





Subscription

 • Daily Feedback Quiz in Canvas – Take After Each Class

 • Extra Credit for completing

 • Complet

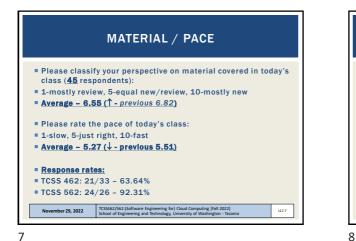
TCSS 562 - Online Daily Feedback Survey - 10/5

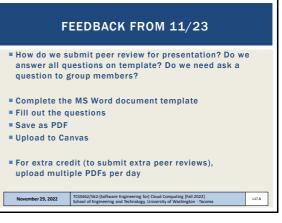
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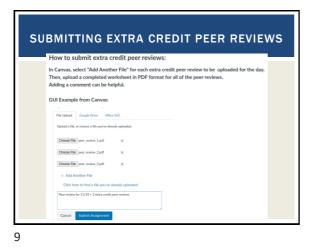
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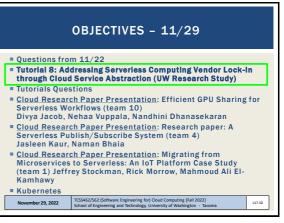
L17.6

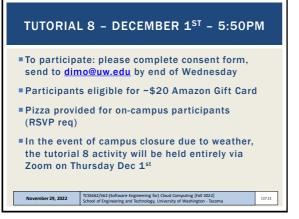




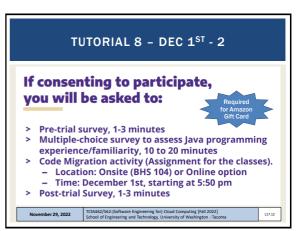


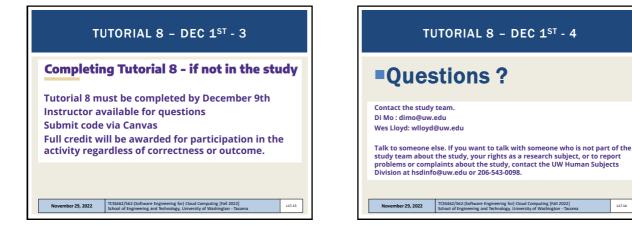




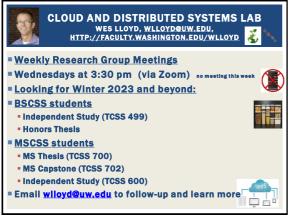




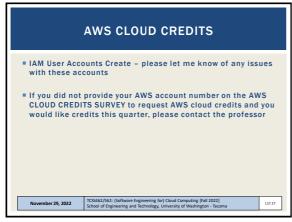




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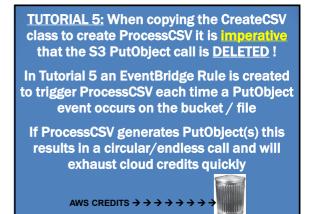


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16



[Fall 2022]

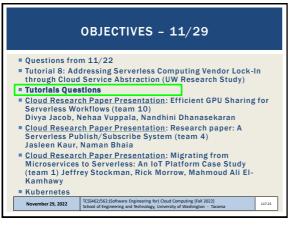
<u>Please</u> verify there are no unusual billing issues in your account every couple of days – Click on your name in the upper right hand corner of the AWS console

Select 'Billing Dashboard'. Check charges for services used in tutorials.

