使用 JMeter 进行 HTTP 测试

1 脚本录制

脚本录制,JMeter 启用 WEB 代理,浏览器把代理上网设置为JMeter 所在的 IP 地址, 自己电脑就是 127.0.0.1 代理端口默认 8080。至于浏览器修改代理上网服务器,不做截图。 Jmeter 运行在目录 \apache-jmeter-2.10\bin 下 jmeter.dat 文件,双击打开进入 Jmeter 界面。

ар	ache-jmeter-2.10 ⊧ bin		~	ひ 搜索 bin
^	名称	修改日期	类型	大小
	BeanShellAssertion.bshrc	2013/10/17 12:52	BSHRC 文件	2 KB
	BeanShellFunction.bshrc	2013/10/17 12:52	BSHRC 文件	3 KB
	BeanShellListeners.bshrc	2013/10/17 12:52	BSHRC 文件	2 KB
	BeanShellSampler.bshrc	2013/10/17 12:52	BSHRC 文件	3 KB
	📄 dunan_oa_nopicture.jmx	2013/11/1 15:44	JMX 文件	2 KB
	🗋 dunan_oa_test.jmx	2013/11/1 16:52	JMX 文件	168 KB
	dunanoa_test_1.jmx	2013/11/1 19:30	JMX 文件	277 KB
	hc.parameters	2013/10/17 12:52	PARAMETERS 文	2 KB
	風 heapdump	2013/10/17 12:35	Windows 命令脚本	2 KB
	heapdump.sh	2013/10/17 12:35	SH 文件	2 KB
	httpclient.parameters	2013/10/17 12:52	PARAMETERS 文	2 KB
	HTTP请求.jmx	2013/10/26 20:23	JMX 文件	6 KB
	📄 jaas	2013/10/17 12:52	VMware DHCP C	2 KB
	java_pid2864.hprof	2013/11/1 18:04	HPROF 文件	0 KB
	jmeter	2013/10/17 12:35	文件	4 KB
	🔍 jmeter	2013/10/26 21:50	Windows 批处理	5 KB
	jmeter	2013/11/5 16:19	文本文档	0 KB
100				

Jmeter 界面

×	Apache JMeter (2.10 r1533061) – 🗖					
文件 编辑 Search 运行 选项 帮助						
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		10 m				

建立测试计划,录制阶段不需要更改任何配置。名称可以自己改

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调试计划			
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粘肌 Ctrl-V	Test Fragment	tearDown Thread Group	
Reset Gui	配置元件 🕨	线程组	
打开	定时器 >	I	用户定义的引
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保存为	后立处理器 ·		
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启用			
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帮助		由立运行每个线程组(例如在	一个组运行结束后启动下一个)
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		。 新知识车粮 车	

添加一个 Cookie 管理器,该次测试是需要登陆操作,如果没有 Cookie 管理器,登陆后的 HTTP 请求,在脚本运行的时候,就不会带 Cookie。应该知道后果吧,就是登陆成功后的请 求提示你未登陆。添加就行不需要配置。

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— 🏢 工作台	添加	•	逻辑控制器 >	夕称: test ecshon	181
	剪切	Ctrl-X	配置元件 >	CSV Data Set Config	
	复制	Ctrl-C	定时器 🕨	FTP请求缺省值	-
	粘贴	Ctrl-V	前置处理器)	HTTP Cache Manager	●继续 ○ 5
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	打开 合并 保存为		出听器 → HTTP请求默认值 Java请求默认值 JDBC Connection Configuration	eded	
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	启用 禁用 Toggle	Ctrl-T		MongoDB Source Config Random Variable TCP取样器函语	
	帮助			用户定义的变量	
			-	登陆配置元件/索 简单配置元件 计数器	

