Cisco IOS IPSでのSecurity Managerの設定

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<u>概要</u>

Cisco Security ManagerはCisco Security Management Suiteの一部であり、Cisco Self-Defending Networkの包括的なポリシー管理と適用を提供します。Cisco Security Managerは、セキュリティを管理するための業界をリードするエンタープライズクラスのアプリケーションです。Cisco Security Managerは、シスコルータ、セキュリティアプライアンス、およびセキュリティサービスモジュール全体にわたるファイアウォール、VPN、および侵入防御システム(IPS)セキュリティサービスの構成管理に対応します。

Cisco Security Managerの機能と利点、およびバージョン3.1の新機能の概要については、Cisco Security Manager 3.1データシート (http://www.cisco.com/en/US/prod/collateral/vpndevc/ps5739/ps6498/product_data_sheet0900aec d8062bf6e.html)を参照してく<u>ださ</u>い。Cisco Security Manager 3.1は、Cisco.comの <u>http://www.cisco.com/cgi-bin/tablebuild.pl/csm-app</u>(登録ユーザ専用)からダウンロードできます

このドキュメントでは、IOS IPSの初期設定を実行するためにCisco Security Manager(CSM)3.1を 使用する方法について説明します。IOS IPSがすでに設定されているルータでは、プロビジョニ ングタスクにCisco Security Manager 3.1を直接使用できます。

注: Cisco Security Manager 3.1は、IOS IPSを設定するためにIOS 12.4(11)T2以降のIOSイメージのみをサポートします。

<u>前提条件</u>

<u>要件</u>

このドキュメントに特有の要件はありません。

<u>使用するコンポーネント</u>

このドキュメントの情報は、次のソフトウェアとハードウェアのバージョンに基づいています。

- Cisco Security Manager 3.1
- Cisco IOS 12.4(11)T2

このドキュメントの情報は、特定のラボ環境にあるデバイスに基づいて作成されました。このド キュメントで使用するすべてのデバイスは、初期(デフォルト)設定の状態から起動しています 。対象のネットワークが実稼働中である場合には、どのようなコマンドについても、その潜在的 な影響について確実に理解しておく必要があります。

<u>表記法</u>

ドキュメント表記の詳細については、『<u>シスコ テクニカル ティップスの表記法</u>』を参照してくだ さい。

<u>設定</u>

IOS IPSを設定するには、次の手順を実行します。

- 1. ローカルPCからCisco Security Manager 3.1クライアントを実行します。
- 2. Cisco Security Manager 3.1にデバイスを追加するには、[File]メニューから[New Device]を 選択します。

Fox Daw Souch Gab Toole	Out		
New Device	3 ?		
gone Device	Device 172.25.90.91 Pc	icy: RevCortion	
Delete Device			A REAL PROPERTY AND A REAL
Save Cal+5	Prepended FlexConfigs		
Vew Changes	No.	Name	Description
Yakdate			
Sjbrit			
Sugnit and Deploy			
Depky			
Discard			
Edt Device Groups			
Neg Device Group			
Add Devices to Ggoup			
Bint Codep			
Est Oxi+0			
	Appended PlexConfigs		
Dispection Rules	No.	Name	Description
Settings			
Transparent Rules			
Web Filter Pulles			
P3			
Geto Ste VEV			
Remote Access VPN			
SSL VPN			
Interfaces			
Platform			
PlexConfligs			

3. [New Device]ウィンドウで、デバイスの追加方法を選択します。この例では、ネットワーク からデバイスを追加します。

New Device - Choose Method (Step 1 of)		×
Please choose how you would like to add the device:		
Add Device From Network		
When you add a device that is live on the network, Cisco Security Manager makes a secure connection with the device and discovers its identifying information and properties.		
Add from Configuration File		
When you add a device using its configuration file, Cisco Security Manager discovers the device's identifying information, properties and policies from the file.	- T	
Add New Device		
You can add a device that is not yet on the network by specifying the device's identifying information and credentials.		
Add Device From DCR		
If you are using other CiscoWorks applications and your devices have already been added to the device credentials repository, you can import them into Cisco Security Manager.		
Back Next	Pinish Cancel	Help

