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						IBM
Better tracking of DVIPA creation and deletion						
> Netstat VDPT display enhancements for current number of active connections						
>Issue MVS [™] console messages with more details when application-specific DVIPAs are created or deleted						
	-EZD12041 - DTNAMIC VIPA dvipa WAS CREATED USING IOCTL BY jooname ON tcpstackname					
	-EZD1206I - DYNAMIC VIPA dvipa WAS DELETED USING IOCTL BY jobname ON tcpstackname					
	-EZD1207I - DYNAMIC	VIPA dvipa WAS DELI	ETED USING	G CLOSE BY Jobname	ON tcpstackname	
> Include additional information regarding the creation of a DVIPA in the netstat vipadyn report:						
	-MVS TCP/IP NETST	AT CS VIR8	CPIP Name	TCPCS	18:28:50	
	-Dynamic VIPA:			10100	10.10.00	
	- IP Address	AddressMask	Status	Origination	DistStat	
	- 201 2 10 11	255 255 255 192	Active	VIPADefine	Dist	
	- ActTime:	03/02/2005 16:4	5:20	VIIADCIIIIC	5150	
	- 201.2.10.12	255.255.255.192	Active	VIPADefine	Dist/Dest	
	- ActTime:	03/02/2005 16:45	5:20			
	- 201.2.10.14	255.255.255.192 n/a	Васкир	VIPABackup		
	- 201.2.10.32	<none></none>	Backup	VIPABackup		
	- ActTime:	n/a	-	-		
	- 199.199.199.8	255.255.255.0	ACTIVE	VIPARANGE IOCTL		
	- ActTime:	03/02/2005 16:45	5:20	JobName:	JOBTSTIA	
	- 199.199.199.9	255.255.255.0	ACTIVE	VIPARANGE BIND		
	ACCIIME.	05/02/2005 10.4.		o obranic.	00010110	
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The Journey to IPv6 for z/OS Communications Server

>The first phase (z/OS V1R4)

- Stack support for IPv6 base functions -(APIs, Protocol layers)
- Resolver
- -High speed attach (OSA Express QDIO))
- Service tools (Trace, Dump, etc.)
- Configuration and netstat, ping,
- traceroute, SMF
- Static Routing
- FTP, otelnetd, unix rexec, unix rshd/rexecd

The second phase (z/OS V1R5)

- Network Management
 - -Applications and DPI®
 - -Version-neutral Tcp/Ip Standard MIBs
 - -Additional SMF records
- Applications/Clients/APIs
- -Tn3270 server,CICS sockets, sendmail,ntp,dcas, rxserve,rsh client
- Enterprise Extender
- Point to Point type DLCS
- Dynamic Routing Protocol w/
- OMPROUTE (only RIPng)

>The third phase (z/OS V1R6)

- -Sysplex Exploitation (Dynamic VIPA, Sysplex Distributor functions)
- Dynamic Routing Protocol w/ OMPROUTE (OSPFv3)
- -Additonal Network Management MIBs
- >The fourth phase (z/OS V1R7)
 - SNMP UDP standard MIB (RFC2013) and IBM MVS TCP/IP Enterprise-specific MIB for UDP
 - -Advanced Socket API support RFC3542

when you need it!

- IPv6 Two Default Routers required for IPv6 compliance
- Hipersockets

>The fifth phase (z/OS V1R8)

►Integrated IPSec for IPv6

- >After z/OS V1R8
 - -Complete Advanced Socket APIs
 - Extended Stats MIB, OSPFv3 MIB
 - Intrusion Detection Services
 - IPv6 mobility support
 - FRCA support for IPv6



anyone from anywhere (car, home, office) to anything!

Connectivity for

The Internet - a worldwide digital utility.

z/OS V1R8 Communications Server Overview - Various TCP/IP Change

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