

**RV016** **RV042** **RV042G** **Šã, ^ã ?<sup>3</sup>**  
**RV082 VPN** **ãf«ãf½ã, ¿ã, Šã ?§ VPN**  
**ã, -ãf©ã, ã, cãf³ãf^ç””** **ã?®ãf<sup>a</sup>ãfçãf½ãf^**  
**ã, cã, -ã, »ã, <sup>1</sup>**  
**ãf^ãf³ãf?ãf«i½^ã, -ãf©ã, ã, cãf³ãf^ã?<ã, %oã, <sup>2</sup>**

**ç>®çš,,**

**ã?“ã?®è ”~ã°ã?Šã?~ã€?ã, µãf½ãf%oãf'ãf½ãf†ã, fã?®VPNã, -ãf©ã, ã, cãf³ãf^ã, ½ãf•ãf^ã, |ã, Šã, cã? Green Bowã?¾ã?Ýã?`VPN  
Trackerã, à½ç””ã?—ã?|ã€?RV016** **ã?RV042** **ã?RV042G** **ã?Šã, ^ã ?<sup>3</sup>RV082**  
**VPNãf«ãf½ã, ¿ã, Šã ?®ã, -ãf©ã, ã, cãf³ãf^ã?<ã, %oã, <sup>2</sup>ãf½ãf^ã, |ã, Šã, ã?®ãf<sup>a</sup>ãfçãf½ãf^ã, cã, -ã, »ã, <sup>1</sup>ã, <sup>2</sup>ã**

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VPNã?~ã€?ãf<sup>a</sup>ãfçãf½ãf^ãf'ãf½ã, ¶ã?®ãf‡ãf?ã, ã, <sup>1</sup>ã, 'ãfãf-ãf<sup>a</sup>ãffã, -ãf?ãffãf^ãf½ã, -çµŒç"±ã

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- RV016
- RV042
- RV042G
- RV082

## [Software Version]

- v4.2.2.08

**VPNãf^ãf³ãf?ãf«ã?®è ” å®š**

**ã, 'ãf‡ãffãf— 1i½šWebè·å®šãf'ãf½ãf†ã, fãf<sup>a</sup>ãf†ã, fã?«ãfã, °ã, ã, cãf³ã?—ã€? [VPN] > [Client to Gateway] å?®é tã?«é?æŠžã?—ã?¾ã?™ã€, [Client to Gateway]  
ãfšãf½ã, ã?Œé-ã?ã?¾ã?™ã€,**

## Client To Gateway

### Add a New Tunnel

Tunnel       Group VPN

Tunnel No.:

1

Tunnel Name :

Interface :

WAN1

Enable :



### Local Group Setup

Local Security Gateway Type :

IP Only

IP Address :

0.0.0.0

Local Security Group Type :

Subnet

IP Address :

192.168.1.0

Subnet Mask :

255.255.255.0

### Remote Client Setup

Remote Security Gateway Type :

IP Only

IP Address

:

### IPSec Setup

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- ãƒ^ãƒ³ãƒ♦ãƒ«i¼šãƒ¤ãƒ¢ãƒ½ãƒ^ã, ·ãƒ³ã, °ãƒ«ãƒ'ãƒ½ã, ¶ã♦®ãƒ^ãƒ³ãƒ♦ãƒ«ã, 'èj"ã♦—ã♦¾ã♦™ã€,
- ã, °ãƒ«ãƒ¹4ãƒ—VPNi¼šãƒ|ãƒ½ã, ¶ã♦®ãƒ¤ãƒ¢ãƒ½ãƒ^ã, °ãƒ«ãƒ½ãƒ—ã♦®ãƒ^ãƒ³ãƒ♦ãƒ«ã, 'èj"ã♦—ã♦¾ã

## Client To Gateway

### Add a New Tunnel

Tunnel     Group VPN

Tunnel No.

1

Tunnel Name :

Interface :

WAN1

Enable :



### Local Group Setup

Local Security Gateway Type :

IP Only

IP Address :

0.0.0.0

Local Security Group Type :

Subnet

IP Address :

192.168.1.0

Subnet Mask :

255.255.255.0

### Remote Client Setup

Remote Security Gateway Type :

IP Only

IP Address



### IPSec Setup

[ãf^ãf³ãf♦ãf«ç•ªå♦·(Tunnel

Number)]ã♦ ã€♦ãf^ãf♦ãf«ã♦®ç•ªå♦·ã,'èj "ç¤ºã♦™ã,«è‡ªå<•ç"Ýæ^♦ãf·ã,£ãf¼ãf«ãf‰oã♦§ã♦™,

## Client To Gateway

### Add a New Tunnel

Tunnel     Group VPN

Tunnel No.