- 4. [next] をクリックします。
- 5. 追加するデバイスのIDの詳細を入力します。たとえば、ホスト名とIPアドレスです。

Identity		
IP Type:	Static 🗸	
Host Name:		
Domain Name:		
IP Address:	172.25.90.91	
Display Name:*	172.25.90.91	
OS Type:*	×	
	105-12.3+	
	105 - Catalyst 6500/7600	
Discover Device Se	ettin PIX	
Discover:	BP5	
	ASA	
	Pirewal Policies	
	DPS Policies	
	RA VPN Policies	
	Discover Policies for Security Contents	

- 6. [next] をクリックします。
- 7. 追加するIOSルータのユーザ名、パスワード、イネーブルパスワードなどのプライマリクレ デンシャルを入力します。
- 8. [Finish]をクリックして、Cisco Security Managerにデバイスを追加します。注:この例では 、ユーザがすでに設定済みのルータを持ち、適切なクレデンシャルでルータにログインでき ることを前提としています。

Primary Credentials			
Username:	cisco1234		
Password:*	*******	Confirm:* *******	
Enable Password:		Confirm:	
HTTP Credentials			
	Use Primary Credentials		
	Username:		
	Password:		
	Confirm:		
HTTP Port:	80		
HTTPS Port:	443		
IPS RDEP Mode:	HTTPS		
Certificate Common Name:	1	Confirm:	
RY-Boot Mode	GLMD		

[Discovery Status]ウィンドウに[Discovery completed]と表示されたら、Cisco Security Managerにデバイスを正常に追加しました。Cisco Security Managerにデバイスを正常に追 加したら、IPSを有効にするために公開キーを割り当てる必要があります。

	- CONSISTER	n200111		in an		A			
	100%		_						
	100 %								
Status:	Discovery compl	leted with warni	ings						
Devices to be discovered:	1								
Devices discovered successfully:	1								
Devices discovered with errors:	0								
Discovery Details									
Type Name	Severity	or guitamenana	Rate	- manananan	ananananana a	Discovered	f From		
72.25.90.91	0	Discovery Co	ompleted with Warnings	Live Device					
Marcurar		farada	Description						
Messages Interfaces wide open for traffic		Severity	Description The following interface	es are wide o	oen for traffic	as there is r	no ACL applied	on them. Add	1
Messages Interfaces wide open for traffic Policies discovered		Severity	Description The following interface ing a new Access-rule ermission of traffic any	es are wide o on these inte ymore:	sen for traffic	as there is r	no ACL applied	on them. Add	di /
Messages Interfaces wide open for traffic Policies discovered Existing policy objects reused		Severity A O O	Description The following interface ng a new Access-rule emission of traffic any FastEthernet0 FastEthernet1	es are wide op on these inte ymore:	oen for traffic faces means t	as there is r that there w	no ACL applied all no longer be	on them. Add	d p
Messages Interfaces wide open for traffic Policies discovered Existing policy objects reused IP5 signature policy not discovered.		Severity (1) (1) (2) (2) (2) (3) (4) (4) (5) (4) (4) (4) (4) (4) (4) (4) (4	Description The following interface ing a new Access-rule emission of traffic and FastEthernet0 FastEthernet1 FastEthernet2 FastEthernet3	es are wide o on these inte ymore:	oen for traffic faces means t	as there is r that there w	no ACL applied ill no longer be	on them. Add	di /
Messages Interfaces wide open for traffic Policies discovered Existing policy objects reused IPS signature policy not discovered. Add Device Successful		Severity A O O O O O	Description The following interface ing a new Access-rule in emission of traffic any FastEthernet0 FastEthernet1 FastEthernet2 FastEthernet3 FastEthernet4 FastEthernet4 FastEthernet4	es are wide o on these inte ymore:	oen for traffic faces means t	as there is r that there w	no ACL applied nil no longer be	on them. Add	di /
Messages Interfaces wide open for traffic Policies discovered Existing policy objects reused IPS signature policy not discovered. Add Device Successful		Severity (1) (2) (2) (2) (2) (2) (2) (2) (2	Description The following interface ng a new Access-rule emission of traffic any FastEthernet0 FastEthernet1 FastEthernet2 FastEthernet3 FastEthernet4 Point (fit adus) Action	es are wide of on these inte ymore:	pen for traffic faces means t	as there is r that there w	no ACL applied ill no longer be	on them. Add	d P
Messages Interfaces wide open for braffic Policies discovered Existing policy objects reused IP5 signature policy not discovered. Add Device Successful		Severity	Description The following interface ong a new Access-rule emission of traffic and FastEthernet0 FastEthernet1 FastEthernet2 FastEthernet3 FastEthernet4 Fuelt the use of Action Please verify whether pfigure an access rule	es are wide op on these inter ymore: these interfa or ACL accor	pen for traffic faces means t ces need to bi dingly.	as there is r that there w e wide open	no ACL applied all no longer be	on them. Add such implicit ; f traffic. If no	di p
Messages Interfaces wide open for braffic Policies discovered Existing policy objects reused IP5 signature policy not discovered. Add Device Successful		Severity & © © @	Description The following interface ng a new Access-rule emission of traffic and FastEthernet0 FastEthernet1 FastEthernet2 FastEthernet3 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet4 FastEthernet5 FastEthernet5 FastEthernet6 FastEthernet6 FastEthernet6 FastEthernet7 FastEthernet7 FastEthernet7 FastEthernet8 FastE	es are wide o on these inte ymore: these interfa or ACL accor	ces need to be dingly.	as there is r that there w e wide open	no ACL applied all no longer be for all types of	on them. Add such implicit ; f traffic. If no	d P

