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Patent Search Report

SEARCH TYPE: **INVALIDITY SEARCH**

TITLE: **US 6,775,235 and US 7,406,048**

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nd Alone References

020010866

m 13 ('048)	US20020010866
thod for controlling access to multiple independent disparate networks in a el network configuration, the disparate networks comprising at least one e network and at least one network based on the Internet, the method rising the steps of:	*Abstract*
ving a packet through a site interface that connects a controller to a site;	*Para [0047]*
ting between at least two network interfaces of the controller which use at two known location address ranges which are respectively associated with rate networks, according to at least: a destination of the packet, an nal presence of alternate paths to that destination, and at least one fied criterion for selecting between alternate paths when such alternate are present; and	*Para [0126] - [0127]*
ng the packet through the selected network interface.	*Para [0126] - [0127]*

72127

m 13 ('048)	US6272127
thod for controlling access to multiple independent disparate networks in a el network configuration, the disparate networks comprising at least one e network and at least one network based on the Internet, the method rising the steps of:	*Abstract*
ving a packet through a site interface that connects a controller to a site;	*Col 3, ln 1 - 18*
ting between at least two network interfaces of the controller which use at two known location address ranges which are respectively associated with rate networks, according to at least: a destination of the packet, an nal presence of alternate paths to that destination, and at least one fied criterion for selecting between alternate paths when such alternate are present; and	*Col 6, ln 18 - 33*
ng the packet through the selected network interface.	*Col 28, ln 35 - 52*

72127

m 19 ('048)	US6272127
troller for combining connections for access to disparate parallel networks, ntroller comprising:	*Abstract*
interface configured for receiving a packet which has a first site IP ss as source address and a second site IP address as destination ss; and	*Col 2, ln 8 - 49*
ket path selector which selects, within the controller on a per-packet basis, en a path through an Internet-based network and a path through a private rk that is not Internet-based;	*Col 2, ln 8 - 49;Col 3, ln 1 - 18*
ein the controller receives a packet through the site interface and sends the t through the network interface that was selected by the packet path tor.	*Col 28, ln 35 - 52*

nbined References

020010866 Combined with US6647008

m 1 ('048)	US20020010866	US6647008
troller which controls access to multiple independent disparate networks in allel network configuration, the disparate networks comprising at least one e network and at least one network based on the Internet, the controller rising:	*Abstract; Para [0126] - [0127]*	
interface connecting the controller to a site;	*Para [0047]*	
st two network interfaces which send packets toward the disparate rks; and	*Para [0047]*	*Col 6, ln 43 - 58*
ket path selector which selects between network interfaces, using at least nown location address ranges which are respectively associated with rate networks, according to at least: a destination of the packet, an al presence of alternate paths to that destination, and at least one fied criterion for selecting between alternate paths when such alternate are present;	*Para [0047]*	*Col 6, ln 43 - 58*
ein the controller receives a packet through the site interface and sends the t through the network interface that was selected by the packet path tor.	*Para [0126] - [0127]*	

News, Kimetal., Weinstein

m 1 ('048)	ISDN News	Kim et al.	Weinstein
troller which controls access to multiple endent disparate networks in a parallel rk configuration, the disparate networks rising at least one private network and at one network based on the Internet, the ller comprising:	*pg. 1*	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	
interface connecting the controller to a site;	*pg. 1*	*pg. 321, col. 1*	
st two network interfaces which send ts toward the disparate networks; and	*pg. 1*	*pg. 321, col. 1*	
ket path selector which selects between rk interfaces, using at least two known on address ranges which are respectively iated with disparate networks, according to st: a destination of the packet, an optional nce of alternate paths to that destination, t least one specified criterion for selecting en alternate paths when such alternate are present;		*pg. 317, col. 2 to pg. 318, col. 2*	*pg. 2 to pg. 3*
ein the controller receives a packet through te interface and sends the packet through twork interface that was selected by the t path selector.	*pg. 1*	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	

24964 Combined with US6747964, US7224964

m 4 (`235)	US6747964	US7224964
troller which controls access to multiple networks in a parallel network juration, suitable networks comprising Internet-based networks and private rks from at least one more provider, in combination, the controller rising:	*Abstract*	*Abstract*
interface connecting the controller to a site;		*Col 4, ln 30 - 48*
st two network interfaces which send packets toward the networks; and	*Col 1, ln 48 - 61*	*Col 4, ln 30 - 48*

24964 Combined with US6747964, US7224964

m 4 (`235)	US6747964	US7224964
ket path selector which selects between network interfaces on a per-t basis according to at least: a destination of the packet, an optional nce of alternate paths to that destination, and at least one specified on for selecting between alternate paths when such alternate paths are nt;	*Col 4, ln 44 - col 5, ln 8*	
in the controller receives a packet through the site inter-face and sends acket through the network interface that was selected by the packet path tor.	*Col 4, ln 44 - col 5, ln 8*	