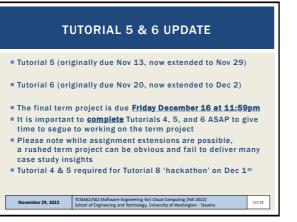
<u>Tutorial 3</u>: ec2; <u>Tutorial 4</u>: Lambda; <u>Tutorial 5</u>: Simple Storage Service, Lambda, CloudWatch, CloudTrail; <u>Tutorial 6</u>: RDS, Lambda



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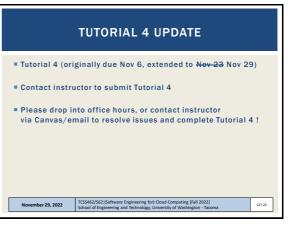


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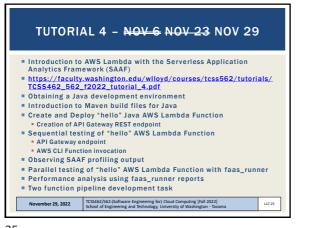
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EXEMPTE: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering for Cond Computing (Fall 2022) Exempte: Control of Engineering and Engineering Control of Valuant Control of Cond Computing (Fall 2022) Exempte: Control of Engineering and Engineering Control of Valuant Con





TUTORIAL 4 - RESUBMISSION

For tutorial 4 submissions, several submission indicate Thread.sleep(10000) was added but the results for the question 6 do not confirm this.

The provided results from the SAAF Report Generator were from a test run before the **Thread.Sleep()** statement was added to the

The **Thread.Sleep()** statement was added in the incorrect location of the code

When opening the CSV output from the Report Generator, the file

ware Engineering for) Cloud Computing [Fall 2022] ing and Technology, University of Washington - Tac

Be sure to correctly open the CSV file in the spreadsheet. Columns can be offset resulting in the wrong answers being provided for Question 6.

separator characters were set incorrectly

TCSS462/562:(Softw School of Engineerin

The only separator for a CSV file is the comma '



It is possible that:

ber 29, 2022

1

2.

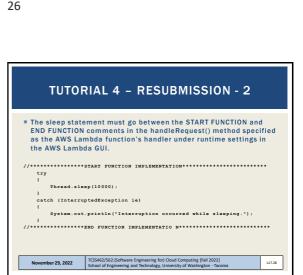
3.

Ne

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code OR

- OR -



IAM USERS - TUTORIAL 4

Students completing tutorial 4 with an IAM user account may

omputing [Fall 2022] of Washington - Tai

L17.26

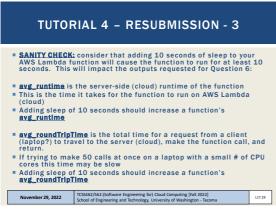
Please contact the instructor if encountering any issues

encounter permission issues

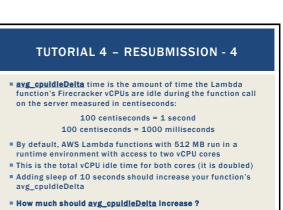
November 29, 2022



L17.27



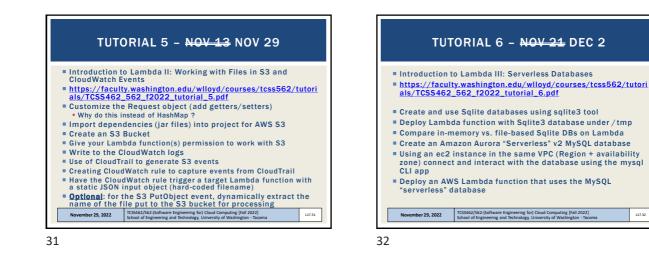


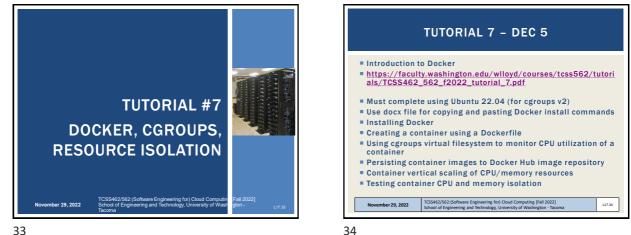


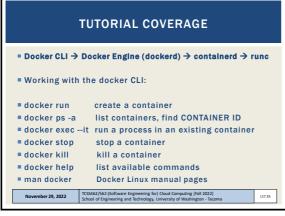
	TCSS462/562: (Software Engineering for) Cloud Computing [Fall 2022] School of Engineering and Technology, University of Washington - Tacoma	L17.30