在工作台启用 HTTP 代理服务器

×	Apache JMeter (
文件 编辑 Search 运行 选项 帮助	
♀ 益 测试计划	工作台
添加	▶ 非测试元件 ▶ HTTP Mirror Server
粘则h Ctrl-V	逻辑控制器 ► HTTP代理服务器
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启用 林田	
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43 JYJ	
配置目标控制器:选择刚刚建立的	的测试计划, Type 选择 HttpClient4。然后启动。
HTTP代理服务器	
名称: HTTP代理服务器 注释:	
Global Settings	
端口: 8080 HTTPS Domains:	
Test plan content 目标控制器: <mark>测试计划 > test_echop</mark>	
分组: 不对样本分组	▼ 🗹 记录HTTP信息头 🗌 添加断言 🗌 Regex matc
HTTP Sampler settings	
Type: HttpClient4	▼ □ 自动重定向 ☑ 跟随重定向 ☑ Use KeepAlive □ 从HTML文件获取所有内含的
Content-type filter	Exclude:
[]	
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添加	加 删除 Add from Clipboard
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	attera belev
添加 删除	Add from Clipboard Add suggested Excludes
	777-34 17-34 250.041

浏览器设置代理

		Internet 雇	副性	
	局域	或网(LAN)设	置	
自动配置				
自动配置会要	盖手动设置。要研	角保使用手动设	2置,请禁用	自动配置。
✓ 自动检测设	置(A)			
]置脚本(S)			
地址(R)				
代理服务器				
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☑ 为 LAN 便 地址(E): □ 对于本	127.0.0.1 地地址不使用代3	端口(T): 理服务器(B)	8080	高级(C)
☑ 为 LAN 便 地址(E): □ 对于本	127.0.0.1 地地址不使用代3	端口(T): 理服务器(B)	8080	高级(C)

进入脚本录制,按照预设的测试脚本过程,操作一次网站

以上操作后,录制已经完成。录制的页面中,可能有其他的访问在里面,可以将不需要的页 面删除

- C C C C C C C C C C C C C C C C C C C	+ - 4
Ŷ- Trest_echop	HTTP代理服务器
- A lecshop/upload/user.php	
//ecshop/upload/api/cron.php	
//ecshop/upload/user.php	注释:
 /ecshop/upload/api/cron.php 	Global Settings
 /SecurQuery?h=FF542286C98285C0A2DFBDE /ecshop/upload/index.php 	端口: 8080 HTTPS Domains:
//securouery2b=EE542286C98285C0A2DEBDE	Test plan content
// //////////////////////////////////	
//ecshop/upload/is/index.is	目标控制器:则试计划》test_ecnop
/ecshop/upload/themes/default/images/top_1.g	分组: 不对样本分组
∽ 🥕 /ecshop/upload/js/utils.js	
∽ 🎤 /ecshop/upload/js/transport.js	HTTP Sampler settings
← 🌈 /ecshop/upload/js/common.js	Type: HttpClient4
🗢 🎤 /ecshop/upload/themes/default/images/logo.gif	Contant time filter
/ecshop/upload/themes/default/images/bnt_reg	Content-type inter
/ecshop/upload/themes/default/style.css	Include:
• 🧪 /ecshop/upload/themes/default/images/more.gi	一句全模式
/ecshop/upload/themes/default/images/top_7.g	
/ecshop/upload/themes/default/images/top_6.g	
/ecshop/upload/themes/default/images/top_3.g	
/ecshop/upload/themes/default/images/top_4.g	
/ecshop/upload/themes/default/images/top_5.g	
 /ecshop/upload/images/200905/thumb_img/12_ 	
 /ecshop/upload/images/200905/thumb_img/24_ 	11FPホ1チェレ
/ecshop/upload/themes/default/images/top_2.g	
/ecshop/upload/images/200905/thumb_img/3_t	
 /ecshop/upload/data/flashdata/dynfocus/cycle 	
/ecshop/upload/themes/default/images/search	3
/ecshop/upload/themes/default/images/bg.gif	
- // /ecshop/upload/themes/default/images/h3title.g	