9. 左側のメニューから、[FlexConfigs configuration]画面に移動します。

10. 画面の右側にあるFlexConfigsユーザーインターフェイスをクリックし、[追加]アイコンを クリックします。

per gat yew poky by jods pep period a set of the set o	Propended PlexConfigu	ikçı: PlexContrige	
Perkes Of Co	7 vice: 172-25.90.33 Pe Prepended Ple=Configs No.	ikcy: FlexConfrigs	
Perkes Co Fiter :none M Department Glocation V GAI	Vice: 172.25.90.33 Pr Prepended FlexConfig No.	ikoy: FlewConfige	
Fiter :	Prepended HexConfig		
Department Jocation V () Al	No.		
 172.25.90.33 172.25.90.34 		None	Description
AAA Rules Access Rules Inspection Rules B. Settros	Appended PlexConFigs		
Transparent Rules	Ante No. Contractor and and	the second start Marbe second start starting	Description
With Filter Rules			
8.25			
Southres			
E Frent Actions			
Concerci Sattoria			
I tranface Dular			
CINAT			
C Stato Sta 101			
ER Bamota Arrans VEN			
10 59 VPM			
III. Interfaces	Englandiana		
E Platform			Values Preview & P ()
(Perduring)			
			(A0)

11. [Selected FlexConfigs]リストで、[IOS_IPS_PUBLIC_KEY]を選択し、[OK]をクリックしま す。

Instance Interver	Filter : un pope un			Name	
 IOS_CA_server IOS_compress_config IOS_config_root_wireless_station IOS_console_AAA_bypass IOS_Copy_Image IOS_enable_SSL IOS_IPFM IOS_IPF_SIGNATURE_CATEGORY IOS_PKI_with_AAA IOS_set_dock IOS_VOIP_advance IOS_VOIP_advance IOS_VVIP_set_interface_desc IOS_VPN_shutdown_inside_interface IOS_VRF_on_vFW 	CAT6K_ECLB_portchannel CAT6K_firewal_multiple_vlan_interfaces IOS_add_bridge_interface_desc	^		E rospositorer	
 IOS_Copy_Image IOS_enable_SSL IOS_FPM IOS_IPS_SIGNATURE_CATEGORY IOS_PKI_with_AAA IOS_set_clock IOS_VOIP_advance IOS_VOIP_advance IOS_VVIP_simple IOS_VVPN_config_gre_tunnel IOS_VPN_set_interface_desc IOS_VPN_shutdown_inside_interface IOS_VRF_on_vFW 	IOS_CA_server IOS_compress_config IOS_config_root_wireless_station IOS_console_AAA_bypass				
IOS_UPS_SIGNATURE_CATEGORY IOS_PKI_with_AAA IOS_set_clock IOS_VOIP_advance IOS_VOIP_simple IOS_VVIP_simple IOS_VPN_config_gre_tunnel IOS_VPN_set_interface_desc IOS_VPN_set_interface_desc IOS_VRF_on_vFW	IOS_Copy_Image IOS_enable_SSL IOS_FPM		>>		
IOS_VOIP_advance IOS_VOIP_simple IOS_VPN_config_gre_tunnel IOS_VPN_set_interface_desc IOS_VPN_shutdown_inside_interface IOS_VRF_on_vFW	IOS_IPS_SIGNATURE_CATEGORY IOS_PKI_with_AAA IOS_set_dock ID_IOS_voltp_stance	1			
IOS_VPN_shutdown_inside_interface IOS_VRF_on_vFW	IOS_VOIP_simple IOS_VPN_config_gre_tunnel I				
	IO5_VPN_shutdown_inside_interface	Y			

