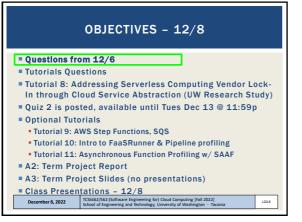




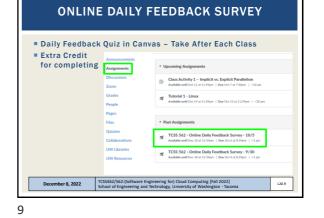
Tutorial 3: ec2; Tutorial 4: Lambda; Tutorial 5: Simple Storage Service, Lambda, CloudWatch, CloudTrail; Tutorial 6: RDS, Lambda





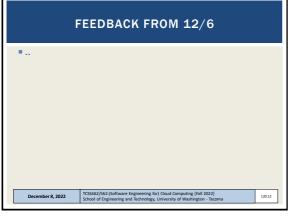


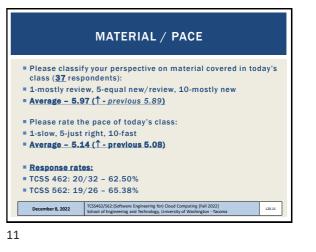


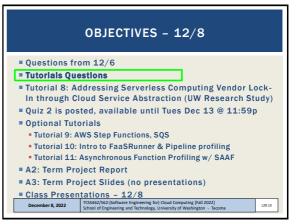


TCSS 562 - Online Daily Feedback Survey - 10/5 **Ouiz Instructions** Question 1 0.5 pt On a scale of 1 to 10, please classify your perspective on material covered in today's 1 2 3 4 5 6 7 8 9 10 Mostly Review To Me Hostly Question 2 0.5 pts 1 2 3 4 5 Slow Just Right TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacom nber 8, 2022 L20.10

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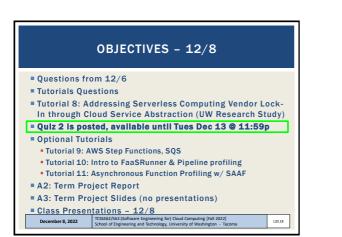


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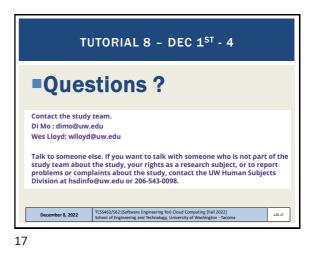
2: Cloud Computing 2: Software Engineering for Cloud Computing Engineering and Technology, UW-Tacoma	
OBJECTIVES - 12/8	TUTORIAL 8 - DEC 1 <sup>st</sup> - 3
Questions from 12/6 Tutorials Questions Tutorial 8: Addressing Serverless Computing Vendor Lock-	Completing Tutorial 8 - if not in the study
In through Cloud Service Abstraction (UW Research Study) Quiz 2 is posted, available until Tues Dec 13 @ 11:59p	Tutorial 8 must be completed by December 9th Instructor available for guestions
Optional Tutorials	Submit code via Canvas
<ul> <li>Tutorial 9: AWS Step Functions, SQS</li> <li>Tutorial 10: Intro to FaaSRunner &amp; Pipeline profiling</li> <li>Tutorial 11: Asynchronous Function Profiling w/ SAAF</li> </ul>	Full credit will be awarded for participation in the activity regardless of correctness or outcome.
<ul> <li>A2: Term Project Report</li> <li>A3: Term Project Slides (no presentations)</li> <li>Class Presentations - 12/8</li> </ul>	Must request account credentials from instructor by email
December 8, 2022         TCSAS/S52:SCH2/E of Engineering and Technology, University of Washington - Tacoma         L20.14	December 8, 2022         TCSS452/562:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma         L20.15
4	15

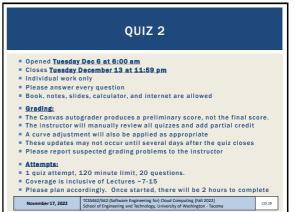
**TUTORIAL 8** Please upload zip or tar.gz file with maven project source code to Canvas Also provide code to <u>dimo@uw.edu</u> if in the study If in the study: - Complete experiment pre-survey Complete java self-assessment survey Complete experiment post-survey Provide Di Mo with an email address for Amazon eGift Card All components must be submitted for eGift Card TCSS462/S62:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Taco December 8, 2022 L20.16

