

常问问题•11月2014年

SCALANCE XM 交换机 Email

SCALANCE XM400

http://support.automation.siemens.com/CN/view/zh/105825230

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1 说明

SCALANCE XM400 交换机支持作为 SMTP 客户端,可以把报警或者诊断信息以 EMAIL 邮件的形式发送给 SMTP 服务器。

2 组态步骤

 如图 1,在 SCALANCE XM400 交换机的管理界面激活 "SMTP Client"; "Sender Email Address"表示发信人的邮件地址,可以随意定义,此处: XM408-C@XM400.com; 输入 SMTP 服务器 IP 地址,此处: 192.168.0.21; 创建条目后, 输入需要转发的收信人邮件地址,此处: pc-win7@siemens.com。

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192.168.0.18/SCALANCE XM408-8C

Welcome admin	Simple Mail Transfer Protoco	I (SMTP) Client	t
Logout			
Information	SMTP Clie	ent	
System	Sender Email Address: xm408-c@xn	n400.com	
► Configuration	Send Test N	lail	
▶ General			
►Agent IP	SMTP Port: 25		
▶ DNS	SMTP Server IP Address: 192.168.0.21	×	
▶Restart	Select SM	TP Server Address	Receiver Email Address
▶Load&Save	192	.168.0.21	pc-win7@siemens.com
► Events	1 entry.		
▶ SMTP Client			
► DHCP Client	Create Delete Set Values Refresh		
▶ SNMP	45		
▶ System Time			

2. 如图 2, "Events" 菜单下定义触发发送 Email 的事件。

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132.100.0.10/0CALANCE AW400-00		192.168	.0.18/SC/	ALANCE	XM408-80
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Welcome admin	Event Configuration							
Logout								
Information	Configuration Severity Filte	rs						
-System	Signaling Contact Method:	conventional 🗸						
► Configuration	Signaling Contact Status:	open 🗸						
▶ General			E-mail	Trap	Log Table	Syslog	Fault	Copy To Table
▶Agent IP		All Events	No Change 🗸	No Change	V No Change V	No Change	✓ No Change ✓	Copy To Table
▶DNS			-					
▶Restart		Event	E-mail	rap	Log Table	Syslog	Fault	
▶Load&Save		Cold/Warm Start	~	✓	\checkmark	\checkmark		
Evente		Link Change	✓	✓	\checkmark	\checkmark		
FEVEnts		Authentication Failure	✓	✓	~	~		
▶SMTP Client		RMON Alarm	✓	-	~	~		
►DHCP Client		Power Change	✓	~	-	~		
▶SNMP		RM State Change	~	-	~	~		
▶System Time		Spanning Tree Change	V	✓	✓	~		
Auto Logout		Fault State Change	✓	✓	\checkmark	~		
+ Putton		Standby State Change	✓	✓	\checkmark	\checkmark		
Foution		VRRP State Change	✓	✓	\checkmark	\checkmark		
►Syslog Client		Loop Detection	~	~	~	~		
▶ Ports		OSPF State Change	v	~	~	~		
► Fault Monitoring	Set Values Refresh							

图 2

3. 为实现邮件发送和接收,需要 SMTP 服务器。本例中使用"IMail" 软件,将一台 PC 作为 SMTP 服务器。如图 3,在"IMail"定义用户邮件"pc-win7@siemens.com",以 及用户名称和密码。

👷 IMail Administrator			
<u>File E</u> dit ⊻iew <u>T</u> ools <u>H</u> elp			
E M × ?			
Iocalhost Services Map4 Map4 Monitor Password POP3	*	pc-win7 General Directory Plan Inbound Rules First Name: pc-win7 *Password: ******	Apply Help Vacation Info. Manager Attributes Last Name: pc-win7 *Confirm Password: xeexex
Queue Manager G SMTP G SysLog G Web Calendaring G Web Messaging G WhoIs → Antispam F ■ siemens		Drganization: Department: Address: City: Postal Code: Telephone:	State/Province:
Jestimate Jestimate Jestimate Jestimate Jestimate Jestimate Jestimate Jestimate		<u>B</u> eply To: pc-win7@siemens.co For <u>w</u> ard:	m
Andspall Andspall	*	User cannot change password Account access disabled Hide from information services User cannot modify LDAP attributes * required information	 Allow Web access Host administrator List administrator IMail system administrator Suspend User Account



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- 4. 邮件接收,使用的是 "POP3"协议,本例中使用"Microsoft Outlook",如图 4,在电子邮件帐户信息里添加之前在 SMTP 服务器侧定义的用户信息。

用户信息		测试帐户设置
您的姓名(Y):	AAA	填写完此这些信息之后,建议您单击下面的按钮 行账户测试。(需要网络)连接)
电子邮件地址(E):	pc-win7@siemens.com	
服务器信息		
帐户类型(A):	POP3 🖵	则风略户设五(1)
接收邮件服务器(I):	192. 168. 0. 21	
发送邮件服务器(SMTP)(0):	192. 168. 0. 21	
登录信息		
用户名(10):	pc-win7	
密码(P):	***	
🔽 i		
■ 要求使田安全変码验证 (3)	PA)讲行容录(D)	│其他设置 00)

5. 配置完成之后,一旦 SCALANCE XM400 交换机发生了相应的事件,邮件会首先发送给 SMTP 服务器,即"IMail"的 PC;装有"Microsoft Outlook"的 PC 会使用 "POP3"协议定期去 SMTP 服务器收邮件,如果网络一切正常,邮件被正常接收, 如图 5。

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图 5