- 12. [Save] をクリックして変更を保存します。**注:**IOS_IPS_PUBLIC_KEY FlexConfigは公開キ 一の設定を保持します。
- 13. 左側のメニューから、IPSの見出しの下にあるGeneral Settingsを選択します。
- 14. フラッシュ上のIPS設定の場所を入力します。これは、IPS設定が配置される場所です。
- 15. [Save] をクリックして変更を保存します。

Clisco Security Manager - admin Co File Foll View Policy Man Tools In	nnected to '172.25.90.8'	
	?	
Denkes 😔 🗇	Device: 172.25.90.33 Policy: General Settings	
Filter : -none - v Department Jocution V AI 172:25:90.33 G 172:25:90.34	Block Traffic when IPS engine unavailable Apply Deny Action on: Ingress Interface SDEE Properties Maximum Subscriptions:* Maximum Aierts:* 200 Maximum Messages:* 200	
AAA Rules	IPS Config Location: Frash:/ps Max retries:] Triseout seconds between retries: 0	
		Save

注:ロケーションディレクトリがルータフラッシュにすでに作成されていることを確認し ます。そうでない場合は、mkdir <directory_name>コマンドを使用して、ロケーションデ ィレクトリを作成します。

- 16. IPSを有効にするには、[Interface Rules]に移動し、[**Enable IPS**]チェックボ**ックスを**オンに して、[**Add Row**]をクリック**します**。
- 17. [Add IPS Rule]ダイアログボックスで、[Rule Name]フィールドにIPSルールの名前を入力 し、[**Add Row]をクリックして、IPSを適用する必要があるインターフェイスを含めます。**

Clisco Security Manager - admin	Connexted to '172.25.90.8'	_101.
e Edit Yew Rolicy Map Iools	(Rep	
	9 ?	
Devices	Device: 172.25.90.33 Policy: Interface Rules	
		and the second second
Filter : none 🐱	Trable #5	
department	No. Rule Name ACL Name Interface (Direction)	
A Location		
* 🥶 Al		
172.25.90.33	ADD IPS Rule	
172.25.90.34	- Add/Edit IPS Rule	
	Data Name * Invited	
	Tour new Print	
	ACL Name: Select	
	Interface (Deaction) Deaction	
AAA Rules		
Access Rules		
G Inspection Rules		
E Settings		
Transparent Rules		
Web Filter Rules		
8 195	Add Row	
🗇 Signatures		
Event Actions	OK Cancel Help	
General Settings		
Disterface Rules		
MAT		
Site to Site VPN		
Remote Access VPN		
B SSL VPN		
Interfaces		
E Platform		
FlexConfigs		

18. IPSルールを適用する方向を示すオプションボタンをクリックし、[**Select**]をクリックして 適切なインターフェイスを選択します。

Adding Pair				2
Direction:*				
OIn	Oout		Both	
Interfaces:*			Select	
		OK	Cancel	Help

19. 「インタフェース・セレクタ」リストからインタフェースを選択し、「**OK**」をクリ**ックし**

F	iter : none	~
Г	Dot11Radio0	
	FastEthernet0	
	FastEthernet1	
	FastEthernet2	
	FastEthernet3	
	FastEthernet4	
	Wan1	
	All-Interfaces	
	External	
	L Internal	
Sele	ected:	
Vla	n1	
-		
	00	