里面浏览器发起的请求也被录制下来,这种就可以删除。

// /ecsnop/upioaa/data/brandiogo/124080292241	иттр:±ф	
 /ecshop/upload/data/flashdata/dynfocus/data. 	ппгал	
 /ecshop/upload/data/brandlogo/124080306230 	名称: /SecurQuery?h=FF542286C98285C0A2DFBDB7A0A44751&r=3	3354&v=4.1.3.9297
/images/logo/ecshop_logo.gif	2442.	
/ecshop/upload/images/200905/thumb_img/32_	2178 -	
/ecshop/upload/images/200905/thumb_img/8_t	Web服务器	Timeouts
 /ecshop/upload/themes/default/images/itemH2t 	服务器名称或IP: safe.ie.sogou.com	端口号: Connect:
/ecshop/upload/themes/default/images/footerL	HTTD店业	
//ecshop/upload/themes/default/images/salesG		
/ecshop/upload/themes/default/images/logo1.g	Implementation: HttpClient4 - 协议: http 方法: P(OST Content encoding: gb2312
 /ecshop/upload/themes/default/images/helpTitE 		
// /ecshop/upload/themes/default/images/salesB	路径: /SecurQuery?h=FF542286C98285C0A2DFBDB7A0A44751&r=	3354&v=4.1.3.9297
/ecshop/upload/themes/default/images/salesTi		tform data for BOOT
/ecshop/upload/themes/default/images/xml_rss		biom-data for POST Browser-compatible neaders
//ecshop/upload/themes/default/images/bnt_hot	Parameters Body Data	
/ecshop/upload/images/200905/thumb_img/14		New AND WAR
/ecshop/upload/images/200905/thumb_img/13_	j	请水一起友 医参数:
 /ecshop/upload/themes/default/images/foucsB 	名称:	值
/ecshop/upload/themes/default/images/inputbg	Un9I58/mdhvy42w/V12 gInxwX67iTDnSwNBEs94eGvmuRQk3z86y	
//ecshop/upload/themes/default/images/catBg.g		
/ecshop/upload/themes/default/images/lineBg.g		
/ecshop/upload/themes/default/images/topNav	Detail 添加 Add f	irom Clipboard 删除 Up Down
/ecshop/upload/themes/default/images/box_2E		
/ecshop/upload/themes/default/images/NavBg.	P	请求一起发送文件:
/ecshop/upload/themes/default/images/topNav		(
/ecshop/upload/images/200905/thumb_img/22_	XI H	-
/SecurQuery?h=FF542286C98285C0A2DFBDE		
 /ecshop/upload/user.php 		
 /ecshop/upload/api/cron.php 	添加	対告
~ / Iq	~2007BB	CURRAN CURRAN
 /ecshop/upload/user.php 	- Proxy Server	

将干扰测试的页面删除完后保存

	Apache JMeter (2.10 r1533061)
文件 编辑 Search 运行 选项 帮助	
	- * > > = * = * * * *
 谢试计划 Pest_echop /ecshop/upload/api/cron.php /ecshop/upload/index.php /ecshop/upload/index.js /ecshop/upload/index.js /ecshop/upload/is/utils.js /ecshop/upload/is/common.js /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/logo.gif /ecshop/upload/themes/default/images/log.gif /ecshop/upload/thashdat/dynfocus/cycle_image /ecshop/upload/thashdat/dynfocus/cycle_image /ecshop/upload/themes/default/images/log.gif 	终程组 名称: test_echop 注释:

2. 测试验证脚本

录制完脚本后,运行一次。运行之前添加一个监听器,用于查看脚本运行情况,建议用 观察结果树监听器,可以看到来回的 HTTP 交互。

1		test_ech	op.jmx (C:\Users\Abel\Desktop\test_		
文件 编辑 Search	运行 选项 帮助				
			- 🗲 🕨 🕸 🔍 💺 1		
? 🔓 測试计划			线程组		
Ŷ Lest school	•	逻辑控制器》			
← / 煎切	Ctrl-X	配置元件 →	ALAN: lest_echop		
~ / 复制	► / 复制 Ctrl-C		注料:		
そ / 粘贴	Ctrl-V	前置处理器)	11921+631月大海安1011月34月1		
Duplicate	e Ctrl+Shift-C	Sampler 🕨	● 继续		
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Т. Т		监听器)	Aggregate Graph		
合并		Treg.gn	Bean Shell Listener		
☞ 🧷 保存为		e.gif	BSF Listener		
- Save Nor	de As Image Ctrl-G	7.gif	Comparison Assertion Visualizer eded		
Save Sci	reen As Image Ctrl+Shift-G	_6.gif	Distribution Graph (alpha)		
2 月 白田		3.git	JSR223 Listener		
~ / HH		5.gif	Response Time Graph		
	Ctrl-T	12_thumb_	Simple Data Writer		
- Toggie		_24_thumb	Spline Visualizer		
ris Byj	load/images/200905/thumb_im	2.git	Summary Report		
- /ecshop/up	load/data/flashdata/dynfocus/	cycle_image	保存响应到文件		
► // /ecshop/up	load/themes/default/images/se	archBg.gif	図形結果		
► 🥂 /ecshop/up	load/themes/default/images/bg	ı.gif	梁 有结果树		
• /ecshop/up	load/themes/default/images/h3	ititle.gif	助言结果		
/ecshop/up	load/images/200905/thumb_im	g/23_thumb_	生成概要结果		
 /ecshop/up 	lioad/images/200905/thumb_im	g/20_thumb	用表格察看结果		

运行

线程线	
名称:	test_echop
注释:	
一维程同	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停止测
- 线程属 线程数	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停止测 属性
线程 线程 Ramp	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停止则 属性 g: 1 -Up Period (in seconds): 1
- 线程 线程 Ramp 循环》	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停止测 属性 4: 1 -Up Period (in seconds): 1
· 线程 线程 爱 Bamp	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停」 属性 如: 1

运行完后通过结果树查看脚本运行结果,中间栏为脚本运行请求过的页面,都是绿色表 示页面请求和响应都正常。再查看下关键页面的请求和响应参数,

小火曲雨水伸响点	山口の	目一八陡火山	11111919/14/14	加少奴,
登陆的请求正常,	账号 songmin 密	密码 123456	正常提交,	看下响应数据