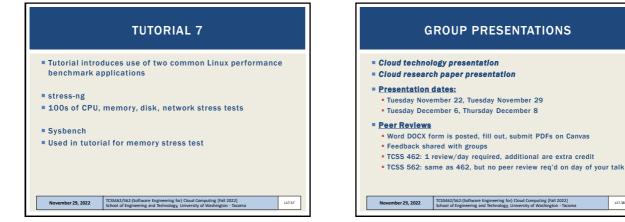




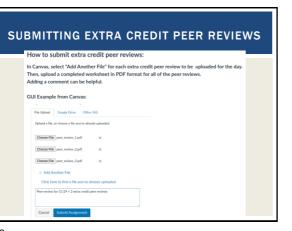
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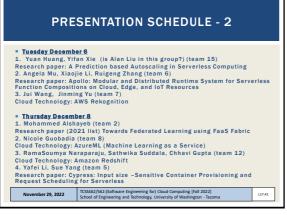




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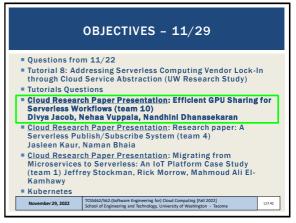
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40

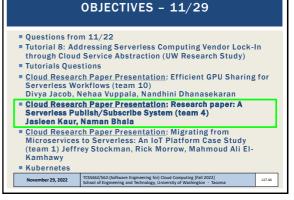




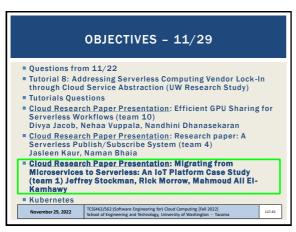
TCSS 462: Cloud Computing TCSS 562: Software Engineering for Cloud Computing School of Engineering and Technology, UW-Tacoma



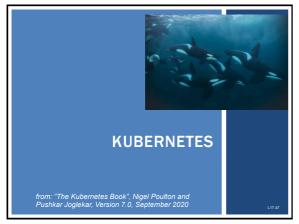




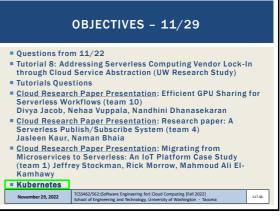
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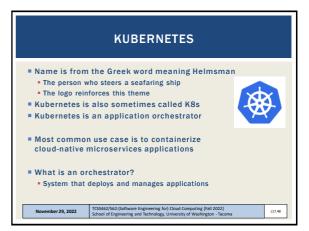


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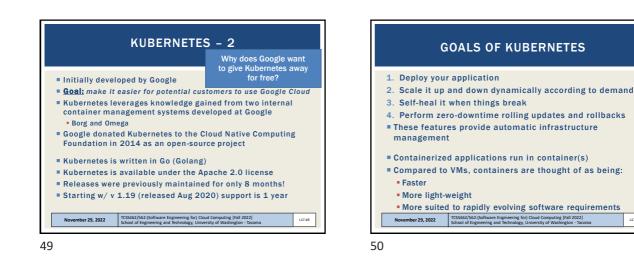


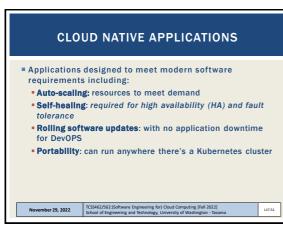




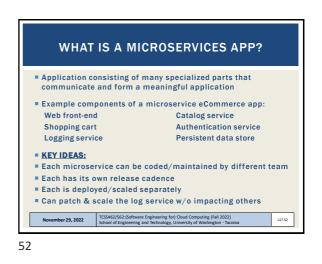




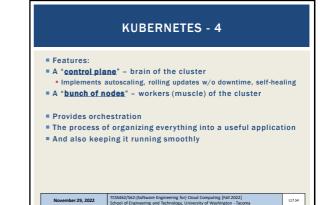


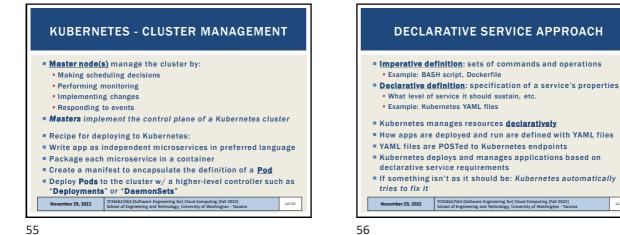


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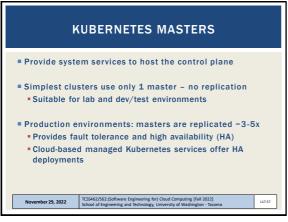