20. [Save] をクリックして変更を保存します。



21. [Tools] > [Apply IPS Update]を選択して、最新のIPSシグニチャをインストールします。

🖉 🗐 💽 🐎 🖪 📗	Device Properties				
	Pgkcy Object Manager	are Pules			
Derkes	Site-To-Site YPN Manager		and the second se		
Nter : none 💌	Deployment Manager				
Department	Policy Digcovery Status	ACL Name	Interface (Deection)	and the second se	
Location	Show Containgent		Vian1 (both)		
AI I	Inventory Status				
172.25.90.33	Catalyst Summary Info				
172.25.90.34	Device Manager				
	IPS Event Vieger				
	Apply IPS (Jodate				
	Preview Configuration				
	Device OS Management				
AAA Rules	Audt Beport				
Access Pules	Change Reports				
Settions	Configuration Archive				
Transparent Rules	Eachup				
Web Filter Rules	Security Manager Disprostics				
1 195	Security Manager Administration				
Signatures	Acard Hallaha Harrisonana				
Event Actions					
General Settings	1				
Interface Rules					
j NAT					
Remote Access VPN					
SSL VPN					
Interfaces					
Platform					
FlexConligs					

22. 最新の署名ファイルを選択し、[Next]をクリックします。

pdates Download	ed:			Update Status	
Type: Signatu	re Updates 🖌 🗸			Latest Available:	IPS-CS-MGR-sig-S282-req-E1.zip
hand be three house	File	Sig.	Engine	Latest Downloaded:	IPS-CS-MGR-sig-5282-req-E1.zip
IPS-CS-MGR-sig-S	278-req-E1.zip	278	1	Latest Deployed:	IPS-CS-MGR-sig-5282-reg-E1.zp IPS-CS-MGR-sig-5282-reg-E1.zp
IPS-CS-MGR-sig-S	280-req-E1.zip	280	1	Last Checked On:	Apr 19 2007 10:46:37
IPS-CS-MGR-sig-S	282-req-E1.zip	282	1	Last Downloaded On Last Deployed On:	Apr 19 2007 10:45:48 Apr 23 2007 17:56:38
					Check For Updates
					Download Latest Updates
Update Details				1	
File: Description:	IPS-CS-MGR-si IPS-CS-MGR-si	g-5282-req-E1.zip g-5282-req-E1.zip			
Date: Release:	Apr 19 2007 \$282	Size: Required Engine Le	3.8MB evel: E1		
			Back	Next	Finish Cancel

23. IPSアップデートを適用するデバイスを選択し、[Next]をクリック**します**。

Type: Local Signatures Policies	172.25.90.33
 Department Location Al Sign 172.25.90.33 172.25.90.33 	
Select All Deselect All	

24. [**Finish**]をクリックして、シグニチャを適用します。

m	64	Marra Marra	Artions	Eaumritu	Eidalba	Saure	Frahlad	Dirk
1000	0	IP options-Bad Option List	Produce Alert	Informational	75	Default	true	18
1001	1/1	IP options-Record Packet Route	Produce Alert	henoideimonal	////01/	Default	1// 1/2015/	1/26/
1092	0	IP options-Timestamp	Produce Alert	Infomiational	100	Default	Ealea	3
1003	0	IP options-Provide s, c, h, tcc	Produce Alert	Infomiational	100	Oefault	false	3
1095	0	IP options-Loose Source Route	Produce Alert	High	100	Oefault	Ealsa	100
1095	0	IP options-SATNET ID	Produce Alert	Informational	100/	Oefault	Ealsa	25
1006	0	IP options-Strict Source Route	Produce Alert	High	100	Default	true	100
<								
								2