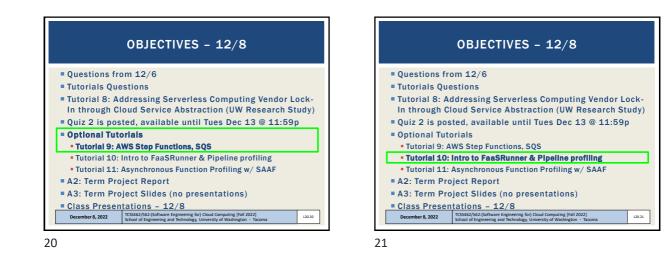
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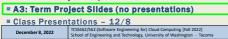


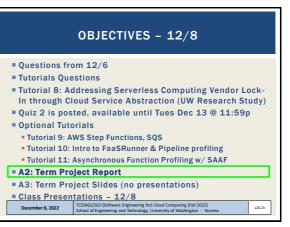


**OBJECTIVES - 12/8** Questions from 12/6 Tutorials Questions Tutorial 8: Addressing Serverless Computing Vendor Lock-In through Cloud Service Abstraction (UW Research Study) Quiz 2 is posted, available until Tues Dec 13 @ 11:59p Optional Tutorials Tutorial 9: AWS Step Functions, SQS • Tutorial 10: Intro to FaaSRunner & Pipeline profiling • Tutorial 11: Asynchronous Function Profiling w/ SAAF A2: Term Project Report A3: Term Project Slides (no presentations) Class Presentations - 12/8 ing (Fall 2022) shington - Ta L20.22 December 8, 2022 School of En

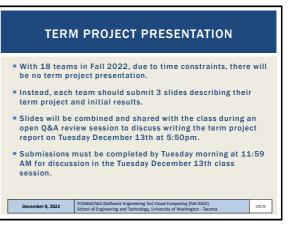
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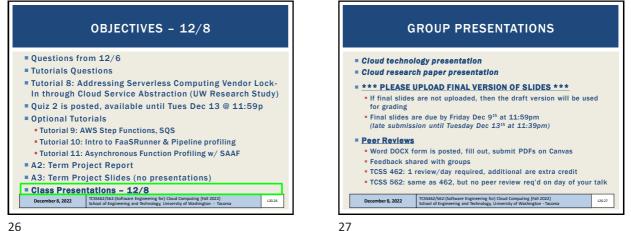


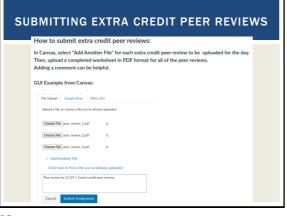


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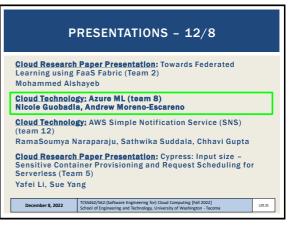


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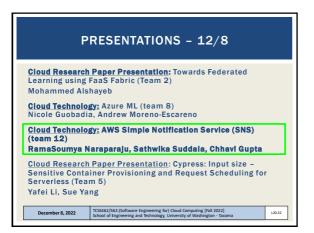


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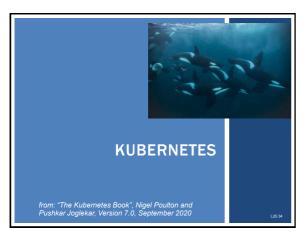




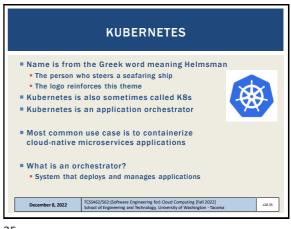


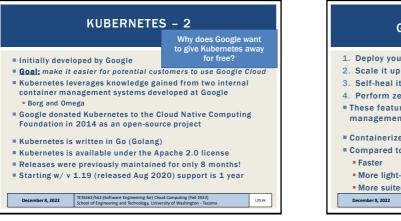


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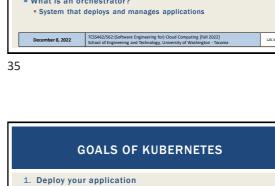


