
- 通信流程
- 功能模块
- 其它思考

➤ 系统设计

➤ 架构设计



目录

➤ 系统设计

➤ 通信流程

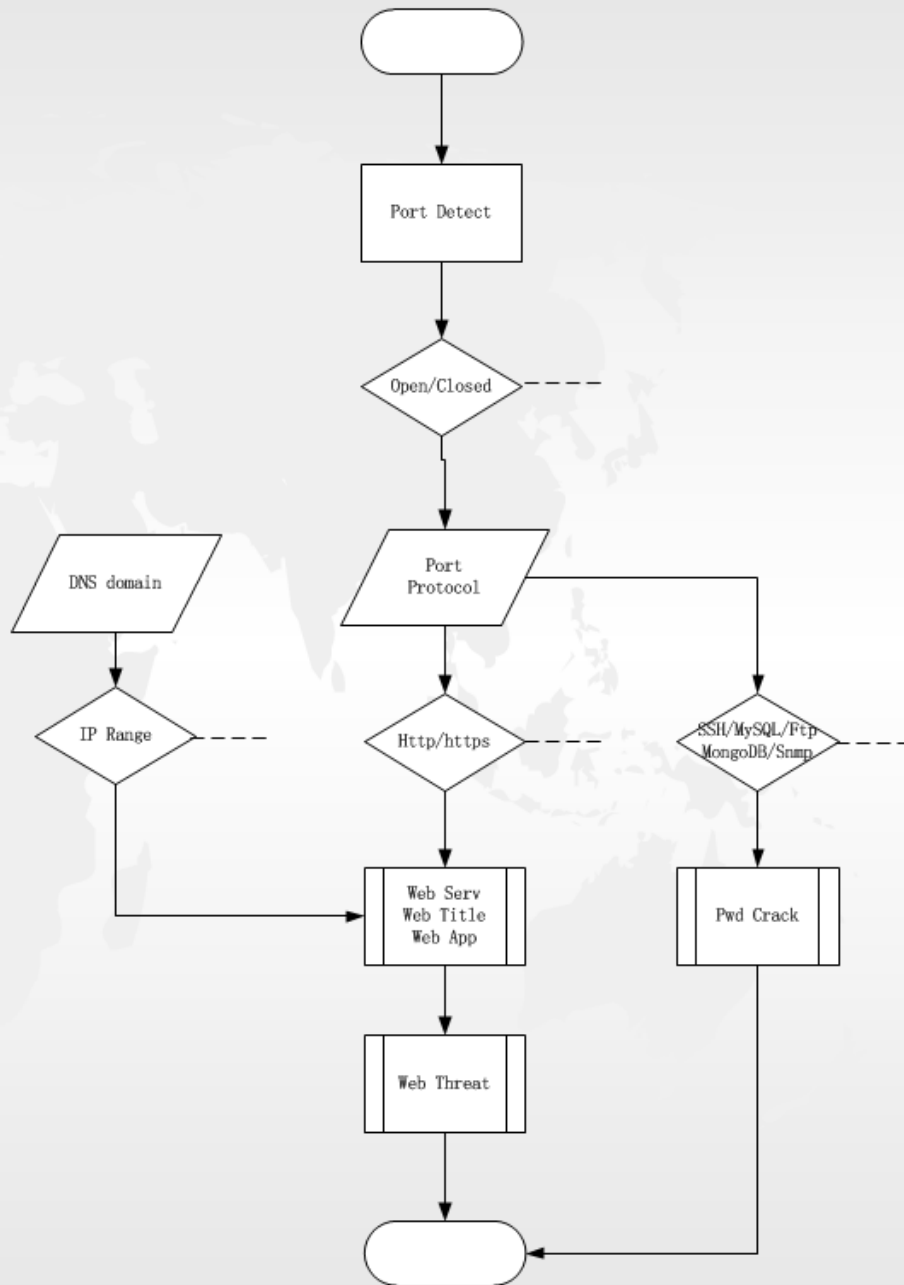


目录

➤ 系统设计

■ 功能模块

- 对外开放端口扫描
- 应用服务版本搜集
- 网站威胁后台检测
- 常规应用密码猜解
- 业务端口服务建档



➤ 系统设计

■ 其它思考

- 参数高度可配置
- Juniper对象概念
- 功能单一插件化
- 不同场景任务设计

➤ 效果演示

- 安全扫描系统节点
- 业务端口服务建档
- 网站威胁后台检测
- 常规应用密码猜解
- 任务集中管理界面

效果演示

安全扫描系统节点

Welcome: admin [logout](#)