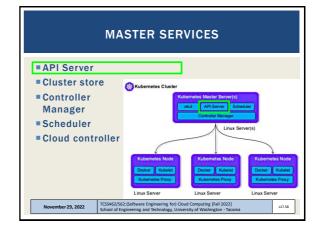




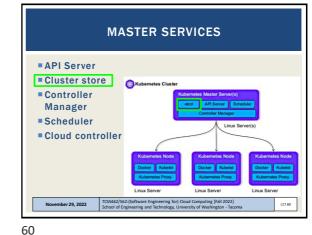
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L17.59

Default port is 443

Exposes a RESTful API where YAML configuration files are POST(ed) to

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API SERVER

YAML files (manifests) describe desired state of an application

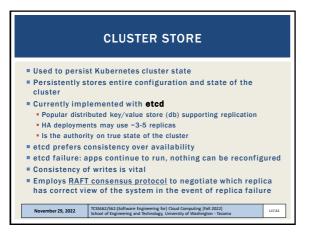
Can run on 1-node for lab, test/dev environments

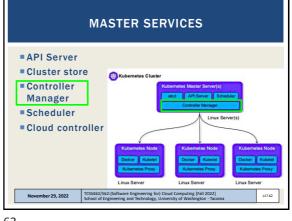
- Which container image(s) to use
- Which ports to expose

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How many POD replicas to run



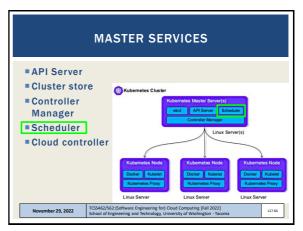


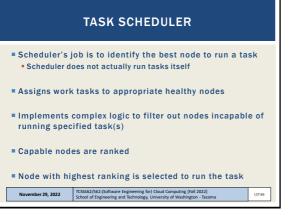


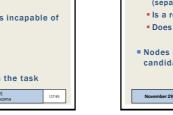
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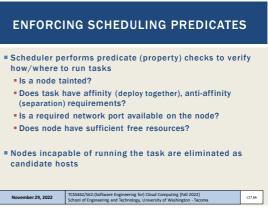


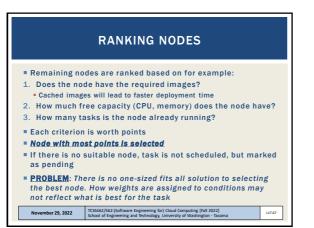
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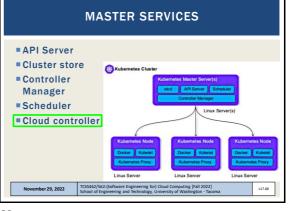






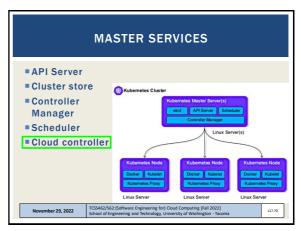




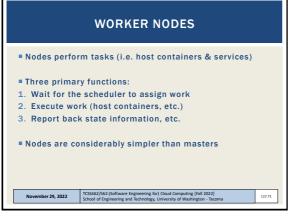




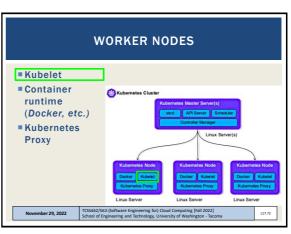
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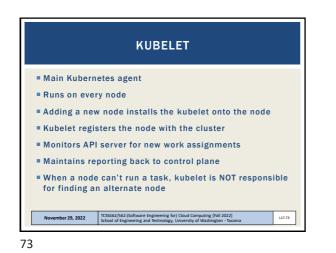


