





af#af a,ma,1a Sa@Ye;Ea a,CEa | a,,a, Cisco ASA a 3/4a Ya PIX a,a,1aftaf  
a,1/2af af a,|a,sa,c a @af af 1/4a,afsa fa, 'c c^a a TMa, a a a af af a,ma,1a @  
Command Line Interfacei^CLI; a,3afzaf faf%af a,maf  
a,maf fa,za f 1/4af a,sa,ma,1i 1/4%a «afa, a,maf a —a | a show version  
a,3afzaf faf%af, 'c TMe;Ea —a 3/4a TMa€, a,1/2af af a,|a,sa,c af af af 1/4a,1 7.2(2)10  
a CE c 1/4af a —a | a,,a, ASA a @a 3/4a, ae-ja c ma a —a 3/4a TMa€,

<#root>

```
ciscoasa#  
show version
```

Cisco Adaptive Security Appliance Software Version 7.2(2)10

Cisco Adaptive Security Device

Manageri^ASDMi 1/4%a, 'a 1/2 c " a —a | af af a,ma,1a, 'c @;c ta —a | a,,a, a a^ a a a, c  
a,|a,fa faf%af,|a @e; a 3/4a Ya ASDM  
a,|a,fa faf%af,|a @a | a, Sés... a «a€ ae-ja @a, ^a ta a af af TMaf «a saf af 1/4a, af sa fa CE

### PIX Version 7.2(2)10

e a 1/2 " a TMa, a, 1/2af af a,|a,sa,c af af 1/4a, af sa fa fa CE c 1/4af a —a | a,,a, Cisco ASA  
a S a, a 3 PIX a,,a, af af af ta, E  
a, caf —af a,ma, caf a,1a a a€ ae-ja @a,,a sa,CEa a a @e a @sa, a @Ye;Ea —a | a,,a, a

### LDAP è a è 1/4af a,maf a,1a @ è,, ta 1/4 ±ae S

Cisco PIX a 3/4a Ya ASA

af af a,ma,1a CE,, ta 1/4 ±a «a a, a, ±af 1/4a,1a a —a | a a€ ae-ja @ 2  
a ma @ è a @sa, af sa fa a, a CE a ~ a ce a —a 3/4a TMa€,

- Layer 2 Tunneling Protocoli^L2TP; af a,maf ma 2 af af fa af af a, a af —af af a, 3af i 1/4%  
LDAP è a è 1/4a, maf 1/4af a, a 1/2 c " a —a € PAP

a » ae ma a @ è a è 1/4af —af af a, 3af «a, a 1/2 c " a TMa, a, a ta «è a @sa a, CEa | a,,a, af ta  
è a @sa «a S a a, LDAP a, maf 1/4af af 1/4a @ae CE ta @sa a € CLI a, 3afzaf faf%  
aaa-server ldap server host <ip address> a, 'a 1/2 c " a —a | e;Ea,,a 3/4a TMa€,  
è a è 1/4af —af af a, 3af «a @ae CE ta @sa a € è a @sa @ tunnel-group <tunnel-  
group> ppp-attributes a,,a, a, af sa fa a ta... a S authentication <protocol>

a, 3afzaf faf%af, 'a 1/2 c " a —a | e;Ea,,a 3/4a TMa€,

è,, ta 1/4 ±a a af af a,ma,1a «a S a,,a | a€ a a @ è,, ta 1/4 ±ae S a «é- c e€ fa a TMa, è a @s

æ-;ã®è"å®šä¼ãšã-ã€è"¼ã,µãf¼ãfã LDAP  
ã"æĀ#å®šã•ã,Āã€è"¼ãf—ãfã^ã,³ãf«ã ms-chap-v2  
ã"æĀ#å®šã•ã,Āã€|ã,,ã¼ã™ã€,

```
aaa-server ldap_server protocol ldap  
aaa-server ldap_server host 192.168.1.100  
  timeout 5  
  ldap-scope onelevel
```

```
tunnel-group example_l2tp_group general-attributes  
  address-pool inside_addresses  
  authentication-server-group ldap_server
```

```
tunnel-group example_l2tp_group ppp-attributes  
  authentication ms-chap-v2
```