KingSoft Security Scan System Dashboard

Home Port-Ex	Request Port-Port	Status Port-White	SSH-Crack Web-Title	Nm-Crack Title-Title	Webthreat Title-White	Console Web-Srv	Ksmanager Srv-Srv	Srv-White
<div>Search</div>								

id	agent_id	mac_addr	sysname	sys_os	ip_addr	sysime	atime	ctime	
11	intranet-ic	so	fa163e68b624	D-3-165.ksc.com	Linux-2.6.32-220.el6.x86_64-x86_64-with-centos-6.2-Final 2.7.5	([] 3.165[])	2013-08-29 20:38:28	2013-12-06 11:59:55	2013-08-29 20:38:05
10	internet-ic		bad831617e48	249.kvh.kingsoft.jp	Linux-2.6.18-348.6.1.el5xen-x86_64-with-redhat-5.9-Final 2.7.5	([] 68.1.249[])	2013-07-25 22:43:47	2013-12-06 11:59:01	2013-07-25 21:43:47
9	intranet-s		000c2978a84a	van-monitor	Linux-2.6.32-358.el6.x86_64-x86_64-with-centos-6.4-Final 2.7.5	([] 68.10.179[])	2013-07-26 04:01:58	2013-08-09 15:00:52	2013-07-25 20:02:03
8	intranet-ic	db	525400f971a7		Linux-2.6.32-358.el6.x86_64-x86_64-with-centos-6.4-Final 2.7.5	([] 144.232.14', '192.168.0.14[])	2013-07-24 20:48:30	2013-10-14 10:46:08	2013-07-24 20:48:33
7	intranet-ic	s	00237da7290a	alhost.localdomain	Linux-2.6.32-358.el6.x86_64-x86_64-with-centos-6.4-Final 2.7.5	([] 1.0.94[])	2013-07-24 12:09:07	2013-09-06 18:16:02	2013-07-24 12:09:07
6	intranet-b	s	005056af2046	alhost.localdomain	Linux-2.6.32-220.el6.x86_64-x86_64-with-centos-6.2-Final 2.6.6	([] 68.222.14[])	2013-07-23 14:31:58	2013-08-15 15:20:09	2013-07-23 14:32:46
5	internet-v	j	001e908376dc	alhost	Linux-2.6.18-238.el5-x86_64-with-redhat-5.6-Final 2.7.5	([] 81.85.254[])	2013-07-22 17:46:27	2013-12-06 11:59:22	2013-07-22 17:46:27
4	intranet-g		000c29b1dc4c	nvastest	Linux-2.6.32-279.el6.x86_64-x86_64-with-centos-6.3-Final 2.7.5	([] 8.65.214[])	2013-07-21 12:18:01	2013-08-23 06:03:00	2013-07-21 12:18:45
3	intranet-ic	so	0022195f5676	alhost.localdomain	Linux-2.6.32-220.el6.x86_64-x86_64-with-centos-6.4-Final 2.6.6	([] 12.66.150[])	2013-07-21 00:13:53	2013-12-06 12:00:03	2013-07-21 00:18:47
2	intranet-ic	db	001e909ff7f78	o-134	Linux-2.6.18-308.el5-x86_64-with-redhat-5.8-Final 2.7.5	([] 1.211.134', '10.19.1.134[])	2013-07-21 00:18:05	2013-12-06 12:00:35	2013-07-21 00:18:05
1	intranet-ic	sj	001a5021e47f		Linux-2.6.32-220.el6.x86_64-x86_64-with-centos-6.2-Final 2.7.5	([] 139.93.50[])	2013-07-21 00:17:37	2013-12-06 11:58:03	2013-07-21 00:17:37