1

Tunnel Name :

tunnel\_1

Interface :

WAN1

Enable :

### Local Group Setup

Local Security Gateway Type :

IP Only

IP Address :

0.0.0.0

Local Security Group Type :

Subnet

IP Address :

192.168.1.0

Subnet Mask :

255.255.255.0

### Remote Client Setup

Remote Security Gateway Type :

IP Only

IP Address

:

### IPSec Setup

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Name]äf•ä,£äf¼äf«äf‰oä♦«äf^äf♦äf«ä♦®å♦♦å‰o♦ä,'å...¥åŠ>ä♦—ä♦¾ä♦™ä€,

ã, ¹äf†äffäf—

3i¼š[Interface]äf‰oäfaffäf—äf€ä,|äf³äf¤ä,¹äf^ä♦<ä,%oä€♦VPNäf^äf³äf♦äf«ä♦«ä½ç”“ä♦™ä,«é♦©å^‡ä

ã, ¹äf†äffäf—4:i¼^ä,^äf—ä,·äf§äf³i¼‰VPNä,’æœ‰oåŠ¹ä♦«ä♦™ä,<ä♦«ä♦—ä€♦[Enable]äf•ä,£äf¼äf«äf%

**äfäf¹/4ä,«äf«ä,°äf«äf¹/4äf—ä♦®è”å®š**

ã, ¹äf†äffäf— 1i¼š[Local Security Gateway]

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VPN]ä,’é♦,æŠžä♦—ä♦¥ä ’å♦^ä♦—ä€♦ä♦“ä♦®ä,¹äfaffäf—ä,‘ä,¹ä,äffäf—ä♦—ä♦¾ä♦™ä€,

## Client To Gateway

Add a New Tunnel

Tunnel     Group VPN

Tunnel No.

1

Tunnel Name :

tunnel\_1

Interface :

WAN1

Enable :



### Local Group Setup

Local Security Gateway Type :

IP Only

IP Address :

IP Only

Local Security Group Type :

IP + Domain Name(FQDN) Authentication

IP Address :

IP + Email Address(USER FQDN) Authentication

Subnet Mask :

Dynamic IP + Domain Name(FQDN) Authentication

255.255.255.0

Dynamic IP + Email Address(USER FQDN) Authentication

### Remote Client Setup

Remote Security Gateway Type :

IP Only

IP Address

IP Only

### IPSec Setup

Keying Mode :

IKE with Preshared key

- IP  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes
- Local Security Gateway Type: IP Only  
Local Security Group Type: IP + Domain Name(FQDN) Authentication  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes
- Remote Security Gateway Type: IP Only  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes
- IPsec Keying Mode: IKE with Preshared key

IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes

Local Security Gateway Type: IP Only  
Local Security Group Type: IP + Domain Name(FQDN) Authentication  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes

Remote Security Gateway Type: IP Only  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes

IPsec Keying Mode: IKE with Preshared key

IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes

Local Security Gateway Type: IP Only  
Local Security Group Type: IP + Email Address(USER FQDN) Authentication  
IP Address: 192.168.1.10  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.1.1  
Default Route: 192.168.1.1  
Tunnel No.: 1  
Tunnel Name: tunnel\_1  
Interface: WAN1  
Enable: Yes

**Client To Gateway**

Add a New Tunnel

Tunnel No. : 1

Tunnel Name :

Interface :

Enable :

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**Local Group Setup**

Local Security Gateway Type :

IP Address : 0.0.0.0

Local Security Group Type : 

Subnet  
IP  
Subnet  
IP Range

IP Address :

Subnet Mask : 255.255.255.0

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**Remote Client Setup**

Remote Security Gateway Type :

IP Address :

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**IPSec Setup**

Keying Mode :

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— ã, †ãf†ãffãf— 1i<sup>1</sup>/<sub>4</sub>š[Tunnel]— ’é♦, æŠžã♦— ã♦Ýå ‘å♦^ã♦— ã€♦[Remote Security Gateway Type]

**Client To Gateway**

Add a New Tunnel

Tunnel       Group VPN

Tunnel No.	1
Tunnel Name :	tunnel_1
Interface :	WAN1
Enable :	<input checked="" type="checkbox"/>

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**Local Group Setup**

Local Security Gateway Type :	IP Only
IP Address :	0.0.0.0
Local Security Group Type :	Subnet
IP Address :	192.168.1.0
Subnet Mask :	255.255.255.0

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**Remote Client Setup**

Remote Security Gateway Type :	IP Only <b>IP Only</b> IP + Domain Name(FQDN) Authentication IP + Email Address(USER FQDN) Authentication Dynamic IP + Domain Name(FQDN) Authentication Dynamic IP + Email Address(USER FQDN) Authentication
IP Address :	<input type="text"/>

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**IPSec Setup**

Keying Mode :	IKE with Preshared key
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— ē♦, æŠžā♦ — ā♦Yā ’ā ^ā♦ — ā€♦[IP Address]  
āf@ā, āfj<sup>1</sup>/4āf«āf‰ā♦<sup>2</sup>[āf<sup>1</sup>āfçāf<sup>1</sup>/4āf<sup>1</sup>ā, āf©ā, āf<sup>3</sup>āf<sup>1</sup>ā♦®IPā, āf‰āf<sup>1</sup>ā, <sup>1</sup>ā, āf<sup>1</sup>ā]

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Only IP + Domain Name (FQDN) Authentication IP + E-mail Address (USER FQDN)

- IP address resolution via DNS
    - Resolved IP address: 192.168.1.100

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[Dynamic IP + Domain Name (FQDN) Authentication]