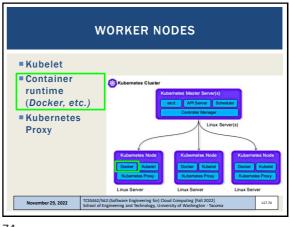
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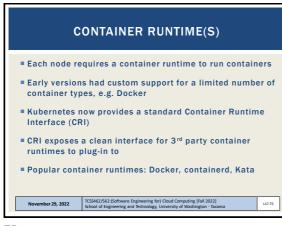




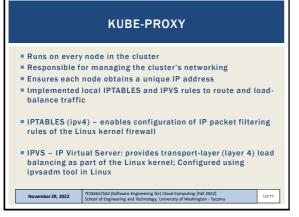




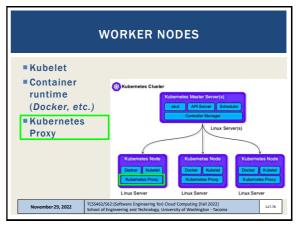


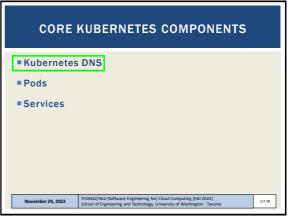


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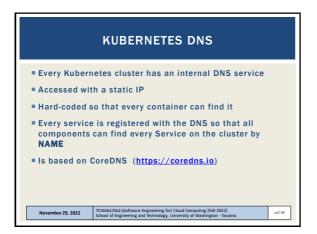


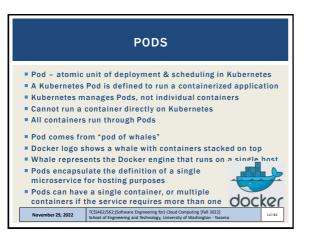
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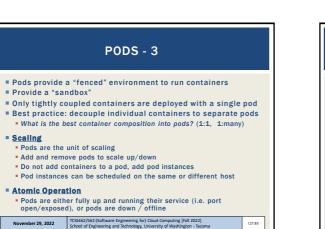




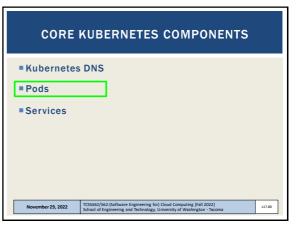




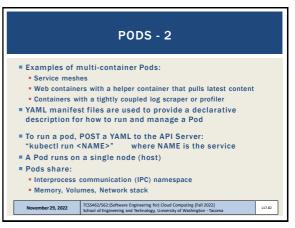
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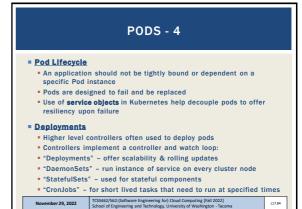




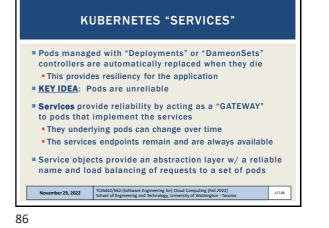


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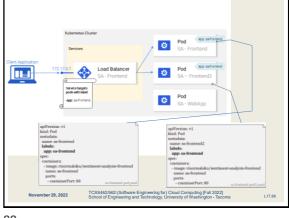




CORE KUBERNETES COMPONENTS • Kubernetes DNS • Pods • Services					
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SERVICES Provide reliable front-end with: Stable DNS name IP Address Port Services do not posses application intelligence No support for application-layer host and path routing Services have a "label selector" which is a set of lables Requests/traffic is only sent to Pods with matching labels Services only send traffic to healthy Pods • KEY IDEA: Services bring stable IP addresses and DNS names to unstable Pods mber 29, 2022 L17.87 N 87



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