Now: 1 Total: 1

目录

➤ 效果演示

Welcome: admin [logout](#) ➤ **业务端口服务建档**

KingSoft Security Scan System Dashboard

Home Port-Ex	Request Port-Port	Status Port-White	SSH-Crack Web-Title	Nm-Crack Title-Title	Webthreat Title-White	Console Web-Srv	Ksmanager Srv-Srv	Srv-White
agent_id: intranet-idx	bu_name: b_kso_idc	port_white: Port > White	ctime: 2013-12-05 12:02:58	Search				

id	agent_id	bu_name	host	port	name	product	version	extrainfo	sysinfo	ctime	desc	admin	Action
6098	internet-vps-bj	b_kis_id	146.35	80	http	nginx	1.0.11	n/a	2013-12-05 13:10:11	2013-12-05 13:10:12	info	周	
6099	internet-vps-bj	b_kis_id	146.104	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
6880	internet-vps-bj	b_kis_id	146.105	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
6710	internet-vps-bj	b_kis_id	53.37	80	http	Apache httpd	2.2.9	(Unix) DAV/2	2013-12-05 13:15:36	2013-12-05 13:15:37	样本交换	周	
6879	internet-vps-bj	b_kis_id	146.103	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
6874	internet-vps-bj	b_kis_id	146.107	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
6897	internet-vps-bj	b_kis_id	146.155	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
6909	internet-vps-bj	b_kis_id	146.243	80	http	n/a	n/a	n/a	2013-12-05 13:17:18	2013-12-05 13:17:18	info	周	
7067	internet-vps-bj	b_xs_id	93.25	21	ftp	Serv-U ftpd	6.3	n/a	2013-12-05 14:55:29	2013-12-05 14:55:30	麻江仁...需对外开放	周	
6290	internet-vps-bj	b_kis_id	68.103	8080	http	Apache Tomcat/Coyote JSP engine	1.1	n/a	2013-12-05 12:55:19	2013-12-05 12:55:20	卫士开源社区	周	
6289	internet-vps-bj	b_kis_id	68.103	80	http	nginx	1.0.5	n/a	2013-12-05 12:55:19	2013-12-05 12:55:20	卫士开源社区	周	
6419	internet-vps-bj	b_kis_id	93.53	8080	http	Apache Tomcat/Coyote JSP engine	1.1	n/a	2013-12-05 12:59:15	2013-12-05 12:59:15	手机病毒	周	
6418	internet-vps-bj	b_kis_id	93.53	80	http	n/a	n/a	n/a	2013-12-05 12:59:15	2013-12-05 12:59:15	手机病毒	周	
6496	internet-vps-bj	b_kis_id	93.139	8080	http-proxy	n/a	n/a	n/a	2013-12-05 12:59:15	2013-12-05 12:59:15	...	姚	
6181	internet-vps-bj	b_kis_id	67.82	80	http	nginx	1.3.7	n/a	2013-12-05 12:49:23	2013-12-05 12:49:23	游戏中心	袁	
6179	internet-vps-bj	b_kis_id	67.75	80	http	nginx	1.3.7	n/a	2013-12-05 12:49:23	2013-12-05 12:49:23	游戏中心	袁	
6913	internet-vps-bj	b_ksp_id	176.248	25	smtp	Microsoft Exchange smtpd	n/a	n/a	2013-12-05 13:30:04	2013-12-05 13:30:05	邮件服务器	孔	
6926	internet-vps-bj	b_ksp_id	176.248	443	http	Microsoft IIS httpd	7.0	n/a	2013-12-05 13:53:37	2013-12-05 13:53:38	北京邮箱服务OutLookWeb	孔	
6925	internet-vps-bj	b_ksp_id	176.248	80	http	Microsoft IIS httpd	7.0	n/a	2013-12-05 13:53:37	2013-12-05 13:53:37	北京邮箱服务OutLookWeb	孔	
6929	internet-vps-bj	b_ksp_id	176.240	8080	http	IronPort AsyncOS http config	n/a	glass 1.0; Python 2.6.4	2013-12-05 13:53:37	2013-12-05 13:53:38	用于同事自行查看邮件隔离区	孔	

