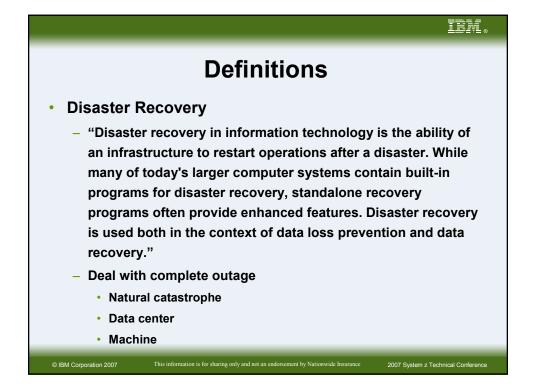
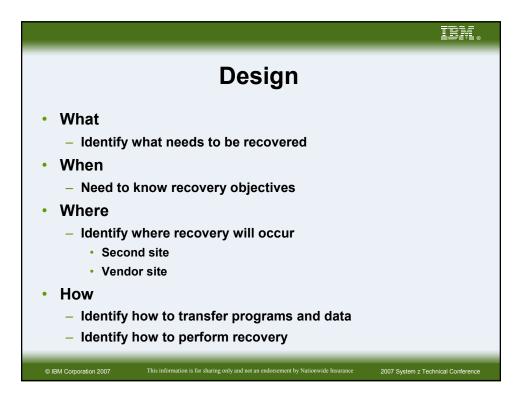


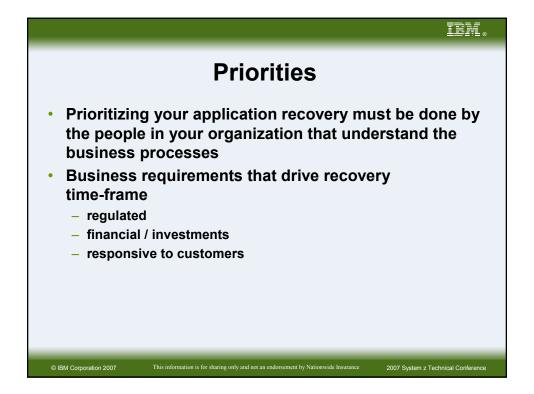
	Hign /	Availab	ollity	
Internet S MetBackup		Production		second HA LPARs
	vSuitch	LPAR 1	VLANT	Switch
Cisco Cisco		НТТР	HTTP	(HTTP) <
Firewall	- v Suitch	Server	Server	Server j
		LPAR 2	VLAN 2	Suitch]
054		НТТР	HTTP	(HTTP)
	v Suitch	Server	Server	Server
			VLAN 3	Switch]
~~	V	WAS	WAS VLAN 8	(WAS)
3		Node	Node	Node Session Node
Prod BE	vSwitch	Session Node	VVAS Portal Node	Session Node
Cisco Firewall				Suitch]
 @			VLAN 4 VLAN 9	
Cisco Cisco	v Switch	Database Node	Database Node	Database Node
Firewall				
Eare @	Z/VM TCP/IP	150	VLAN 5 VLAN 10	
Q	Series	Tools	Tools	
	Microcode		1	