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name]ãƒ·ã, ãƒ·%4ãƒ·«ãƒ%oãš «IPã, ç·ãƒ%oãƒ·ã, 1ã · Rãƒ%oãƒ·ã, ã·ãƒ³å·ã·ã, 'ã...¥ãš·ãš·—ã·ã·¾ã·™ãæ,

[ä, äf†äffäf—5i¼äš, äf†äffäf—ä§\[IP + E-mail Address\(USER FQDN\) Authentication\]](#)

— [Dynamic IP + E-mail Address(USER FQDN) Authentication]

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Address] æf·ã, fãf%4æf«ãf‰æ ð»é»å ðæf·ãf%4æf«ã, Cãf‰æf-ã, ¹ã, 'ã... ¥åš, ã ð—æ ð¾4æ ð™ãé,

æ‰œé † 6i¼š[Group]ã, 'é◊, æŠžã◊—ã◊Ýå `å◊^ã◊—ã€◊[Remote Client]

**Client To Gateway**

Add a New Group VPN

Tunnel       Group VPN

Group No.	1
Tunnel Name :	Tunnel_2
Interface :	WAN2
Enable :	<input checked="" type="checkbox"/>

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**Local Group Setup**

Local Security Group Type :	Subnet
IP Address :	192.168.1.0
Subnet Mask :	255.255.255.0

---

**Remote Client Setup**

Remote Client :	<input type="button" value="Microsoft XP/2000 VPN Client"/> <input type="button" value="Domain Name(FQDN)"/> <input type="button" value="Email Address(USER FQDN)"/> <input style="background-color: #0070C0; color: white; border: 1px solid #0070C0;" type="button" value="Microsoft XP/2000 VPN Client"/>
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**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 1 - 768 bit

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# IPSecã?®è“å®š

## Internet Protocol

Security i/4 IPSec i/4 a, xaf3a, af1/4 af ♦ affaf^af—afaf^a, ^af«a, »a, af¥af^afta, f1/4%o a ♦ -a€♦ä»»æ,,♦ä♦®é

# æ³ i¹/₄šVP

## Forward

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Subnet Mask :	255.255.255.0
<b>Remote Client Setup</b>	
Remote Security Gateway Type :	IP Only
IP Address :	192.168.1.2
<b>IPSec Setup</b>	
Keying Mode :	<input type="button" value="IKE with Preshared key"/> <input type="button" value="Manual"/> <input checked="" type="button" value="IKE with Preshared key"/>
Phase 1 DH Group :	Group 1 - 768 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	MD5
Phase 1 SA Life Time :	28800 seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES
Phase 2 Authentication :	MD5
Phase 2 SA Life Time :	3600 seconds
Preshared Key :	<input type="text"/>
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	
<input type="button" value="Advanced +"/>	

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♦®è”å®š

$\tilde{a}, {}^1\tilde{a}f^\dagger \tilde{a}ff\tilde{a}f - 1i^{1/4}\check{s}$  [Incoming SPI]

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Security Payload

Security Payload  
Protocol(ESP)ãf~

„d> d> Sa...#d> d> Sa<>d> /4d> dt,dj,dj /4d,<>dj<>dj /4d,< d> /5< Edz,|Sf1d> dt<>aj

$\bar{a}, \bar{a}f + \bar{a}ff\bar{a}f - 2i^{1/4}\bar{s}$ [Outgoing SPI]

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EST 1972

**Remote Client Setup**

Remote Security Gateway Type : IP Only

IP Address : 192.168.1.2

**IPSec Setup**

Keying Mode : Manual

Incoming SPI : 100A

Outgoing SPI : 1BCD

Encryption : DES

Authentication : MD5

Encryption Key :

Authentication Key :

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- DES:Data Encryption

Standardi¼^DESi¼»ãf‡ãf¼ã,¿æš—å¢·è | ¢æ ¼i¼%oã¢§ã¢—ã¢ãf‡ãf¼ã,¿æš—å¢·åŒ-ã¢«56ãf”ã

- 3DES:Triple Data Encryption

Standard(3DES)ã¢—ã¢168ãf”ãffãf^ã¢®ã,·ãf³ãf—ãf«ã¢æš—å¢·åŒ-æ-¹å¼¢ã¢§ã¢™ã€,3D

**IPSec Setup**

Keying Mode : Manual

Incoming SPI : 100A

Outgoing SPI : 1BCD

Encryption : DES

Authentication : MD5

Encryption Key :

Authentication Key :

ã, ¹ãf†ãffãf— 4i¼š[Authentication]

ãf‰oãfãfãfãf—ãf€ã,|ãf³ãfªã,¹ãf^ã¢ã<ã,%oã€¢ãf‡ãf¼ã,¿ã¢«é¢©å^‡ã¢æ'è ''¼æ-¹å¼¢ã,'é¢,æŠžã¢—

- MD5:Message Digest Algorithm-

5(MD5)ã¢—ã¢ãf¢ã,§ãffã,—ã,µãf è ''^ç®—ã¢«ã,^ã¢£ã¢ | æ,^æ,,ã¢®ã¢,ã,æ"»æ'fã¢<ã,%oã

- SHA1:Secure Hash Algorithm version

1(SHA1)ã¢—160ãf”ãffãf^ã¢®ãf¢ãffã,—ãf¥é-¢æ•°ã¢§ã€¢MD5ã,^ã,§ã,,å®%oå... ''ã¢§ã¢™ã¢

IPSec Setup	
Keying Mode :	Manual
Incoming SPI :	100A
Outgoing SPI :	1BCD
Encryption :	DES
Authentication :	MD5
Encryption Key :	MD5 SHA1
Authentication Key :	