效果演示

Welcome: admin [logout](#) 网站威胁后台检测

KingSoft Security Scan System Dashboard

Home Port-Ex	Request Port-Port	Status Port-White	SSH-Crack Web-Title	Nm-Crack Title-Title	Webthreat Title-White	Console Web-Srv	Ksmanager Srv-Srv	Srv-White
-----------------	----------------------	----------------------	------------------------	-------------------------	--------------------------	--------------------	----------------------	-----------

agent_id: intranet-idx bu_name: b_kso_idx ctime: 2013-12-05 12:07:52 Search

url: eurl: title: bytes: rnum: code:

id	agent_id	bu_name	url	eurl	title	bytes	rnum	code	systime	ctime
811	ternet-vps-	b_kis_idx	http://.93.53:80/test/	http://.93.53:80/test/	n/a	1498	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
812	ternet-vps-	b_kis_idx	http://.93.53:80/test	http://.93.53:80/test/	n/a	1498	1	200	2013-12-05 22:32:27	2013-12-05 22:32:27
813	ternet-vps-	b_kis_idx	http://.93.29:80/test.php	http://.93.29:80/test.php	n/a	131	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
814	ternet-vps-	b_kis_idx	http://.93.60:80/admin/login	http://.93.60:80/admin/login/	n/a	66	1	200	2013-12-05 22:32:27	2013-12-05 22:32:27
815	ternet-vps-	b_kis_idx	http://.93.111:80/test.php	http://.93.111:80/test.php	n/a	26	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
816	ternet-vps-	b_kis_idx	http://.93.113:80/info.php	http://.93.113:80/info.php	n/a	0	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
817	ternet-vps-	b_kis_idx	http://.93.152:80/install/	http://.93.152:80/install/	phpoms	262	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
818	ternet-vps-	b_kis_idx	http://.93.152:80/install	http://.93.152:80/install/	phpoms	262	1	200	2013-12-05 22:32:27	2013-12-05 22:32:27
819	ternet-vps-	b_kis_idx	http://.93.226:80/test	http://.93.226:80/test	n/a	0	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
820	ternet-vps-	b_kis_idx	http://.93.227:80/test	http://.93.227:80/test	n/a	0	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
821	ternet-vps-	b_kis_idx	http://.93.248:80/test.php	http://.93.248:80/test.php	n/a	132	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27
822	ternet-vps-	b_kis_idx	http://.93.218:80/pma/	http://.93.218:80/pma/	n/a	5095	0	200	2013-12-05 22:32:27	2013-12-05 22:32:27

➤ 效果演示

➤ 常规应用密码猜解

Welcome: [admin logout](#)

KingSoft Security Scan System Dashboard

HomeRequestStatusWebthreatSSH-CrackNm-CrackConsoleKsmanager

Port-ExPort-PortPort-WhiteWeb-TitleTitle-TitleTitle-White

bu_name: ctime:
agent_id: host_port: user_pwd:

id	agent_id	bu_name	host_port	user_pwd	systime	ctime
185	intranet	lan_b_kis_	4:22	root6	2013-07-02 22:10:06	2013-07-02 22:05:45
186	intranet	lan_b_kis_	06:22	root6	2013-07-02 22:10:06	2013-07-02 22:05:45
187	intranet	lan_b_kis_	02:22	root6	2013-07-02 22:10:06	2013-07-02 22:05:45
188	intranet	lan_b_kis_	9:22	root6	2013-07-02 22:10:06	2013-07-02 22:05:45
189	intranet	lan_b_kis_	05:22	root6	2013-07-02 22:10:06	2013-07-02 22:05:45
183	intranet	lan_b_kis_	7:22	root6	2013-07-02 21:21:19	2013-07-02 21:17:07
184	intranet	lan_b_kis_	8:22	root6	2013-07-02 21:21:19	2013-07-02 21:17:07
177	intranet	lan_b_ksp_	36.84:22	rootoft	2013-06-29 20:35:13	2013-06-29 20:35:13
178	intranet	lan_b_ksp_	36.101:22	root6	2013-06-29 20:35:13	2013-06-29 20:35:13
179	intranet	lan_b_ksp_	36.76:22	root6	2013-06-29 20:35:13	2013-06-29 20:35:13
180	intranet	lan_b_ksp_	36.91:22	root6	2013-06-29 20:35:13	2013-06-29 20:35:13
181	intranet	lan_b_ksp_	36.109:22	rootoft	2013-06-29 20:35:13	2013-06-29 20:35:13
182	intranet	lan_b_ksp_	36.92:22	king:3456	2013-06-29 20:35:13	2013-06-29 20:35:13
167	intranet	lan_b_ksp_	35.110:22	root6	2013-06-29 19:57:08	2013-06-29 19:57:08