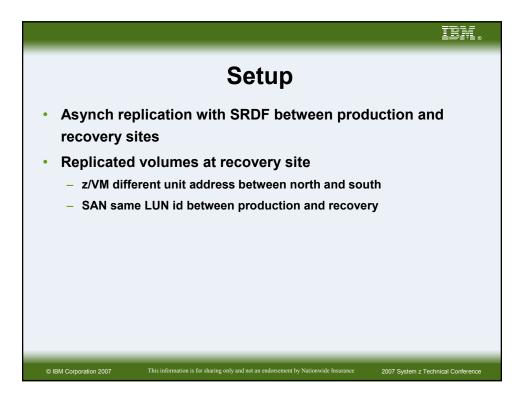


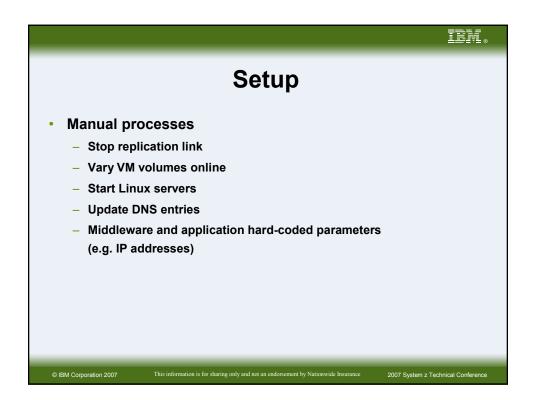
	IBM.
Our Environment	
 Two z9 installed in 4Q2006, each with: 	
 Production box 	
• 12 IFLs	
160GB memory	
• 4 z/VM LPARs	
 Tier 4+ data center 	
 Fully redundant power, telecom, generators, etc 	
 Development box 	
 13 IFL engines on development box 	
224GB memory	
 5 z/VM LPARs (sandbox LPAR for system programmer te 	est)
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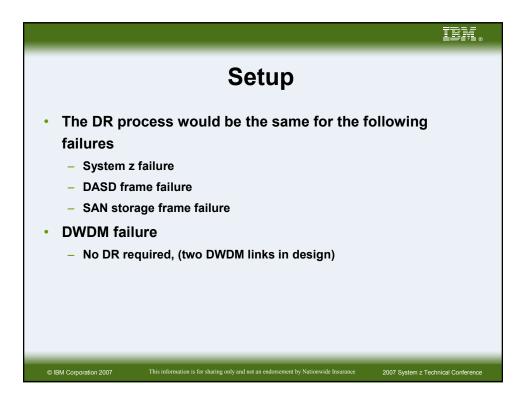