25. [IPS]に移動し、[Signatures] を選択してすべてのシグニチャのリストを表示します。

esikes	Device:	172.25.9	0.33 Policy: Signatures					
Rer : none		ier: (no	ze -)					
Department			× (Apply	Cea	
Jucation	D	Sub	ligibili dialicii. Norse si dialicii chi chi	dis introductioning Actions reliable	Severity	Fidelity	Source	٩,
AI .	1000	0	IP options-Bad Option List	Produce Alert	Informational	75	Default	1
172.25.90.33	1002	10/1	IP options-Record Pecket Route	Produce Aiert	Informational	100	Datast	R
	102	0	IP options-Telestamp	Produce Wert	Informational	100	Defect	
	1052	0	IP options=Provide 6, c, h, http://www.api.org/	Produce Alert	Moniation#	100	Owner	
	1005	0	JP optimis-Loose Source Route	Produce Alert	1400	100	Defailt	
	105	0	IP options SATINET ID	Produce Alert	Informational	100	Datast.	
	1005	0	IP options-Strict Source Route	Produce Alert	High	100	Default	
Frend	1002	1181	Hod over Port	(Piokice Alert / / / / / / / / / / / / / / / / / / /	kroteinine ///	1/ 605	hieros)	
Arrans Bulas	1101	0	Unknown IP Protocol	Produce Alert	Informational	75	Default	1
Inspection Rules	1102	0	Impossible IP Packet	Produce Alert	High	100	Default	
8 Settings	1104	0	IP Localhost Source Spool	Produce Alert	High	100	Default	
Transparent Rules	1102	1161	All IIII Addresses Seen	(Produce alert () () () () () ()	Anotecinia ///	1// 601	hieles.	s
Web Filter Rules	1108	0	IP Packet with Proto 11	Produce Alert	Hah	100	Defailt	1
P5	1104	1160	Gaco 305 Interface Dos	()))))))// hala adade)))	111 464(11)	111160	Deter.	
Signatures ED Event Actions	1100	666	Gara KOS Interface DeS	Pindure dimit	the second	299	and	
General Settings	1100	999	Claro NOS brandara Dell	District first		9999	and	
Therface Rules	1100	689	Chen Kill heading has	Dind or dard	11111111	1399	022	đ
NAT	14.00	121	Cherry NO assistant AD	Manager and	1 June 1	1200	and .	
Site to Site VPN	100	1611	The Liebudic Cohode (11/1/1/1/1/1/1/	[back hacing multi suborch seed.]	111 Hickory	1406/11.	(bashed)	S.
Remote Access VPN	1202	0	IP Pragment Overrun - Datagram Too Long	Deny Packet Inline, Produce Alert	High	100	Default	ł
SSL VPN	1							2
Interfaces					View Update Level		20	

26. IOSルータにIPSを導入するには、[**File] > [Submit and Deploy]**の順に選択します。

New Device Col+N	3.?				10	
gone Device	Device: 172.25.	10.33 Policy: Signatures				
Delete Device						
Save Calify	Piter: (- r	one -)			Lunks	1000
New Changes		A REAL PROPERTY AND A REAL	Atter	Seat.	Entelley	Energ
Terosos C pest	1000 0	Protons-fiel Option Lat	Produce Nert	Informational	75	Default of
Schend and Darkey	1101 660	111111 delate tales to a for a	1111111111444441	Sected and	11166	nacen
Depky	1 and	10 optimizer Theorem Internet	Discharge Glant	and the second second	100	man
Discard	Sec.	12 optimized from the size hard	Produce flag	and and a second	100	and
Edit Device Groups	1 mar	The opening of the second s	Producer stars	a contraction	See. 1	1999
Neg Device Group	1000	In shore roose source worke	Produce Here	Mag	100	Cana
Add Devices to Gosup	1466/61	1. hours while the full full fill for the for	(Isloped had ()))))))))	Muddledde	406/11	(carded)
Bitt ChileP	1006 0	D* options-strict source Houte	Produce Alert	High	100	Default
E.R 0x4+0	4005/6/	1 hoboka hok 11111111111111111	() blogrea ward () () () () ()	11/ Haldad	166/1	baland
PRCC030 #10479	1101 0	Unknown IP Protocol	Produce Nert	Informational	75	Default
Dispection Rules	1102 0	Impossible IP Packet	Produce Alert	High	100	Default
E Settings	1104 0	IP Localhost Source Spool	Produce Alert	High	100	Default
Web Filter It des	100 0	RFC 1918 Addresses Seen	Produce Alert	historiational	100	Cutait
PS	1105 0	IP Packet with Proto 11	Produce Alert	High	100	Default
Signatures =	1109 0	Gado JOS Interface DoS	Produce Wert	Nedun	11/18	Catal
Event Actions	3102 1	Gaco 305 Interface Do5	Produce Alert	Medun	8/11	Datast
General Settings	1102 2/	Glaco JOS Interface DoS	Produce filert	// minuter //	11/8	Cular
Interface Rules	1102 3	Gisco 305 Interface DoS	Produce Alert	Nedan	1/18	Default
NAT Status Status	1201 0	IP Fragment Overlap	Deny Packet Inine, Produce Hert	heckeret.	100	Outsut
Repote Access VPN	1202 0	IP Fragment Overrun - Datagram Too Long	Deny Packet Inline, Produce Alert	High	100	Default [
SSL VPN	<	-				>
Interfaces				View Update Level		
Platform 🗸				and the second se		