目录

效果演示

任务集中管理界面

Welcome: admin [logout](#)

KingSoft Security Scan System Manager

Home	CIDR	IDC	BU	Module	Port_Rule	Threat_Rule	NmCrack_Rule	BU_Admin	Task	Task_Pool	Ksdashboard						
White_Port	Black_Port	White_Title	Black_Title	Black_Threat	White_Srv	Black_Nmap	SSH_User	SSH_Pwd	FTP_User	FTP_Pwd	Mysql_User	Mysql_Pwd					
agent_id: <input type="text" value="intranet-idc-1"/> bu_name: <input type="text" value="b_kso_idc_1"/> ctime: <input type="text" value="2013-12-05 16:03:58"/> <input type="button" value="Search"/> task_status: <input type="text" value="Todo"/> cidr: <input type="text" value=""/>																	
task_module: <input type="text" value=""/>		task_time: <input type="text" value="2013-12-05 16:03:58"/>		port_ex_time: <input type="text" value="2013-12-05 16:03:58"/>		utime: <input type="text" value="2013-12-05 16:03:58"/>		cycle_status: <input type="text" value="No"/> cycle_period: <input type="text" value=""/>									
id	agent_id	bu_name	cidr	task_module	task_code	task_extra	task_time	port_ex_time	task_thread	black_status	task_status	cycle_period	cycle_status	task_desc	utime	ctime	Action
947	st-	b_ksc_idc_1	61.0/24	kschk_port_ex	1	{'scan_port': 5L, 'scan_type': 1L}	2013-12-07 11:33:49	2013-12-06 11:33:49	30	Yes	Todo	24h	Yes		2013-12-06 11:33:49	2013-09-02 15:50:29	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
941	st-	b_ksc_idc_1	61.0/24	kschk_web_title	2	{'scan_port': 1L, 'scan_type': 1L}	2013-12-07 09:09:54	2013-12-06 09:09:54	10	Yes	Todo	24h	Yes		2013-12-06 09:09:54	2013-09-02 15:39:43	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
940	st-	b_ksc_idc_1	61.0/24	kschk_web_threat	3	{'scan_port': 1L, 'scan_type': 1L}	2013-12-06 19:21:19	2013-12-05 19:21:19	20	Yes	Todo	24h	Yes		2013-12-05 19:21:19	2013-09-02 15:39:33	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
938	st-	b_xsj_idc_1	5.0/26	kschk_web_threat	3	{'scan_port': 1L, 'scan_type': 1L}	2013-12-07 09:15:40	2013-12-06 09:15:40	20	Yes	Todo	24h	Yes		2013-12-06 09:15:40	2013-08-09 10:32:06	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
937	st-	b_xsj_idc_1	5.0/26	kschk_web_title	2	{'scan_port': 1L, 'scan_type': 1L}	2013-12-07 09:14:39	2013-12-06 09:14:39	20	Yes	Todo	24h	Yes		2013-12-06 09:14:39	2013-08-09 10:31:59	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
936	st-	b_xsj_idc_1	5.0/26	kschk_port_ex	1	{'scan_port': 1L, 'scan_type': 1L}	2013-12-07 09:10:55	2013-12-06 09:10:55	50	Yes	Todo	24h	Yes		2013-12-06 09:10:55	2013-08-09 10:31:44	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
213	st-	b_ksc_idc_1	9.76.0/24	kschk_port_ex	1	{'scan_port': 5L, 'scan_type': 1L}	2013-12-07 11:37:17	2013-12-06 11:37:17	50	Yes	Todo	24h	Yes		2013-12-06 11:37:17	2013-07-24 18:00:00	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>
214	st-	b_ksc_idc_1	9.75.0/26	kschk_port_ex	1	{'scan_port': 5L, 'scan_type': 1L}	2013-12-07 11:40:14	2013-12-06 11:40:14	50	Yes	Todo	24h	Yes		2013-12-06 11:40:14	2013-07-24 18:00:00	<input type="button" value="Encycle"/> <input type="button" value="Disable"/>