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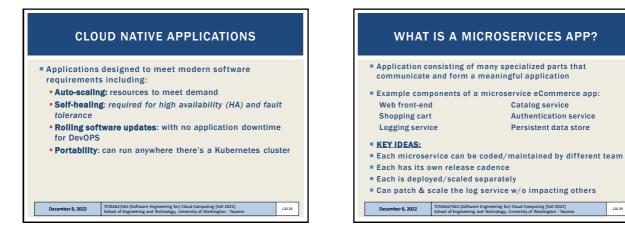


- 2. Scale it up and down dynamically according to demand
- 3. Self-heal it when things break
- 4. Perform zero-downtime rolling updates and rollbacks
- These features provide automatic infrastructure management
- Containerized applications run in container(s)
- Compared to VMs, containers are thought of as being:

  - More light-weight

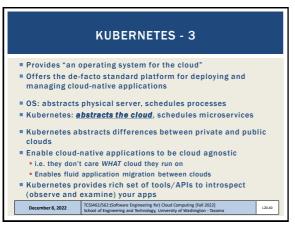
## More suited to rapidly evolving software requirements TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma L20.37

L20.39



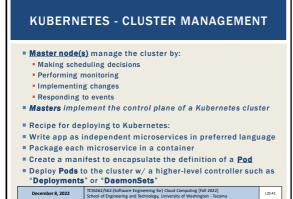
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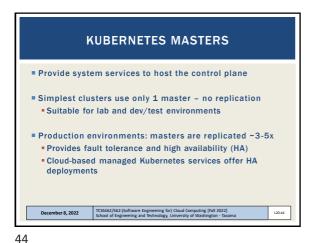


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 Subset and a server

 Subset as store

 Controller

 Manager

 Scheduler

 Cloud controller

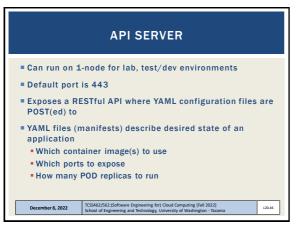
 Cloud controller

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 Cloud controller

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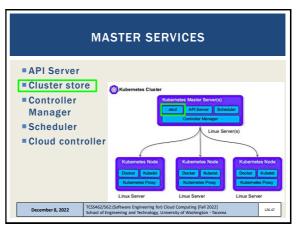
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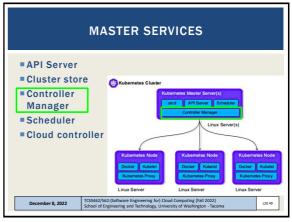


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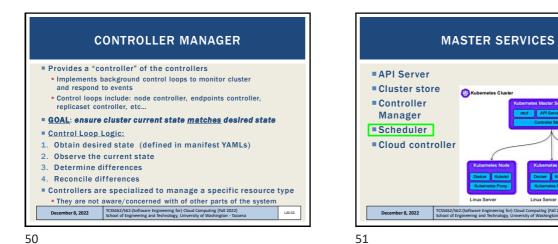


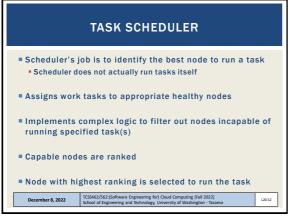




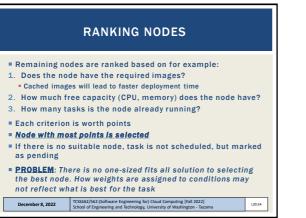


L20.5

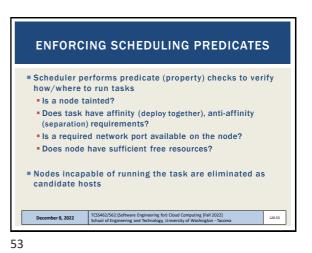


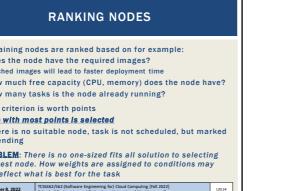


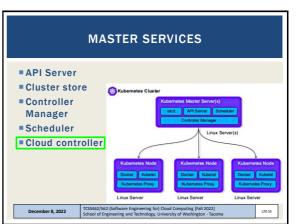
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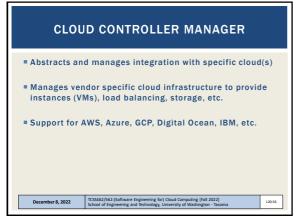