$\tilde{a}, \tilde{a}f^\dagger \tilde{a}ff\tilde{a}f - 5i^{1/4}\check{s}$  [Encryption Key]

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æ‰œé † 6i¼š[Authentication Key]

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IPSec Setup	
Keying Mode :	<input type="text" value="Manual"/> <input type="button" value="▼"/>
Incoming SPI :	<input type="text" value="100A"/>
Outgoing SPI :	<input type="text" value="1BCD"/>
Encryption :	<input type="text" value="DES"/> <input type="button" value="▼"/>
Authentication :	<input type="text" value="MD5"/> <input type="button" value="▼"/>
Encryption Key :	<input type="text" value="ABC12675BC0ACD"/>
Authentication Key :	<input type="text" value="AC67BCD00A12876CB"/>

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$\tilde{a}, {}^1\tilde{a}f^\dagger \tilde{a}ff\tilde{a}f - 1i^{1/4}\check{s}$  [Phase 1 DH Group]

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DHä, öäf«äf¼äf—ä, 'é♦ æŠžä♦—ä♦ ¾ä♦™ä€, äf•ä, §äf¼ä, °1ä♦—ä€♦ äf^äf³äf♦äf«ä♦®ä,jç«—ä♦®é—"ä

Hellman(DH) ã€ƒãƒ•ã, ãšãƒ¼ã, °1ã€®é–“ã«ã, ãƒ¼ã€®ã¼·ã°|ã, ‘æ±ºã®šã™ã, <ã€¥ã, ã«ã½¿ç

**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	<input type="button" value="Group 1 - 768 bit"/> <input checked="" type="button" value="Group 1 - 768 bit"/> <input type="button" value="Group 2 - 1024 bit"/> <input type="button" value="Group 5 - 1536 bit"/>
Phase 1 Encryption :	DES
Phase 1 Authentication :	MD5
Phase 1 SA Life Time :	28800 seconds
Perfect Forward Secrecy :	<input type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES
Phase 2 Authentication :	MD5
Phase 2 SA Life Time :	3600 seconds
Preshared Key :	<input type="text"/>
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	<div style="width: 100px; background-color: #ccc; border: 1px solid black; height: 10px; margin-bottom: 5px;"></div> <div style="width: 100px; background-color: #f00; border: 1px solid black; height: 10px;"></div>
<b>Advanced +</b>	

DES:Data Encryption  
Standard(DES) 64bit key  
3DES:Triple Data Encryption  
Standard(3DES) 168bit key  
AES-128:Advanced Encryption  
Standard(AES) 128bit key  
AES-192:Advanced Encryption  
Standard(AES) 192bit key  
AES-256:Advanced Encryption  
Standard(AES) 256bit key

- DES:Data Encryption  
Standard(DES) 64bit key
- 3DES:Triple Data Encryption  
Standard(3DES) 168bit key
- AES-128:Advanced Encryption  
Standard(AES) 128bit key
- AES-192:Advanced Encryption  
Standard(AES) 192bit key
- AES-256:Advanced Encryption  
Standard(AES) 256bit key

**IPSec Setup**

Keying Mode :	IKE with Preshared key	<input type="button" value="▼"/>
Phase 1 DH Group :	Group 1 - 768 bit	<input type="button" value="▼"/>
Phase 1 Encryption :	<input type="button" value="DES"/> <input checked="" type="button" value="DES"/> <input type="button" value="3DES"/> <input type="button" value="AES-128"/> <input type="button" value="AES-192"/> <input type="button" value="AES-256"/>	
Phase 1 Authentication :	<input type="button" value="MD5"/>	
Phase 1 SA Life Time :	<input type="button" value="3600 seconds"/>	
Perfect Forward Secrecy :	<input type="checkbox"/>	
Phase 2 DH Group :	Group 1 - 768 bit	<input type="button" value="▼"/>
Phase 2 Encryption :	<input type="button" value="DES"/>	
Phase 2 Authentication :	<input type="button" value="MD5"/>	
Phase 2 SA Life Time :	3600	seconds
Preshared Key :	<input type="text"/>	
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable	
Preshared Key Strength Meter :		
<input type="button" value="Advanced +"/>		

ã, ţ, Ÿ, Ž— 3ii¼š[Phase 1 Authentication]

- MD5:Message Digest Algorithm-5(MD5)→  
SHA1:Secure Hash Algorithm ver 1(SHA1)→  
160bit hash

## IPSec Setup

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 1 - 768 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	MD5 MD5 SHA1
Phase 1 SA Life Time :	<input type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES
Phase 2 Authentication :	MD5
Phase 2 SA Life Time :	3600 seconds
Preshared Key :	<input type="text"/>
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	<div style="width: 100px; background-color: #ccc; border: 1px solid black; height: 10px;"><div style="width: 20%; background-color: red;"></div></div>
<input type="button" value="Advanced +"/>	

