

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷
H04L 12/46

(11)
(43)

2002 - 0055848
2002 07 10

(21) 10 - 2000 - 0085088
(22) 2000 12 29

(71) 136 - 1

(72) 1 360

(74) :

(54) I P

I P (Internet Protocol)

I P

IP

IP

가 .

가

2

, , RADIUS , DHCP , IP , IP ,

1 I P ,
 2 I P ,
 3 2 I P 2 (S2)
 4 2 I P .
 < >
 100 : 200 :
 300 : RADIUS 400 : DHCP

(Remote Authentication Dial In User Service; " RADIUS" .) (Se
 rver) I P (Internet Protocol; " IP" .)
 (Internet Network) IP I P
 , (B) 가 (A) (A)
 , (B) (Relay) PPP(Point - to - Point Protocol) 가 (A)
 (A) 가 (B) RADIUS DHCP(Dynamic Host Configuration Protocol; " (A)
 DHCP" .) IP (DHCP REQUEST) (Broadcast) DHCP ((A)
 DHCP DISCOVER) IP (Relay agent) (DHCP REQUEST) (B) (DHCP (uni - cast)
 (A) DHCP 가 (Mobility), 가 (B)
) (Relay) (A) PPP (B)
 가

, , IP
 가 IP
 IP , B 가
 A , DHCP A
 B , RADIUS IP
 IP ,
 가 IP 가 PPP ;
 RADIUS 가 가 DHCP DHCP IP
 2 ;
 RADIUS 가 DHCP IP IP
 3 ;
 가 가 4 ;
 4 가 , 가 IP
 5 ;
 5 IP 4 ,
 가 RADIUS IP 6 ;
 RADIUS 가 DHCP IP , DHCP
 IP 7 ;
 가 IP IP 4
 8 .

, IP
 . IP
 1 IP IP ,
 IUS (300), DHCP (400) IP (100), (200), RAD
 (100) B 가 A , A
 (200) PPP .
 , (200) A (100)
 , B RADIUS (300) (100) IP , RAD
 IUS (300) IP (100) IP .

, RADIUS (300) B , A (200)
 IP 가 DHCP (400) DHCP (400) IP IP (400) DHCP (200)
 400) IP (200) .
 , DHCP (400) B , RADIUS (300) IP
 IP IP RADIUS (300) .
 , 가 IP 2, 4 .
 , (200) 4 (100)가 PPP
 , B RADIUS (300) 가 IP (RADIUS ACCESS REQUE
 ST) (S1).
 , RADIUS (300) (100) 가 DHCP (400)
 DHCP (400) IP (S2).
 , 2 (S2) 3 .
 , RADIUS (300) (100) 가 (S2 - 1).
 , RADIUS (300) 4 , DHCP (400) (400)
 DHCPDISCOVER) (S2 - 2).
 , RADIUS (300) 4 , DHCP (400) IP
 (DHCPPOFFER) , IP (DHCPPOFFER) 가 DHCP (400)
 (S2 - 3).
 , RADIUS (300) 4 , DHCP (400) IP
 (DHCPREQUEST) (S2 - 4).
 , RADIUS (300) 2 (S2) , DHCP (400) IP
 IP 가 IP (DHCPACK) , 4 IP , I
 P (RADIUS ACCESS ACCEPT) (200) (S3).
 , (200) (100) IP (100)
 , (200) (100)가 (S4).
 , 4 (S4) (100)가 (NO), (200)
 IP (S5). , IP IP
 5 (S5) IP (NO) (200)
 4 (S4) (YES) (200) 4 (200)
 RADIUS (300) IP (RADIUS ACCESS REQUEST) (S6).

, RADIUS (300) 4 , RADIUS (300) DHCP (400) IP
 (DHCPREQUEST) . , RADIUS (300) DHCP (400)
 IP (200) (S7). IP
 4 (S4) (S8). IP
 , 4 (S4) (100)가 (YES), (200) IP
 (S9).

I P , IP
 가 가 .

(57)

1.

B 가 , B A RADIUS , DHCP A
 IP , IP
 가 가 가 PPP B RADIUS
 가 IP 1 ; DHCP IP
 RADIUS 2 가 가 DHCP DHCP IP
 ;
 RADIUS 가 DHCP IP IP
 3 ;
 가 가 4 ;
 4 가 , 가 IP
 5 ;
 5 IP 4 ,
 가 RADIUS IP 6 ;
 IP RADIUS 가 DHCP IP , DHCP
 7 ;
 8 가 IP IP IP 4
 I P .

2.

1 ,

2 , RADIUS 가 가 2-1 ;

RADIUS 가 DHCP 2-2 ;

RADIUS 가 DHCP IP , DHCP
2-3 ;

RADIUS 가 DHCP IP 2-4
I P .

3.

1 ,

4 가 , 가 IP 9
가 I P .