27. 変更をデプロイするデバイスを選択し、「デプロイ」をクリ**ックします**。

 Changed Devices 				
2 🚱 172.25.90.33				
Edit depl	loy method	Add	other device	es
Edit depl	loy method	Add	other device	es
Edit depl	loy method Deplov	Add	other device	es lo

28. 展開ステータスを表示して、エラーがあるかどうかを確認します。

			_		
	and the second				
Status:	Deploy	ed (1 out of 1 devices cor	npleted.)		
Deployment Job Name:	admin_	job_2007-04-24 10:53:10	.468		
Devices To Be Deployed:	A. 1				
Devices Deployed Soccessiv Devices Deployed With Erro	uny. x us: 0				
Deployment Details (1/1 lo	aded)				
Device	Status	Summary	Method	Config	Transcript
					AT 12
172.25.90.33 9000	TEDED	🔊 Warning: 2	Device	4	Ŷ
172.25.90.33 5000	TEDED	A Warning: 2	Device	¢,	Q
172.25.90.33 9000	TEDED	Warning: 2	Device	9	Q
172.25.90.33 SUCC Messages	YEEDED	Warning: 2	. Device scription >>> Difference of file "C:\PROG	SRA-1\CSCOpx\MDC\ter	% mpl/2007.04.24_10.53.
172.25.90.33 SUCC Messages Dut of Band Change: CLI	YEDED	Warning: 2	Device scription >>> Difference of file "C:\PROG 5_job_admin_job_2007-04-24 10,	RA~1)(CSCOpx/IMDC)ter _53_10_468/[phase1]1 CSCAp+1/CSCOpx/IMDC]ter	\$0 mpl/2007.04.24_10.53, 72_25_00_33_429498 hearol 2007.04.24_10.5
172.25.90.33 SUCC Messages Sut of Band Change: CLI Speration Successful	ZEDED	Warning: 2	Device scription >>> Difference of file "C:\PROG 5)ob_admin_job_2007-04-24 10 40)diff_archived" and file "C:\PRO 40)diff_archived" an	RA~1\CSCOpx\MDC\ter _53_10_468\(phase1)1 DGRA~1\CSCOpx\MDC\ 10_53_10_468\(phase1)	<pre>mp\2007.04.24_10.53. 72_25_90_33_429498 temp\2007.04.24_10.5 \172_25_90_33_42949</pre>
172.25.90.33 SUCC Messages Dut of Band Change: CLI Operation Successful ig update compilation warning	YEDED	Warning: 2	. Device escription >>> Difference of file "C:\PROG 5_job_admin_job_2007-04-24 10, 40\/dlff_archived" and file "C:\PRO 15_job_admin_job_2007-04-24 10 0740\/dlff_uploaded".	RA~1\CSCOpx\MDC\ter S3_10_468\lphase1\1 DGRA~1\CSCOpx\MDC\ter 10_53_10_468\lphase1	mp\2007.04.24_10.53 72_25_90_33_4294980 temp\2007.04.24_10.5 \172_25_90_33_42949
172.25.90.33 SUCC Messages Out of Band Change: CLI Operation Successful Ag update compilation warning Ag update engine compilation st	EEDED s	Warning: 2	Device iscription >>> Difference of file "C:\PROG 5_job_admin_job_2007-04-24 10 40\diff_archived" and file "C:\PRO 15_job_admin_job_2007-04-24 1 0740\diff_uploaded". 9a	P RA~1\CSCOpx\MDC\te _53_10_468\lphase1\1 DGRA~1\CSCOpx\MDC\ 10_53_10_468\lphase1	\$0 mp\2007.04.24_10.53. 72_25_90_33_429498(temp\2007.04.24_10.5 \172_25_90_33_42949
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<u>関連情報</u>

- <u>Cisco IOS 侵入防御システム (IPS) 製品 & サービス ページ</u>
- <u>5.x シグニチャ形式を使用した Cisco IOS IPS の導入</u>
- IPS 5.x シグニチャ形式のサポートおよびユーザビリテイ拡張
- <u>Cisco Intrusion Prevention System</u>
- <u>セキュリティ製品に関する Field Notices (CiscoSecure Intrusion Detection を含む)</u>
- ・<u>テクニカルサポート Cisco Systems</u>