- ãfãfçãf¼ãf^ç®;çtã,çã,ã,»ã,¹

ãfãfçãf¼ãf^ç®;çtã,çã,ã,»ã,¹¼^telnetã€SSHã€HTTPI¼%ã,è"±ã-ã-ã€ã,ãf-ãf  
LDAP Authentication, Authorization, Accounting¼AAA;  
è"¼ã€è"ã-ã€ã,çã,«ã,|ãf³ãftã,£ãf³ã,°¼%ã,µãf¼ãfã,ã½ç"ã™ã,ã,^ãtã

LDAP ã,µãf¼ãfã-ã-ã€è"å®šãfã,ã,ããf«ãt...ã® aaa-server <server\_group> protocol  
ldap ã,³ãfžãf³ãf%ã® server\_group

ã"ã-ã-ã|å®šç¼ãã•ã,Āã|ã,,ã¼ã™ã€, é éš"ç®;çt

ã,çã,ã,»ã,¹ã®ãŸã,ã® LDAPè"è"¼

ã,µãf¼ãfã-ã,³ãfžãf³ãf%ã«ã,^ã£ã|ã€AAAè"¼{telnet

å®šç¼ãã•ã,Āã¼ã™ | SSH | http | ã,ãfã,çãf«}ã,³ãf³ã,½ãf¼ãf« server\_groupã€,

è,,tã¼±ãããfãfã,ã,¹ã«ãšã,,ã|ã€ã"ã®è,,tã¼±æ€šã«é-ç€£ã™ã,è"å®š

è"è"¼ã,µãf¼ãfãĀ LDAP ã"ã-ã|æĀ#å®šã•ã,Āã€SSH

ã«ã¼ã™ã,ãfãfçãf¼ãf^ç®;çtã,çã,ã,»ã,¹ã€è"±ã-ã-ã€ã,Āã|ã,,ã|ã€å®šç

LDAP AAA

ã,µãf¼ãfã«ã,^ã£ã|ã,ãf-ãfãf³ã,ã£ãfããĀæœæŸ»ã•ã,Āã,ã,^ãtã«ãã

```
ssh 192.168.1.2 255.255.255.255 inside
```

```
aaa-server ldap_server protocol ldap  
aaa-server ldap_server host 192.168.1.100  
  timeout 5  
  ldap-scope onelevel  
aaa authentication ssh console ldap_server
```

ãfã,¹ãfãf¼ãf%ãœŸ™ãĀĀè"å®šã•ã,ĀãŸ VPN  
ãšã®ã,µãf¼ãf"ã,¹æ'ã|

password-management tunnel-group

address-pool inside\_addresses

tunnel-group example\_group general-attributes
address-pool inside\_addresses
default-group-policy example\_group
password-management

tunnel-group example\_group general-attributes
address-pool inside\_addresses
default-group-policy example\_group
password-management password-expire-in-days 30

SSL VPN

SSL VPN

enable outside

SSL VPN

url-list ServerList "WSHAWLAP" cifs://10.2.2.2 1
url-list ServerList "FOCUS\_SRV\_1" https://10.2.2.3 2
url-list ServerList "FOCUS\_SRV\_2" http://10.2.2.4 3

webvpn

enable outside

webvpn

enable outside
url-list ServerList "WSHAWLAP" cifs://10.2.2.2 1
url-list ServerList "FOCUS\_SRV\_1" https://10.2.2.3 2
url-list ServerList "FOCUS\_SRV\_2" http://10.2.2.4 3

Firewall Services

Firewall Services

Modulei^4FWSMi^4%o

Cisco ASA PIX

enable outside

L2TP





## 翻訳について

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