ã, 'ãf†ãffãf— 4i¼šPhase  
1ã,ãf¼ã♦Œæœ%oåŠ¹ã♦§ã€♦VPNãf^ãf³ãf♦ãf«ã♦Œã,çã,—"ãftã,£ãf—ã♦®ã♦¾ã♦¾ã♦§ã♦,ã,<æ™,é—  
1 SA Life Time] ãf•ã,£ãf¼ãf«ãf%oã♦«ã...¥åŠ›ã♦—ã♦¾ã♦™ã€,

ã, 'ãf†ãffãf— 5i¼šã,ãf¼ã♦®ã¿è·ã,'å¼·åŒ-ã♦™ã,<ã♦«ã♦—"ã€♦[Perfect Forward Secrecy]  
ãf♦ã,§ãffã,—"ãfœãffã,—"ã, 'ã, "ãf³ã♦«ã♦—ã♦¾ã♦™ã€,ã♦"ã♦®ã, "ãf—ã, ·ãf§ãf³ã, "ã½ç" "ã♦™ã, <ã♦?

## IPSec Setup

Keying Mode :	IKE with Preshared key	<input type="button" value="▼"/>
Phase 1 DH Group :	Group 2 - 1024 bit	<input type="button" value="▼"/>
Phase 1 Encryption :	DES	<input type="button" value="▼"/>
Phase 1 Authentication :	SHA1	<input type="button" value="▼"/>
Phase 1 SA Life Time :	27600	seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>	
Phase 2 DH Group :	Group 1 - 768 bit	<input type="button" value="▼"/>
Phase 2 Encryption :	DES	<input type="button" value="▼"/>
Phase 2 Authentication :	MD5	<input type="button" value="▼"/>
Phase 2 SA Life Time :	3600	seconds
Preshared Key :	<input type="text"/>	
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable	
Preshared Key Strength Meter :		
<input type="button" value="Advanced +"/>		

æ‰œé † 6i¼š [Phase 2 DH Group]

DHä, öf«äf¼äf—ä, é◊, æŠžä◊—ä◊¾ä◊™ä€, äf•ä, Säf¼ä, °2ä◊§ä◊—ä€◊ä, »ä, äf¥äfªäftä, fä, çä, ½ä, ·ä,

**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 2 - 1024 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	SHA1
Phase 1 SA Life Time :	27600 seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>
Phase 2 DH Group :	<input type="button" value="Group 1 - 768 bit"/> <input style="background-color: #0070C0; color: white; border: 1px solid black; font-weight: bold;" type="button" value="Group 1 - 768 bit"/> <input type="button" value="Group 2 - 1024 bit"/> <input type="button" value="Group 5 - 1536 bit"/> <input type="button" value="MD5"/>
Phase 2 Encryption :	
Phase 2 Authentication :	
Phase 2 SA Life Time :	3600 seconds
Preshared Key :	<input type="text"/>
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	<div style="width: 100px; height: 10px; background-color: #ccc; border: 1px solid #ccc; margin-bottom: 5px;"></div> <div style="width: 100px; height: 10px; background-color: #0070C0; border: 1px solid #ccc; margin-bottom: 5px;"></div> <div style="width: 100px; height: 10px; background-color: #ccc; border: 1px solid #ccc; margin-bottom: 5px;"></div> <div style="width: 100px; height: 10px; background-color: #ccc; border: 1px solid #ccc; margin-bottom: 5px;"></div> <div style="width: 100px; height: 10px; background-color: #ccc; border: 1px solid #ccc; margin-bottom: 5px;"></div>
<input type="button" value="Advanced +"/>	

æ‰œé † 7i¼š[Phase 2 Encryption]

ãf‰œäfäf fäf—äf€ä, läf³äfä, 1äf^äœä, %œä€♦ä, äf½ä, 'æš—å♦·åŒ-ä♦™ä, <ä♦Ýä, ♦ä♦®é♦©å^‡ä♦ä[Pha  
2

Encryption]ä,'é♦, æŠzä♦—ä♦¾ä♦™ä€, æœ€ä,, å®‰œå... "ä♦æš—å♦·åŒ-æ-¹å¼♦ä♦§ä♦, ä, <AES-  
256ä♦ŒæZ" å¥" ä♦•ä,Œä♦¾ä♦™ä€, VPNäf^äf♦äf«ä♦§ä♦—ä♦œä, jç" ä♦§ä♦Œä♦~æš—å♦·åŒ

