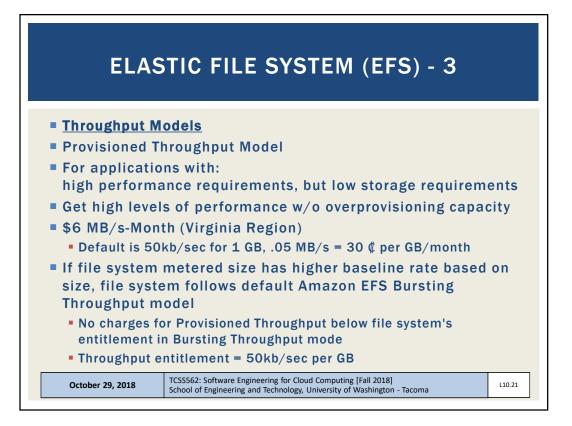
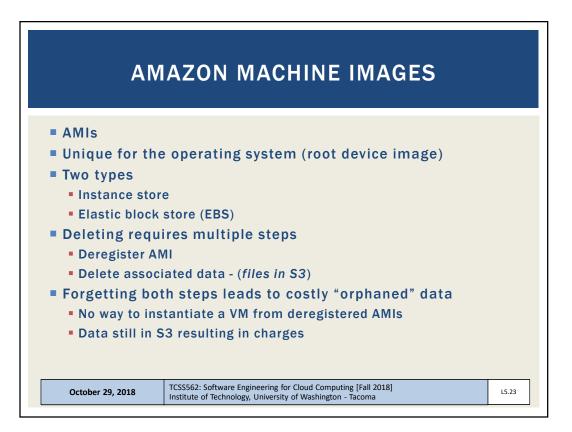


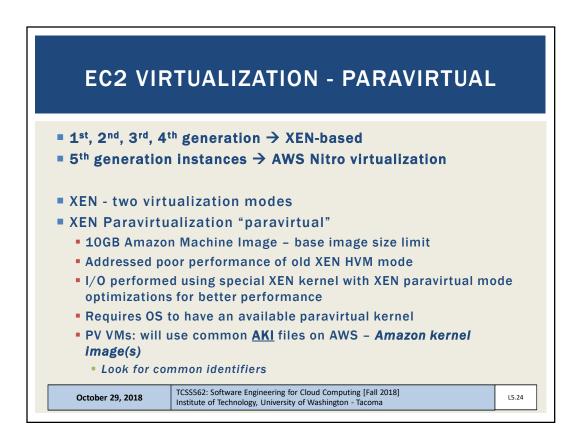
ELASTIC FILE SYSTEM (EFS) - 2							
• Thro	able Throughp ughput rates: ba lit model for but	aseline vs burst		,			
File System Size (GiB)	Baseline Aggregate Throughput (MiB/s)		Maximum Burst Duration (Min/Day)	% of Time File Syster Can Burst (Per Day)			
10	0.5	100	7.2	0.5%			
256	12.5	100	180	12.5%			
512	25.0	100	360	25.0%			
1024	50.0	100	720	50.0%			
1536	75.0	150	720	50.0%			
2048	100.0	200	720	50.0%			
3072	150.0	300	720	50.0%			
4096	200.0	400	720	50.0%			
4096 October 2	TCSS562: 1	400 Software Engineering for Clu	oud Computing [Fall 2018]	11			