// /ecshop/upload/data/brandlogo/12408032478381957	察看结果树	
//ccshop/upload/images/200905/thumb_img/23_thumb	夕称: 寥看结果树	
//ecshop/upload/themes/default/images/ineBo.gif	注释·	
/ecshop/upload/themes/default/images/catBg.gif		
//ecshop/upload/images/200905/thumb_img/22_thumb	所有製造与八一个义件	
/ecshop/upload/images/200905/thumb_img/19_thumb	文件名	為定 Log/Display Only: 口 仅日志错误 Successes Con
/ecshop/upload/themes/default/images/inputbg.gif	A /occhon/upload/upor php	ma 10.000 feb mm (Alfred) (advability)
/ecshop/upload/images/200905/thumb_img/20_thumb	A /ecshop/upload/api/crop.php	
/cshop/upload/themes/default/images/foucsBg.gif	- A /ecshop/upload/user.php	POST http://192.168.154.128/ecshop/upload/user.php
/ccshop/upload/themes/default/images/box_2Bg.gif	- A /ecshop/upload/api/cron.php	
/cshop/upload/themes/default/images/topNavR.gif	/ecshop/upload/user.php	POST data:
//ccshop/upload/themes/default/images/topNavBg.gif	- 🔬 /ecshop/upload/api/cron.php	username=songmin&password=123456&act=act_login&back_act=user.php&submit=
/// /ecshop/upload/themes/default/images/NavBg.gif	— 🚲 /ecshop/upload/user.php	
//cshop/upload/images/200905/thumb_img/17_thumb	📃 — 💩 /ecshop/upload/api/cron.php 🦳	Cookie Data:
//ecshop/upload/themes/default/images/bg.gif	/ecshop/upload/user.php	ECS_ID=8c30137a8a90261643f74c273f0327a505a91300; ECS[visit_times]=1
<pre>//ccsnop/upload/images/200905/tnumb_img/1_tnumb_</pre>	- 🙆 /ecshop/upload/api/cron.php	Request Headers:
 Vecsnop/upload/apvcron.pnp Vecsnop/upload/apvcron.pnp 	- A /ecshop/upload/index.php	Connection: keep-alive
Vecsnop/upload/inemes/default/mages/totterLine.gn //ecshop/upload/themes/default/mages/holeTiP2 of	/ecshop/upload/internes/delaulusityle.css	Content-Type: application/x-www-form-urlencoded
//ccshop/upload/hemes/default/images/heip1icbg.gli	A /ecshop/upload/js/common.js	Cache-Control: no-cache
//ccshop/upload/hieries/default/images/byt_top.oif	- A /ecshop/upload/is/transport is	Accept-Language: zh-CN
/acshop/upload/themes/default/images/temH2Bo.of	- A /ecshop/upload/themes/default/images/log	Accept */*
//ccshop/upload/themes/default/images/salesGoodBo	- 🙇 /ecshop/upload/themes/default/images/bn	User-Agent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 6.2; WOW64; Trident/7.0; .NET4.0
/ecshop/upload/themes/default/images/bnt_home.gif	— 🙇 /ecshop/upload/js/utils.js	.NET4.0C; InfoPath.3; SE 2.X MetaSr 1.0)
/ecshop/upload/themes/default/images/xml rss2.gif	— 🔬 /ecshop/upload/themes/default/images/top	Accept-Encoding: gzip, deflate
/ecshop/upload/themes/default/images/salesBg.gif	- 🔬 /ecshop/upload/themes/default/images/top	Referer. nttp://192.168.154.128/ecsnop/upload/user.pnp
//ecshop/upload/themes/default/images/salesTitBg.gif	/ecshop/upload/images/200905/thumb_im	Content Length: 72
//ecshop/upload/images/200905/thumb_img/13_thumb	 /ecshop/upload/themes/default/images/bn 	Host 192 168 154 128
/ecshop/upload/images/200905/thumb_img/14_thumb	/ecshop/upload/images/200905/thumb_im	100.102.100.104.120
- 💽 察看結果树		
1作台	Text	
₿ HTTP代理服务器	Scroll automatically?	Raw HTTP

