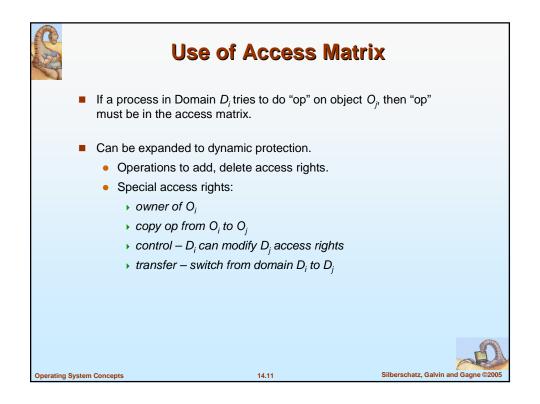
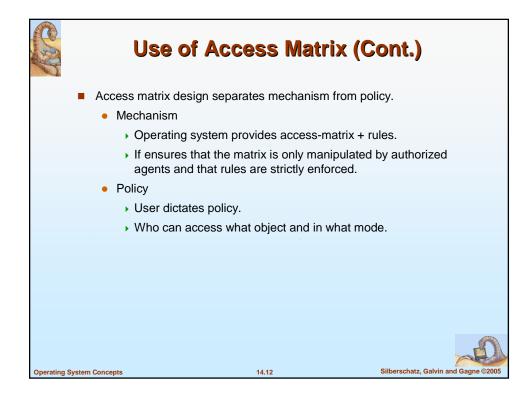
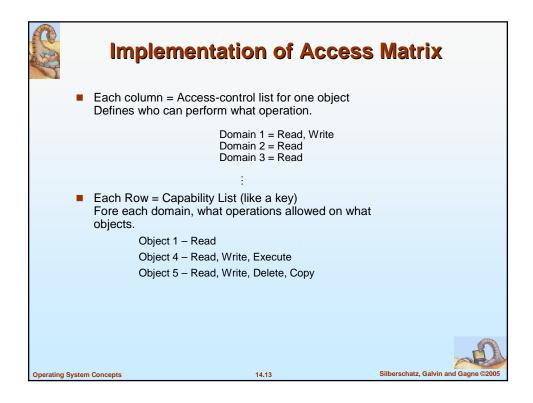


	Access Matrix								
	object domain	F ₁	F ₂	F ₃	printer				
	<i>D</i> ₁	read		read					
	<i>D</i> ₂				print				
	<i>D</i> ₃		read	execute					
	<i>D</i> ₄	read write		read write					
Operating S	Figure A								





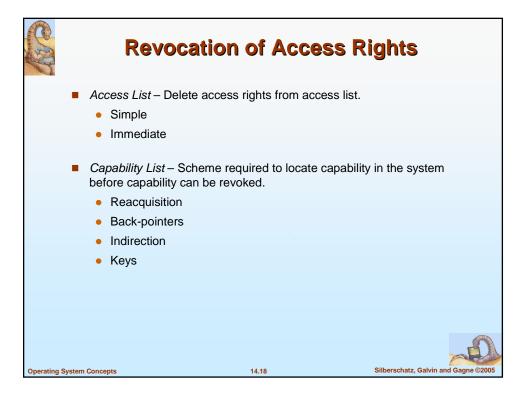


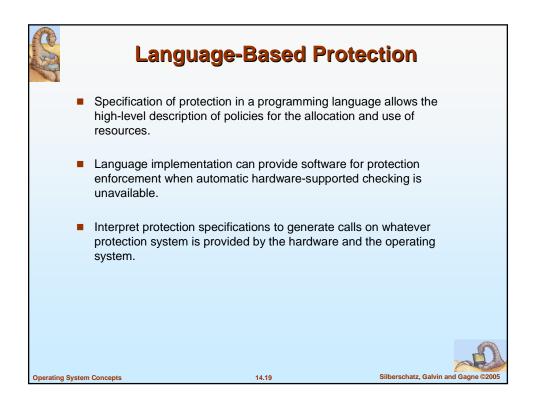
G	Acces	s Mat	rix of	Figur	e A W	ith Do	omain	s as (Objects
	object domain	F_1	F_2	F ₃	laser printer	<i>D</i> ₁	<i>D</i> ₂	<i>D</i> ₃	D_4
	<i>D</i> ₁	read		read			switch		
	<i>D</i> ₂				print			switch	switch
	<i>D</i> ₃		read	execute					
	D_4	read write		read write		switch			
				Figure E	3				
Operating S	ystem Concepts			14.14			Silberscl	natz, Galvin a	nd Gagne ©200

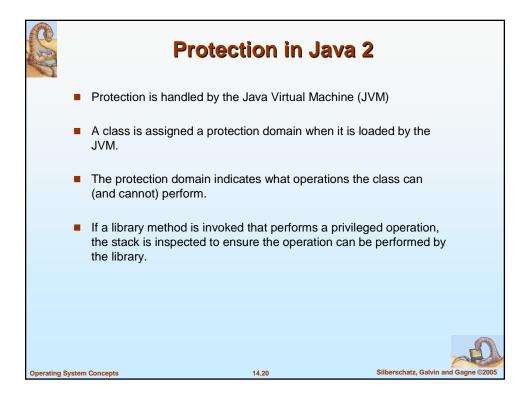
A A	ccess N	latrix	with	Сору	Rights
	object domain	F ₁	F_2	F ₃	
	<i>D</i> ₁	execute		write*	
	D ₂	execute	read*	execute	
	<i>D</i> ₃	execute			
		(a)			
	object domain	F ₁	F ₂	F_3	
	<i>D</i> ₁	execute		write*	
	D ₂	execute	read*	execute	
	D ₃	execute	read		
		(b)		•	
Operating System Concepts		14	.15		Silberschatz, Galvin and Gagne ©2005

Acces	ss Mat	rix W	ith O)wner	Rights
	object domain	F ₁	F ₂	F ₃	
	<i>D</i> ₁	owner execute		write	
	D ₂		read* owner	read* owner write	
	D ₃	execute			
		(a)			
	object domain	F ₁	F ₂	F ₃	
	<i>D</i> ₁	owner execute		write	
	D ₂		owner read* write*	read* owner write	
	D ₃		write	write	
		(b)			
Operating System Concepts		14.16			Silberschatz, Galvin and Gagne ©2005

object domain	F ₁	F ₂	F ₃	laser printer	<i>D</i> ₁	D ₂	<i>D</i> ₃	<i>D</i> ₄
D ₁	read		read			switch		
D ₂				print			switch	switch contro
<i>D</i> ₃		read	execute					
<i>D</i> ₄	write		write		switch			







		St	ack Inspection	
	protection domain:	untrusted applet	URL loader	networking
	socket permission:	none	*.lucent.com:80, connect	any
	class:	gui: get(url); open(addr);	get(URL u): doPrivileged { open('proxy.lucent.com:80'); } <request from="" proxy="" u=""> </request>	open(Addr a): checkPermission (a, connect); connect (a);
perating S	system Concepts		14.21	Silberschatz, Galvin and Gagne ©200

