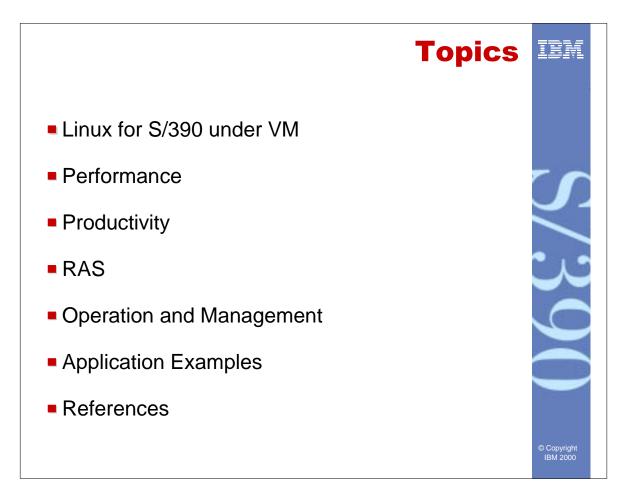
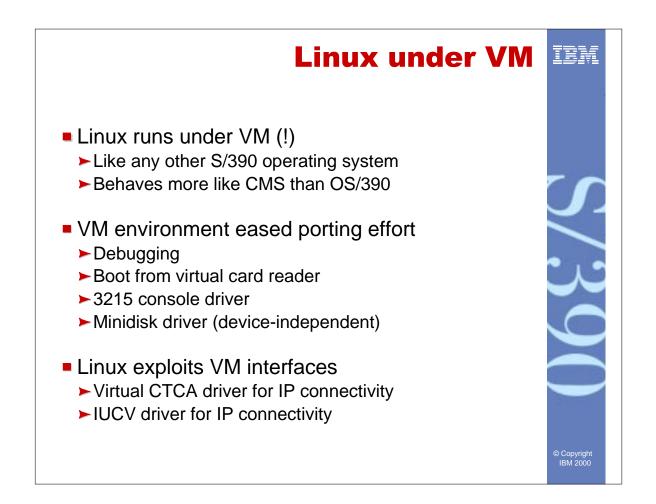
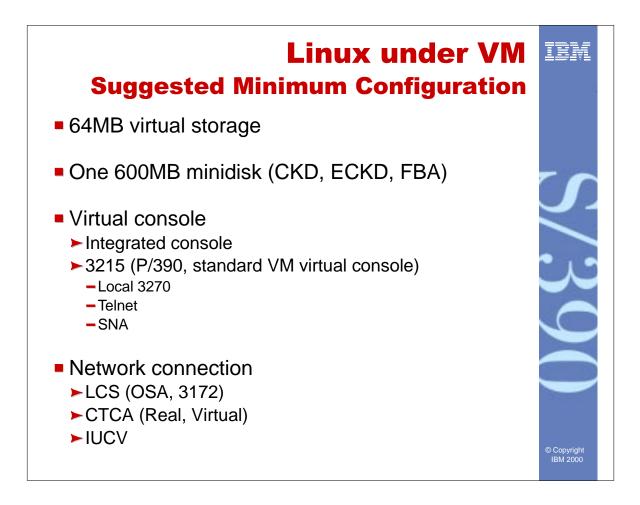