- DES:Data Encryption  
Standardi¼^DESi¼äf‡äf¼ä, çæš—å♦·è | ♦æ ¼i¼‰œä♦§ä♦—ä♦œäf‡äf¼ä, çæš—å♦·åŒ-ä♦«56äf"ä
- 3DES:Triple Data Encryption  
Standard(3DES)ä♦—ä€♦168äf"äffäf^ä♦®ä, äf³äf—äf«ä♦æš—å♦·åŒ-æ-¹å¼♦ä♦§ä♦™ä€, 3D
- AES-128:Advanced Encryption  
Standard(AES)ä♦—ä€♦10ä, µä, äf«ä♦®ç¹°ä, Šè"ä♦—ä♦œä, ^ä♦œä | äf—äf—äf¼äf³äftä, ä, 1ä
- AES-192:Advanced Encryption  
Standard(AES)ä♦—ä€♦12ä, µä, äf«ä♦®ç¹°ä, Šè"ä♦—ä♦œä, ^ä♦œä | äf—äf—äf¼äf³äftä, ä, 1ä, 192ä♦—AES-128ä, ä, Sä,, å®‰œå... "ä♦§ä♦™ä€,
- AES-256:Advanced Encryption  
Standard(AES)ä♦—ä€♦äf—äf—äf¼äf³äftä, ä, 1äf^ä, '14ä, µä, äf«ç¹°ä, Šè"ä♦—ä♦ | æš—å♦·äftä, 256ä♦—ä€♦æœ€ä,, å®‰œå... "ä♦æš—å♦·åŒ-æ-¹å¼♦ä♦§ä♦™ä€,

**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 2 - 1024 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	SHA1
Phase 1 SA Life Time :	27600 seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES NULL <b>DES</b> 3DES AES-128 AES-192 AES-256
Phase 2 Authentication :	
Phase 2 SA Life Time :	
Preshared Key :	
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	
<a href="#">Advanced +</a>	

ã, 1ãf†ãffãf— 8i!4š[Phase 2 Authentication]

ãf‰oãfãffãf—ãf€ã,|ãf³ãfã, 1ãf^ã $\blacktriangleleft$ ã,‰oé♦©å^‡ã♦^æ^è^“^ç®—ã $\blacktriangleleft$ «ã, ^ã♦£ã♦|^æ, ^æ„♦ã♦®ã♦,ã, $\blacktriangleleft$ æ”»æ'fã♦<ã,‰oã

- MD5:Message Digest Algorithm-5(MD5)ã♦—ã€♦ãf♦ã,§ãffã,—ã,µãf è “^ç®—ã $\blacktriangleleft$ «ã, ^ã♦£ã♦|^æ, ^æ„♦ã♦®ã♦,ã, $\blacktriangleleft$ æ”»æ'fã♦<ã,‰oã
- SHA1:Secure Hash Algorithm version 1(SHA1)ã♦—160ãf“ãffãf^ã♦®ãf♦ãffã,—ãf¥é-çæ•°ã♦§ã€♦MD5ã,^ã,Šã,,å®‰oå... “ã♦§ã♦™ã♦ç
- Nulli^çè^“^ç®—ã $\blacktriangleleft$ “^ç”“ã $\blacktriangleleft$ •ã,Œã♦^çã♦>ã,“ã€,

**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 2 - 1024 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	SHA1
Phase 1 SA Life Time :	27600 seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES
Phase 2 Authentication :	MD5
Phase 2 SA Life Time :	27600 seconds
Preshared Key :	<input type="text"/>
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	<div style="width: 100px; height: 10px; background-color: #ccc; border: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100px; height: 10px; background-color: red; border: 1px solid black;"></div>
<a href="#">Advanced +</a>	

Phase 2 SA Life Time — 27600 seconds

Preshared Key Complexity — 11 characters [Minimum Preshared Key Complexity]

Strength Meter — 100% (red)

Strength Meter — 100% (red)

Strength Meter — 100% (red)

**IPSec Setup**

Keying Mode :	IKE with Preshared key
Phase 1 DH Group :	Group 2 - 1024 bit
Phase 1 Encryption :	DES
Phase 1 Authentication :	SHA1
Phase 1 SA Life Time :	27600 seconds
Perfect Forward Secrecy :	<input checked="" type="checkbox"/>
Phase 2 DH Group :	Group 1 - 768 bit
Phase 2 Encryption :	DES
Phase 2 Authentication :	MD5
Phase 2 SA Life Time :	34005 seconds
Preshared Key :	ABC34589BCAD
Minimum Preshared Key Complexity :	<input checked="" type="checkbox"/> Enable
Preshared Key Strength Meter :	
<b>Advanced +</b>	

æ, !æf†æffæf— 12[Save] æ, 'æ, -æfæffæ, -æ♦—æ♦!æ€♦è"å®šæ,'æ♦å~æ♦—æ♦¾æ♦™æ€,

æ°<æ‰♦å...±æœ%oæ,æf¼æfçæf¼æf‰oæ,'æ½ç""æ♦—æ♦Ýé«~å°!æ♦³IKEæ♦®è"å®š

æ, !æf†æffæf— 1i½[Advanced]

æ, 'æ, -æfæffæ, -æ♦—æ♦!æ€♦æ°<æ‰♦å...±æœ%oæ,æf¼æ,'æ½ç""æ♦—æ♦ÝIKEæ♦®è©³ç'°è"å®šæ,'è¡"çæo

**Advanced -**

**Advanced**

- Aggressive Mode
- Compress (Support IP Payload Compression Protocol(IPComp))
- Keep-Alive
- AH Hash Algorithm MD5
- NetBIOS Broadcast
- NAT Traversal
- Dead Peer Detection Interval  seconds

æ, 'æf†æffæf— 2i¼šãf♦æffæf^æf¼æ, —é€Ýå°|ã♦Œæ½Žã♦,,å 'å♦^æ♦—æ€♦[Aggressive Mode]  
æf♦ã, řäffæ, —æfœäffæ, —æ, 'æ, ^æf³æ♦«æ♦—æ♦¾æ♦™æ€, æ♦“æ, œæ♦«æ, ^æ, řä€♦SAæŽ¥ç¶šä, i¼^æf•æ, řä