➤ 下步计划

- 与KSRC数据交互
- 丰富基准安全检测
- 单项深入安全检测

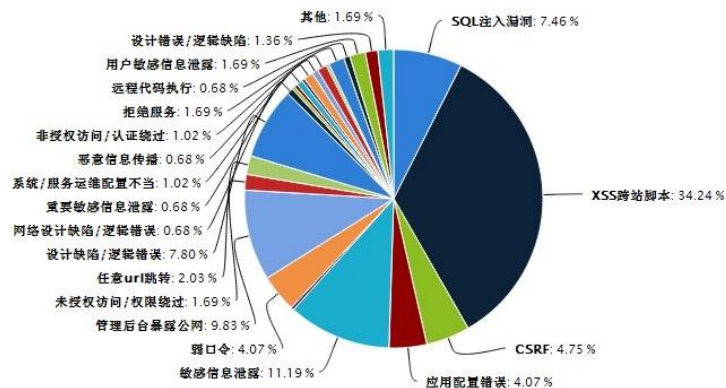
➤ 下步计划

➤ 与KSRC数据交互

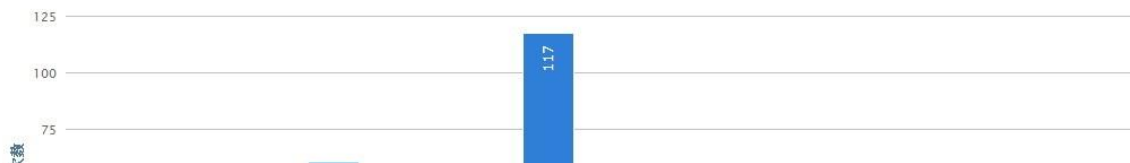
➤ 漏洞自动提交

➤ 临时任务下发

漏洞类型分布



漏洞所属分布



➤ 下步计划

➤ 丰富基准安全检测

■ 应用探测与建档

■ whatweb

■ 针对性安全检测

■ bugscan

 BugScan 一个简洁实用的在线Web安全扫描、漏洞共享的平台！

插件列表

[API 文档](#)

[贡献排行](#)

[我要评论](#)

[友情链接](#)

插件列表

插件分类:

名称:

[搜索](#)

插件名称	分类	作者	触发	状态	更新日期
phpMyAdmin空口令 	服务配置缺陷	321	1	已上线	2013-12-02 13:26:30
appcms任意文件下载漏洞	应用程序漏洞	Zero	3	已上线	2013-12-01 00:20:37
ShopEx登录处sess_id注入漏洞 	应用程序漏洞	Seay	5	已上线	2013-10-16 16:13:47
SSH弱口令	系统弱口令	Zero	29	已上线	2013-10-16 04:03:28
whmcs5.2.8漏洞 	通用常见漏洞	Mark	1	已下线	2013-10-11 23:50:38
Discuz! X3 爆php环境路径 	敏感信息泄露	sszz	863	已上线	2013-10-06 17:55:33
Discuz! X3 爆路径 	敏感信息泄露	sszz	13711	已上线	2013-10-06 17:31:31
RDP远程溢出漏洞MS12-020	通用常见漏洞	Zero	2381	已上线	2013-09-07 13:33:02
WordPress弱口令扫描	系统弱口令	Zero	497	已上线	2013-09-04 19:06:38
Espcms wap模块SQL注入漏洞	应用程序漏洞	Seay	3	已上线	2013-07-26 17:28:57
ShopEx API注入漏洞	应用程序漏洞	Seay	135	已上线	2013-07-26 17:18:08
Apache Struts2 多个远程命令执行漏洞	应用程序漏洞	Zero	4285	已上线	2013-07-20 18:32:02
DedeCms变量注入引发二次利用SQL注入漏洞	应用程序漏洞	Zero	827	已上线	2013-06-08 11:13:03
爬虫引擎	信息收集	Zero	--	已上线	2013-05-09 08:15:13
SQL注入漏洞	通用常见漏洞	Zero	87771	已上线	2013-05-09 07:15:24

[1](#) [2](#) [3](#) [4](#) [下一页](#) [最后一页](#)

➤ 下步计划

➤ 单项深入安全检测

- Web自动深入安全检测
- 与系统安全扫描器对接

谢谢大家

chengchong@kingsoft.com
weibo : 金山程冲