News, Kimetal., Weinstein

m 4 (`235)	ISDN News	Kim et al.	Weinstein
troller which controls access to multiple rks in a parallel network configuration, le networks comprising Internet-based rks and private networks from at least one provider, in combination, the controller rising:	*pg. 1*	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	
interface connecting the controller to a site;	*pg. 1*	*pg. 321, col. 1*	
st two network interfaces which send ts toward the networks; and	*pg. 1*	*pg. 321, col. 1*	
ket path selector which selects between rk interfaces on a per-packet basis ding to at least: a destination of the packet, tional presence of alternate paths to that ation, and at least one specified criterion lecting between alternate paths when such ate paths are present;		*pg. 317, col. 2 to pg. 318, col. 2*	*pg. 2 to pg. 3*
in the controller receives a packet through te inter-face and sends the packet through twork interface that was selected by the t path selector.	*pg. 1*	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	

72127 Combined with US6611872

m 5 ('235)	US6272127	US6611872
thod for combining connections for access to multiple parallel disparate rks, the method comprising the steps of:	*Abstract; Col 2, ln 8 - 49*	
ning at least two known location address ranges which have associated rks;	*Col 6, ln 18 - 33*	
ning topology information which specifies associated networks that provide, working, connectivity between a current location and at least one ation location;	*Col 50, ln 35 - 52*	
ving at the current location a packet which identifies a particular destination on by specifying a destination address for the destination location;		*Col 5, ln 49 - 62*
mining whether the destination address lies within a known location ss range;		*Col 5, ln 49 - 62*
ting a network path from among paths to disparate associated networks, networks being in parallel at the current location, each of said networks fied in the topology information as capable of providing connectivity en the current location and the destination location;	*Col 3, ln 1 - 18*	*Col 5, ln 49 - 62*
rding the packet on the selected network path.		

stein Combined with Kimetal., Weinstein

m 5 ('235)	Kim et al.	Weinstein
thod for combining connections for access to multiple parallel disparate rks, the method comprising the steps of:	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	
ning at least two known location address ranges which have associated rks;		*pg. 2 to pg. 3*
ning topology information which specifies associated networks that provide, working, connectivity between a current location and at least one ation location;		*pg. 2 to pg. 3*
ving at the current location a packet which identifies a particular destination on by specifying a destination address for the destination location;		*pg. 2 to pg. 3*
mining whether the destination address lies within a known location ss range;		*pg. 2 to pg. 3*
ting a network path from among paths to disparate associated networks, networks being in parallel at the current location, each of said networks fied in the topology information as capable of providing connectivity een the current location and the destination location;	*pg. 317, col. 2 to pg. 318, col. 2*	*pg. 2 to pg. 3*
rding the packet on the selected network path.	*pg. 317, col. 2 to pg. 318, col. 2*	

47008 Combined with US6272127

m 7 ('048)	US6647008	US6272127
thod for combining connections for access to disparate parallel networks, ethod comprising the steps of:	*Abstract*	*Col 3, ln 1 - 18*
ving at a controller a packet which has a first site IP address as source ss and a second site IP address as destination address;	*Col 7, ln 50 - 64*	
ting, within the controller on a per-packet basis, between a path through an et-based network and a path through a private network that is not Internet-; and	*Col 4, ln 60 - col 5, ln 15*	
rding the packet along the selected path toward the second site.		*Col 3, ln 1 - 18*

stein Combined with Kimetal., Weinstein

m 7 ('048)	Kim et al.	Weinstein
thod for combining connections for access to disparate parallel networks, ethod comprising the steps of:	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	
ving at a controller a packet which has a first site IP address as source ss and a second site IP address as destination address;		*pg. 2 to pg. 3*
ting, within the controller on a per-packet basis, between a path through an et-based network and a path through a private network that is not Internet-; and	*pg. 317, col. 2 to pg. 318, col. 2*	*pg. 2 to pg. 3*
rding the packet along the selected path toward the second site.	*pg. 317, col. 2 to pg. 318, col. 2*	

stein Combined with Kimetal., Weinstein

m 13 ('048)	Kim et al.	Weinstein
thod for controlling access to multiple independent disparate networks in a el network configuration, the disparate networks comprising at least one e network and at least one network based on the Internet, the method rising the steps of:	*pg. 317, col. 2 to pg. 318, col. 2; pg. 321, col. 1*	
ving a packet through a site interface that connects a controller to a site;	*pg. 321, col. 1*	
ting between at least two network interfaces of the controller which use at two known location address ranges which are respectively associated with rate networks, according to at least: a destination of the packet, an	*pg. 317, col. 2 to pg. 318, col. 2*	*pg. 2 to pg. 3*

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