æ³i¼šã, çæ, °æf—æfæffæ, ·æf—æfçæf¼æf‰oæ♦—æ€♦æ, °æf«æf¼æf—æ, —æf©æ, ãæ, Çæf³æf^æ♦«æ, %oæ, ²æf¼æf^æ, 'æ, řä

æ, 'æf†æffæf—

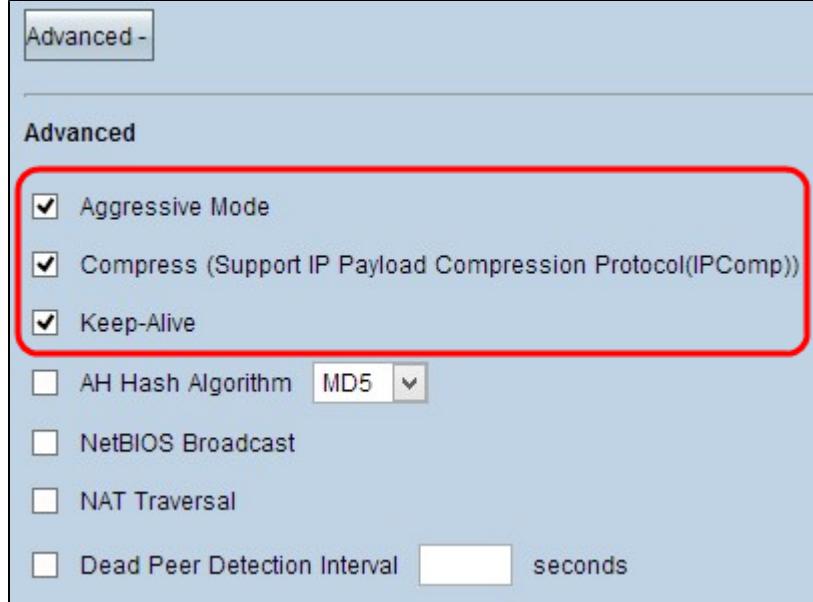
3i¼šIPäf†æf¼æ, 'æ, °æf©æf æ♦®æ, µæ, ãæ, °æ, 'åœñç, ®æ♦™æ, <æ 'å♦^æ♦—æ€♦[Compress (Support IP Payload Compression Protocol (IPComp))]

æf♦ã, řäffæ, —æfœäffæ, —æ, 'æ, ^æf³æ♦«æ♦—æ♦¾æ♦™æ€, IPCompæ♦—æ€♦IPäf†æf¼æ, 'æ, °æf©æf æ♦®æ,

æ, 'æf†æffæf—

4i¼šVPNäf^æf³æf♦æf«æ♦®æž¥ç¶šä, 'æ, ã♦«æ, Çæ, —æftæ, Fæf—æ♦®æ♦¾æ♦¾æ♦«æ♦™æ, <æ 'å♦^æ♦—æ€♦Alive]

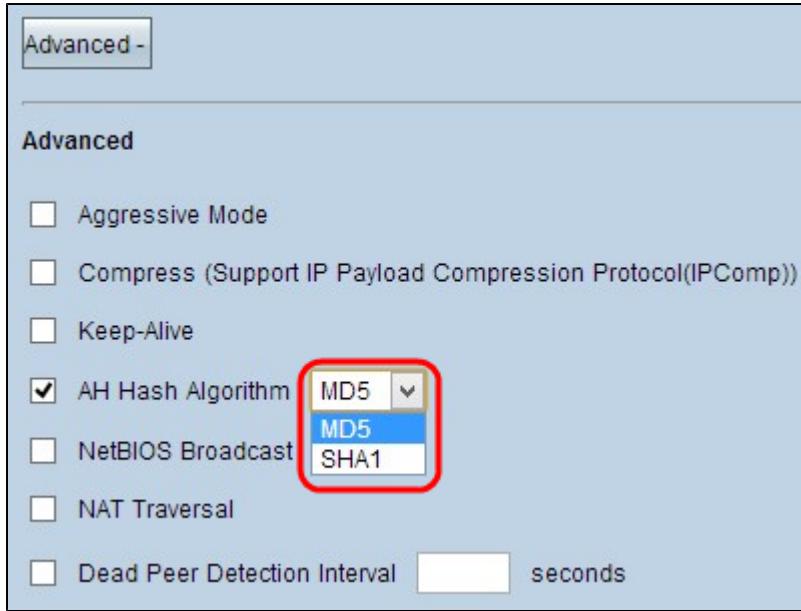
æf♦ã, řäffæ, —æfœäffæ, —æ, 'æ, ^æf³æ♦«æ♦—æ♦¾æ♦™æ€, æ, ãf¼æf—æ, Çæf©æ, ãæf—æ♦—æ€♦æž¥ç¶šä♦Œ



æ, 'æf†æffæf— 5i¼š è^ ¼æf^æffæf€æf¼(AH)æ, 'æœ‰oåŠ1æ♦«æ♦™æ, <æ 'å♦^æ♦—æ€♦[AH Hash Algorithm]