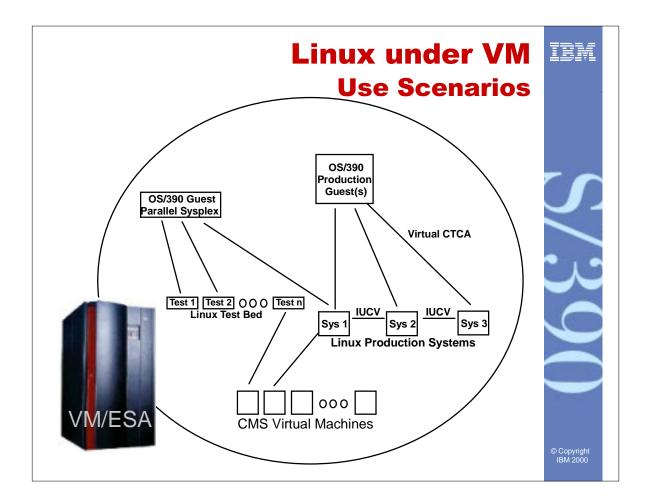
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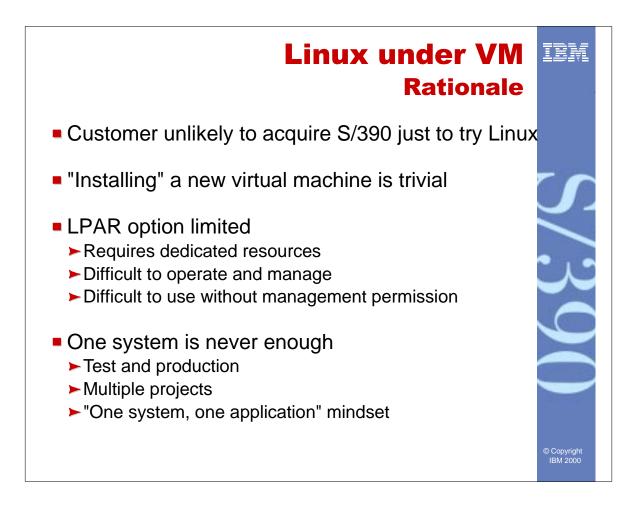
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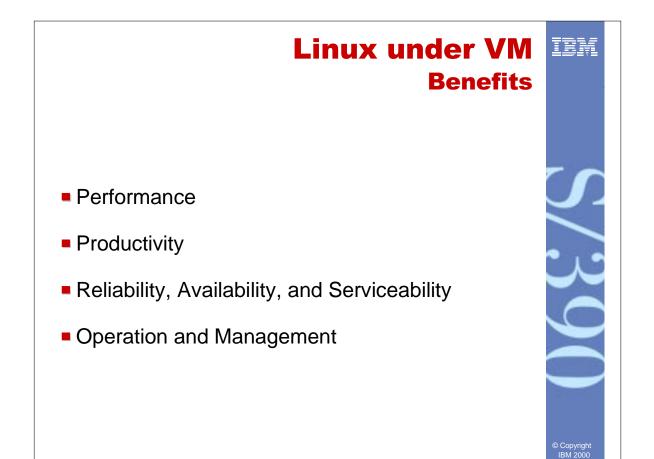












Linux under VM					
	Value Checklist				t
Facilities Provided to Guest OS	OS/390	VSE/ESA	TPF	Linux	
Performance					
Virtual Disks in Storage		4	×	×	
Minidisk cache		v		v	
DB2 Guest Sharing (S/390 data space exploitaiton)		v			
High-performance virtual machine networking	×	× -	×	v	
N-way processor exploitation	×	v		v	
Page fault handshaking		v			
Transparent S/390 architecture exploitation (native code not req'd)		4		v	
Fast path CCW support	v	4	-	v	
Productivity					
Temporary Disks (TDISK)	×	4	 	×	
Resource simulation and virtualization	v	4	×	v	
Complex environment testing without duplicating real hardware	×	4	 Image: A second s	1	
Virtual processor support for SMP testing	v	v	×	×	
Resource sharing (DASD, printers, I/O, memory, processors, etc.)	v	v	×	×	
PVMG support for VSE VTAM sessions		v			
Device-independent I/O support				×	
Guest Coupling Facility	×		×		
RAS					
S/390 error recovery (processors, I/O, etc.)		v	 Image: A second s	√	
Dynamic multi-image support for scalability, hot backup, etc.	×	v	 Image: A second s	v	
S/390 trace and debug facilities	×	v	 	v	1
Operations					
Virtual machine controls, scheduling, and automation	v	1	 Image: A second s	 Image: A set of the set of the	
Performance measurement, reporting, and management	v	v	 	v	
Rapid creation and deletion of guest images	v	4	 	v	
IPL from a VM saved segment		v		v	
Dynamic I/O reconfiguration, CP Sparing, FICON	×	v	×	v	

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