响应数据,看到有登陆成功的关键字。OK 脚本没问题,其他页面不去验证了,测试时,根据测试流程验证关键的几个页面请求和响应数据,是否和正常操作对应。



3 添加报表

报表格式很多种,根据自己情况使用。不清楚的话,可以都添加运行一次后,看那个报 表更合适

To test en '		线程组	
◎ → 添加 >	逻辑控制器)	森: test ecshop	
► //e 剪切 Ctrl-X	配置元件 >	-38.	
~ / lei 复制 Ctrl-C	定时器 🕨	- **** 左肌 挨緊 供得 后 更 协 行 的 动 作	
Ctrl-V	前置处理器)		
Duplicate Ctrl+Shift-C	Sampler +		继续
Reset Gui	后置处理器)	\$239 2 34	
- //e mike Delete	断言・		
	监听器)	Aggregate Graph	
~ ∕/e]]		Bean Shell Listener	
- ∥ /ei 合并		RSF Listener	
► //e 保存为		Comparison Accortion Visualizar	
Save Node As Image Ctrl-G		Distribution Compt (alpha)	a
Save Screen As Image Ctrl+Shift-G		Usu button Graph (alpha)	
		JSR223 Listener	-
- 2º /ei ±±⊞	f	Response Time Graph	
	g.gif	Simple Data Writer	
← //e		Spline Visualizer	
← 🎤 /e 帮助	pif	Summary Report	
 /ecshop/upload/themes/default/images/top_2 	2.gif	保 <mark>存响应到文件</mark>	
 /ecshop/upload/images/200905/thumb_img/3 	_thumb_	图形结果	
<pre>/ecshop/upload/themes/default/images/bnt_r</pre>	eg.gif	察看结果树	
//ecshop/upload/inages/200903/thtmb_ing/1	2_thumb	断言结果	
 /ecshop/upload/images/200905/thumb_img/2 	4 thumb	生成服要结果	
- // /ecshop/upload/data/flashdata/dynfocus/cyd	cle_image	田主松宛丢结里	
- // /ecshop/upload/images/200905/thumb_img/3	2_thumb		
- // /ecshop/upload/data/brandlogo/1240802922	4106340		2
 /ecshop/upload/data/brandlogo/1240803062 	3075724	滚音披古 17/1-17	
/ecshop/upload/images/200905/thumb_img/8	_thumb	即归规禁议	
/ecshop/upload/themes/default/image	s/salesBg.gif		
 /ecshop/upload/themes/default/image 	s/salesTitBg.gif		
 /ecshop/upload/images/200905/thuml 	b_img/13_thumb		
 /ecshop/upload/images/200905/thumi 	b_img/14_thumb		
□ ■ 図形結果			
		100000	
(副 工作台)			

4 编辑测试压力数据

300 并发, 10 秒中 300 并发准备完成, 循环次数永远, 持续时间 300 秒

な彩: test ecshop	
ENTR	
土種:	- Ah - L A-
在取件當镇医后贵扒	1432011
	● 继续 ○ Start Next Thread Loop ○ 停止线程 ○ 停止测试 ○ Stop Test Now
线程属性	
线程数: 300	
Ramp-Up Period (in s	conds): 10
Ramp-Up Period (in s) 循环次数 🔽 永远	conds): 10
Ramp-Up Period (i <mark>n s</mark> 循环次数 <mark>区 永远</mark>	conds): 10
Ramp-Up Period (in s 循环次数 🔽 永远 🗌 Delay Thread cre	conds): 10 tion until needed
Ramp-Up Period (in s 循环次数	conds): 10
Ramp-Up Period (in s 循环次数 2 永远 Delay Thread cre 记调度器	conds): 10 tion until needed
Ramp-Up Period (in s 循环次数 2 永远 Delay Thread cre 2 调度器 調度器配置	conds): 10 tion until needed
Ramp-Up Period (in s 循环次数 2 永远 Delay Thread cre 2 调度器 調度器配置 启动时间 2013/11/05	conds): 10 tion until needed 17:14:07
Ramp-Up Period (in s 循环次数 2 永远 Delay Thread cre 2 调度器 調度器配置 启动时间 2013/11/05 结束时间 2013/11/05	conds): 10 tion until needed 17:14:07 17:14:07
Ramp-Up Period (in s 循环次数 2 永远	conds): 10 tion until needed 17:14:07 17:14:07

运行脚本 300 线程数已经完成启动

- 🎸 🕨 🙋 🝳 🖕 🖦 😒 🦋 🌌 🚗 🍾 🗄	🔋 🔽 0 🔥 🧾 0 🚹
名称: test_ecshop	
注释:	
● 细珠 ○ Start Next Thread Loop ○ 停止线程	○ 1章Ⅲ湖市 ○ Stob Lest now
线程数: 300	
Ramp-Up Period (in seconds): 10	
循环次数 🗹 永远	
Delay Thread creation until needed	