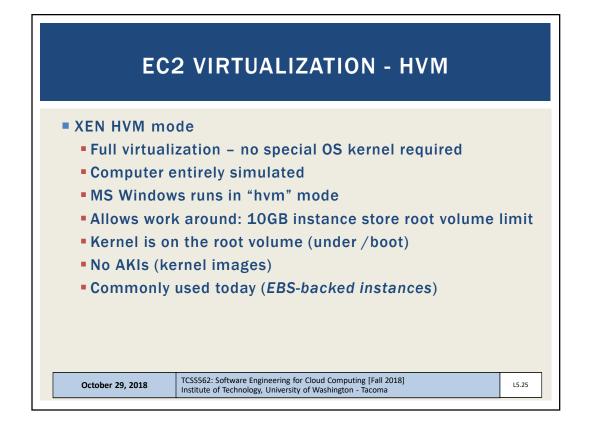
## Slides by Wes J. Lloyd

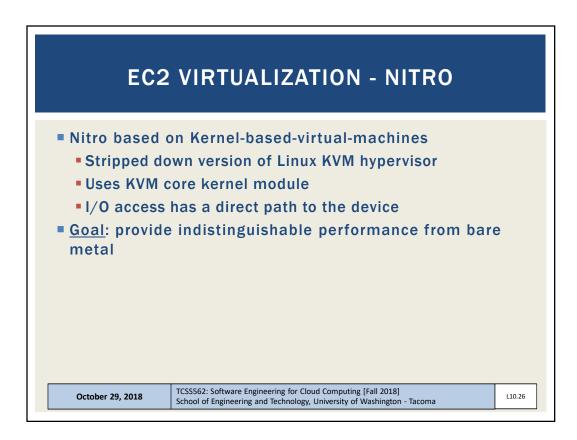


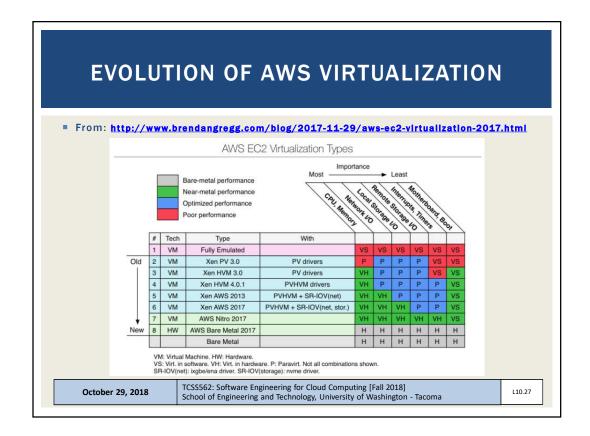
	ELASTIC	FILE SYST	ĒN	M (EFS) - 4		
P	erformance Compari	son, Amazon EFS and An	nazon	EBS		
		Amazon EFS	Ama	Amazon EBS Provisioned IOPS		
F	Per-operation latency	Low, consistent latency.	Lowe	owest, consistent latency.		
Т	hroughput scale	10+ GB per second.	Up to	Up to 2 GB per second.		
Storage Cha	haracteristics Comparison, Amazon EFS and Amazon EBS Amazon EFS Amazon EFS Amazon EBS Provisioned IOPS					
Availability and durability	Data is stored redundantly across multiple AZs.		Data is stored redundantly in a single AZ.			
Access	Up to thousands of Amazon EC2 instances, from multiple AZs, can connect concurrently to a file system.		A single Amazon EC2 instance in a single AZ can connect to a file system.			
Use cases	Big data and analytics, media processing workflows, content management, web serving, and home directories.			Boot volumes, transactional and NoSQL databases, data warehousing, and ETL.		
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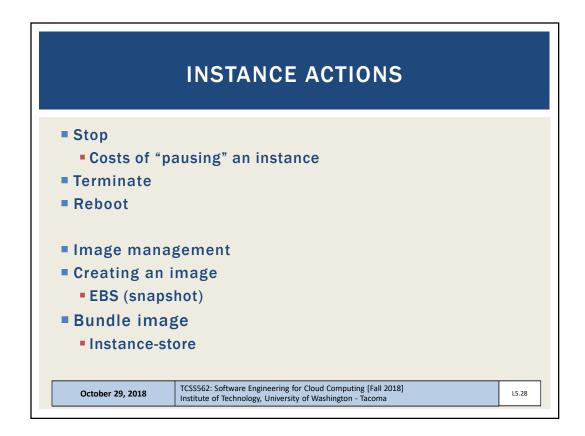