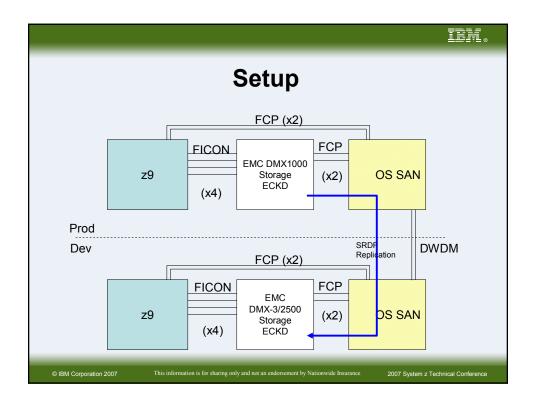


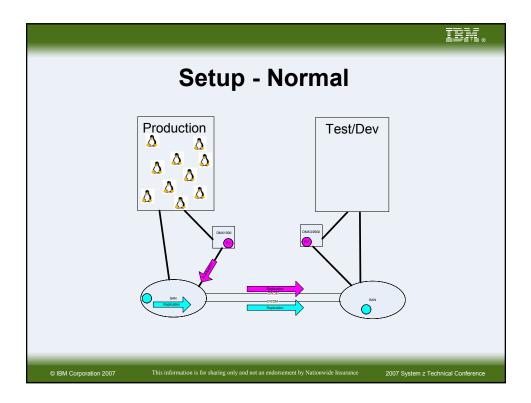


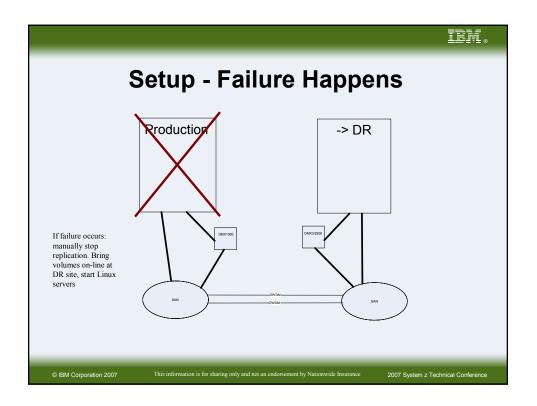


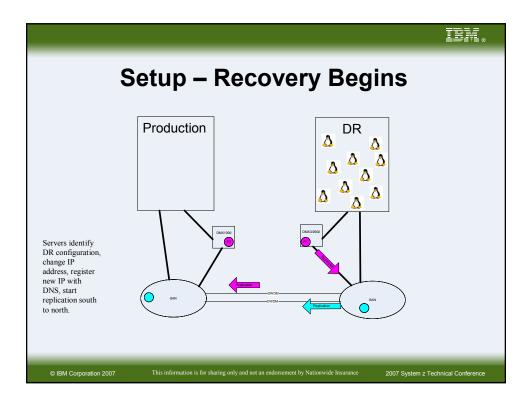


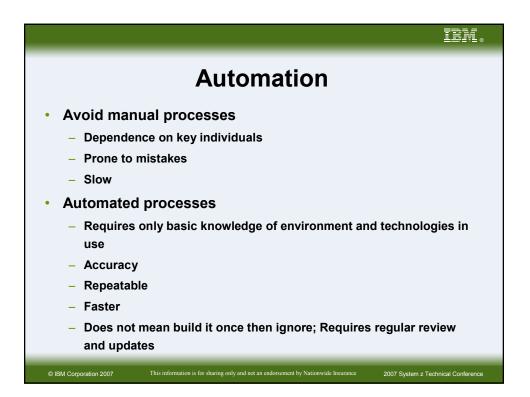


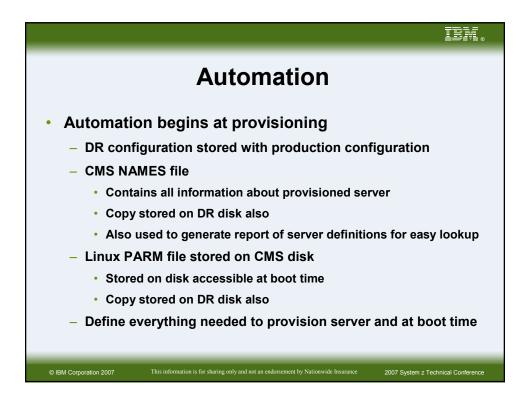


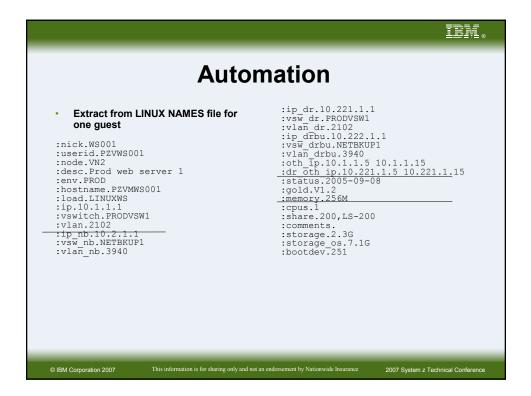




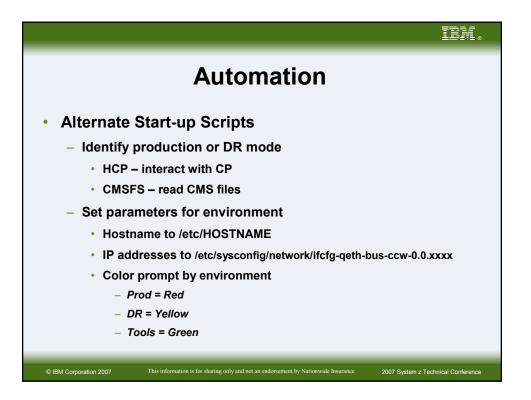




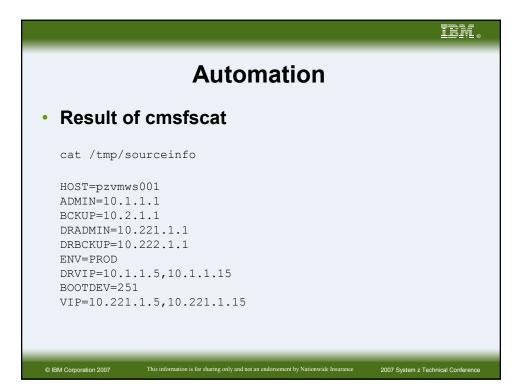




Automation	
PARM file	
HOST=pzvmws001 ADMIN=10.1.1.1 BCKUP=10.2.1.1 DRADMIN=10.221.1.1 DRBCKUP=10.222.1.1 ENV=PROD DRVIP=10.1.1.5,10.1.1.15 BOOTDEV=251 VIP=10.221.1.5,10.221.1.15	
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Automation	
Extract from boot.config	
<pre># Setup variables echo "1" > /sys/bus/ccw/devices/0.0.0191/online sleep 5 # modprobe required just in case modprobe cpint PARMDEV=`grep 191 /proc/dasd/devices awk '{print \$7}'` nzvws001 AT vN1 QUSERID=`hcp query userid` GUEST=`echo \$QUSERID cut -d" " -f 1` LOCO=`echo \$QUSERID cut -c14` LPAR=`echo \$QUSERID cut -c13-15` BOX=`echo \$QUSERID cut -c1` cmsfscat -d /dev/\$PARMDEV -a \${GUEST}.PARMFILE > /tmp/sourceinfo . /tmp/sourceinfo echo "0" > /sys/bus/ccw/devices/0.0.0191/online</pre>	
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Automation				
<pre>• More extract from boot.config case "\$ENV" in PROD) if ["\$LOCO" == "\$BOX"] then CLR="41"; #Red else CLR="43"; #Yellow/Gold ENV="DR"; fi ;; DEV JT TOOLS TOOL) CLR="42"; #Green ;; Examples: barlowr@szvmjt002:JT:barlowr> barlowr@nzvmws001:PROD barlowr></pre>	<pre>ST) CLR="44"; #Blue ;; PT) CLR="45"; #Purple ;; UAT IT) CLR="46"; #Turq ;; *) CLR="42"; #Green ENV="UNK"; ;; esac</pre>			