图形报表



聚合报表,看到每个页面的响应时间,错	告误率,请求 <i>为</i>	、数等。
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聚合报告									
名称: 聚合报告									
注释:									
后右粉探军》二个1	立件								
	λп								0.0
又件名						刻意 Log/Disj	play Only: 1217	5错误 Successes	Configure
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
ecsnop/upioad/da	266	438	25	1060	1	2078	41.35%	1.3/Sec	2.8
ecshop/upload/da	266	637	23	1068	1	55138	41.35%	1.3/sec	3.4
ecshop/upload/da	264	427	23	1072	1	1239	40.91%	1.3/sec	3.9
ecshop/upload/da	261	425	24	1084	2	1185	40.23%	1.3/sec	4.2
ecshop/upload/da	259	419	21	1051	1	1172	39.77%	1.3/sec	2.9
ecshop/upload/da	259	413	20	1029	1	1140	39.77%	1.3/sec	4.0
ecshop/upload/im	259	1592	21	1038	1	153514	39.77%	1.3/sec	3.2
ecshop/upload/th	257	405	8	1026	1	1154	39.30%	1.3/sec	1.5
ecshop/upload/th	257	406	7	1041	1	1137	39.30%	1.3/sec	1.4
ecshop/upload/th	257	1008	16	1057	2	150487	39.30%	1.3/sec	5.7
ecshop/upload/im	256	404	23	1012	1	1151	39.06%	1.3/sec	3.1
ecshop/upload/im	256	1554	21	1049	1	148154	39.06%	1.3/sec	2.9
ecshop/upload/th	254	1162	7	1048	1	126846	38.58%	1.3/sec	1.3
ecshop/upload/im	248	387	14	1032	1	1162	37.50%	1.2/sec	2.7
ecshop/upload/th	247	527	17	1020	1	35321	38.06%	1.2/sec	1.6
ecshop/upload/th	242	886	8	1027	1	117268	37.60%	1.2/sec	1.4
ecshop/upload/th	241	565	12	1026	1	43595	37.76%	1.2/sec	1.6
ecshop/upload/th	239	985	16	1048	1	141902	37.24%	1.2/sec	3.2
ecshop/upload/th	238	381	13	1029	2	1566	36.97%	1.2/sec	3.2
ecshop/upload/im	233	389	11	1018	1	2276	35.62%	1.2/sec	3.1
ecshop/upload/th	233	367	14	1018	2	1107	35.62%	1.2/sec	14.4
ecshop/upload/im	231	363	8	1015	1	1198	35.06%	1.2/sec	2.7
ecshop/upload/th	225	359	5	1037	1	2133	33.78%	1.1/sec	1.1
ecshop/upload/th	225	356	4	1038	1	1912	33.78%	1.1/sec	1.2
ecshop/upload/th	225	354	5	1048	1	1578	33.78%	1.1/sec	2.9
ecshop/upload/th	224	662	7	1034	1	71672	33.48%	1.1/sec	1.4
ecshop/upload/th	220	942	5	1044	1	132505	32.73%	1.1/sec	1.1
ecshop/upload/th	218	922	7	1009	1	129813	32.11%	1.1/sec	2.3
ecshop/upload/th	216	328	7	1010	1	1111	31.48%	1.1/sec	1.4
ecshop/upload/th	216	327	10	1011	1	1180	31.48%	1.1/sec	1.4
ecshop/upload/th	215	1506	6	1022	1	128506	31.16%	1.1/sec	1.3
ecshop/upload/th	213	2083	10	1014	2	126481	30.52%	1.1/sec	5.8
ecshop/upload/im	210	1265	6	1017	1	125622	29.52%	1.1/sec	2.5
ecshop/upload/im	208	1711	5	1014	1	124738	28.85%	1.0/sec	2.5
总体	22719	2705	49	3417	1	204013	30.77%	107.6/sec	428.2
			Include group nat	me in label? Save	Table Data	Save Table Header			þ