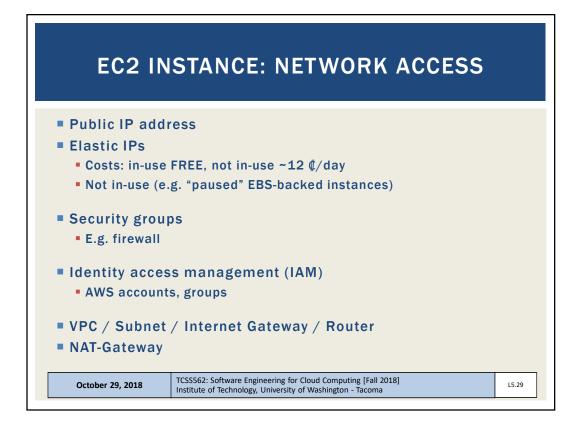


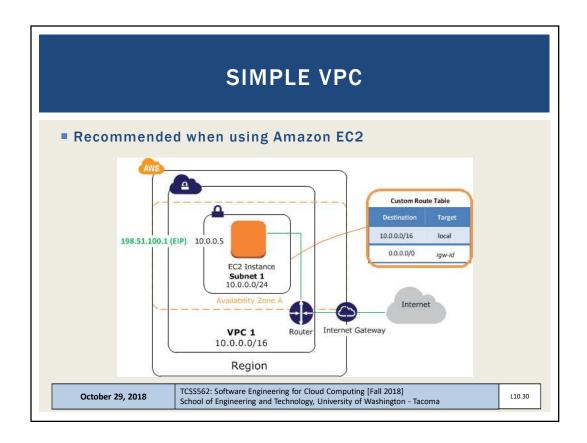


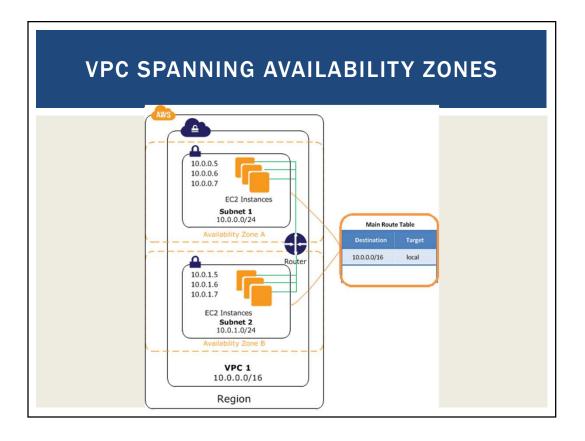


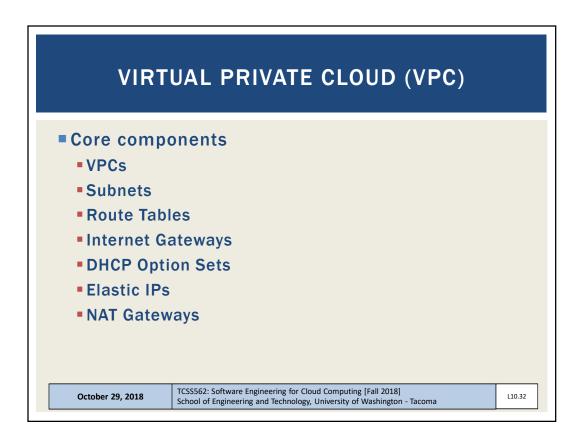


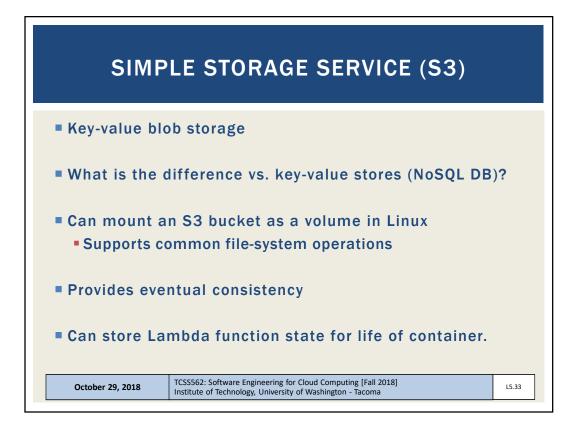


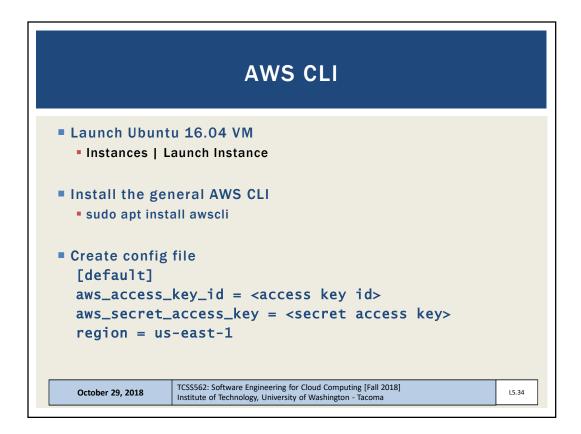












AWS CLI - 2						
reating a	ccess keys:	IAM   Us	ers   Security (	Credential	s	
cess Key	s   Create	Access Ke	eys			
🧊 Services 🗸	Resource Groups 👻 🕻			û Wes Lloyd → Global →	Suppo	
Search IAM	Permissions Groups (1)	Security credentials	Access Advisor			
Dashboard	Sign-in credentials					
Groups	Canada asses	ward Dischlad & Manag				
Users	Console passv Console login		e password			
Roles	Last l					
Policies	Assigned MFA de	-				
Identity providers	Signing certific		BQZYYYHQDJGQAQM6VHL 🖋			
Account settings		Active				
Credential report		2017-04-03 16:55 PDT				
	Access keys					
Encryption keys	Use access keys to make secure REST or HTTP Query protocol requests to AWS service APIs. For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation. Learn more					
	Create access key					
	Access key ID	Created	Last used	Status		
	AKIAJTZVNQFP6PP6M2YQ	2017-04-02 22:56 PDT	2017-04-04 00:13 PDT with ec2 in N/A	Active   Make inactive	×	
	TCSSEC2, Cathy		Cloud Computing [Fall 2018]		_	

	AWS CLI - 3	
<ul> <li>Export the con</li> <li>Add to /home,</li> </ul>	fig file /ubuntu/.bashrc	
export AWS_ Try some comm	_CONFIG_FILE=\$HOME/.aws/config mands:	
•aws help •aws comman •aws ec2 he		
	scribes-instancesoutput text scribe-instancesoutput json	
•aws s3 ls		
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