æf♦ã, řäffæ, —æfœäffæ, —æ, 'æ, ^æf³æ♦«æ♦—æ♦¾æ♦™æ€, AHæ♦—æ€♦ç™oæ...fæf†æf¼æ, 'æ♦«æ—¾æ♦™æ€

- MD5:Message Digest Algorithm-5(MD5)æ♦—æ€♦æf♦ã, řäffæ, —æ, µæf è^ç®—æ♦«æ, ^æ♦Fæ♦|æ, ^æ, œæ„œæ®æ♦, æ, ^æ, œæ”»æ'fæ♦<æ, %oæ
- SHA1:Secure Hash Algorithm version 1(SHA1)æ♦—160æf^æffæf^æ♦®æf♦æffæ, ·æf¥é—çæ•°æ, řä€♦MD5æ, ^æ, řä, , ^æ, řä%oå... "æ♦řä♦™æ♦



æ‰œé†

Gi¼šVPNäf^äf³äf♦äf«ä,'éšé♦Žä♦™ä,<äf«äf¼äftä,£äf³ä,°ä,♦ä♦—èf½ä♦äf^äf©äf•ä,£äffä,—ä,'è"±å♦Broadcast]

ã, 'ä, "äf³ä♦«ä♦—ä♦¾ä♦™ä€,äf‡äf•ä,©äf«äf^ä—ä, "äf•ä♦§ä♦™ä€,NetBIOSä♦—ä€♦ä,€éf"ä♦®ä,½Neighborhood♦ä♦©ä♦®Windowsæ©Ýèf½ä,'éšä♦~ä♦|ä€♦äf♦äffäf^äf—äf¼ä,—å†...ä♦®äf—ä

æ‰œé†

7i¼šäf'äf—äf^äf,IPä,çäf‰äf—ä, 'ä»<ä♦—ä♦|äf—äf©ä,¤äf™äf¼äf^LANä♦<ä,‰ä,¤äf³ä,¿äf¼äf♦äfTraversal]

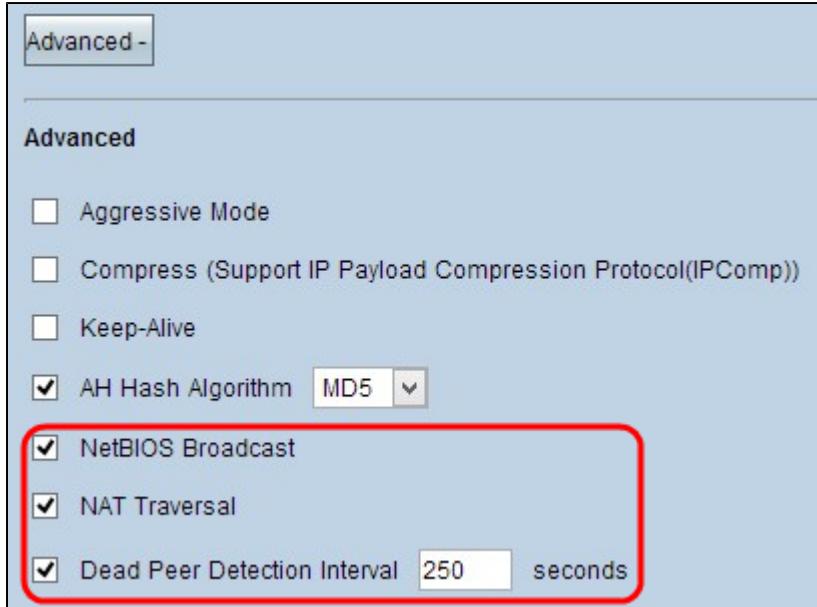
ã♦ä,§äffä,—äfoeäffä,—ä, 'ä, "äf³ä♦«ä♦—ä♦¾ä♦™ä€,VPNäf«äf¼ä,¿ä♦ŒNATä,²äf¼äf^ä,|ä,§ä,¤ä♦

### æ³"í¼šDead Peer Detection

Intervalä, 'äf♦ä,§äffä,—ä♦—ä♦|ä€♦Helloä♦¾ä♦Ýä♦—ACKä,'ä»<ä♦—ä♦ÝVPNäf^äf³äf♦äf«ä♦®ä

### æ³"í¼šDead Peer Detection

Intervalä—ä€♦ä,—äf©ä,¤ä,çäf³äf^ä<ä,‰ä,²äf¼äf^ä,|ä,§ä,¤ä♦®ä~ä,€ä♦®VPNæž¥ç¶šä♦«ä—



ã, 'äf+äffäf—9i¼š[Save] ä, 'ä,—äf^äf,—ä♦—ä♦|ä€♦è"å®šä,'ä¿ä~ä♦—ä♦¾ä♦™ä€,



## 翻訳について

シスコは世界中のユーザにそれぞれの言語でサポート コンテンツを提供するために、機械と人による翻訳を組み合わせて、本ドキュメントを翻訳しています。ただし、最高度の機械翻訳であっても、専門家による翻訳のような正確性は確保されません。シスコは、これら翻訳の正確性について法的責任を負いません。原典である英語版（リンクからアクセス可能）もあわせて参照することを推奨します。