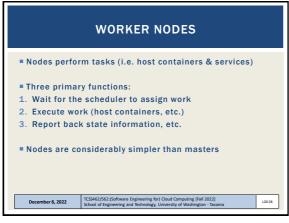




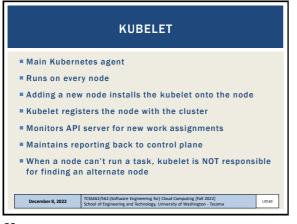




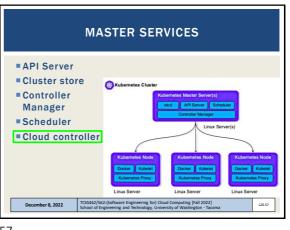




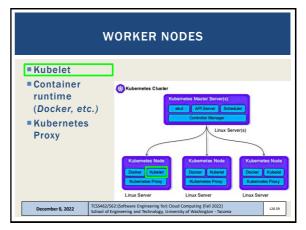


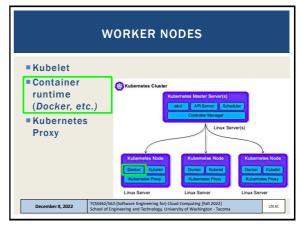




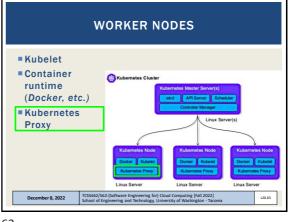


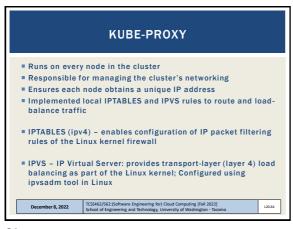
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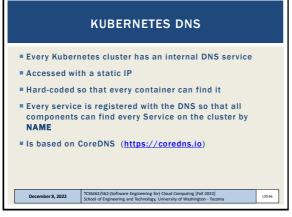




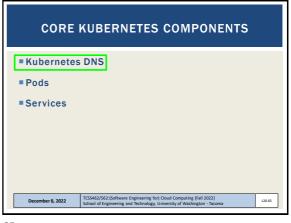


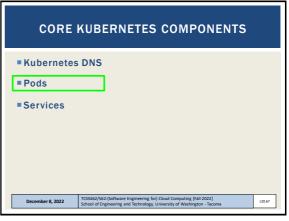


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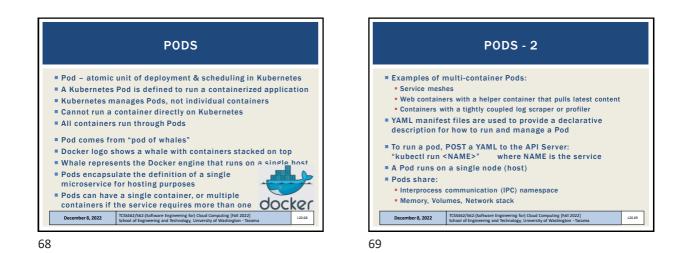
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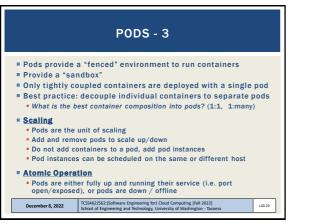




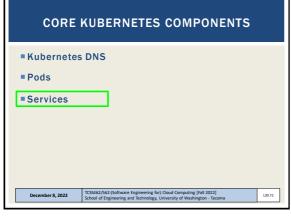




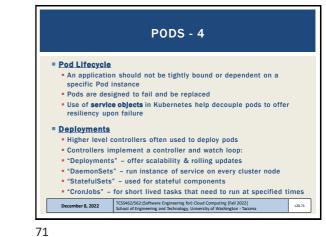




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**EXAMPLATE:** Substrate Structures and and any structures and a structure and a struct

