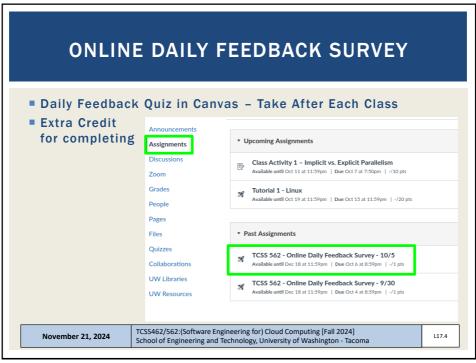
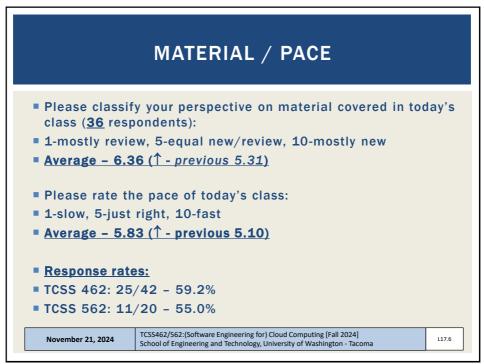


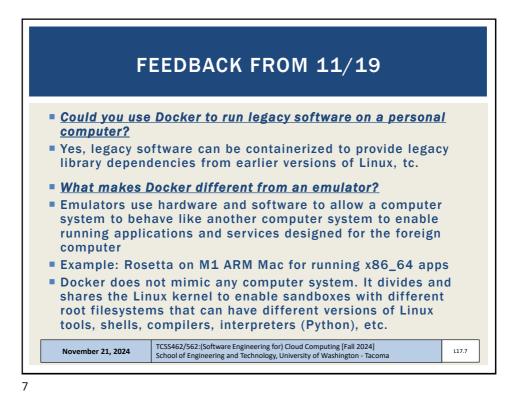
| | DBJECTIVES - 11/21 | |
|--|---|-------|
| Questions from Tutorials Question | | |
| Class Present Cloud Technol | ations Schedule - ogy or Research Paper Review /S Step Functions, AWS SQS | |
| | rverless Beyond Java, Container-Based | |
| - Kubernetes | | |
| | | |
| | TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2024] School of Engineering and Technology, University of Washington - Tacoma | L17.3 |

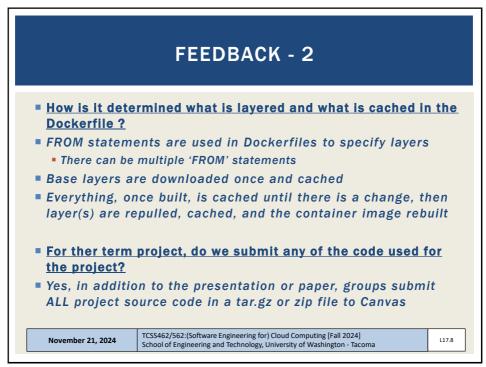


| C | Question 1 | Question 1 0.5 pts On a scale of 1 to 10, please classify your perspective on material covered in today's class: | | | | | | | | |
|---|------------------------|--|-----------|--------------------|-----|---|---|---|---------------------|--|
| | | | | | | | | | | |
| | 1 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| | Mostly Review To Me | | Nev | Equal w and Rev | iew | | | | Mostly New to Me | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | Question 2 | | | | | | | | 0.5 pts | |
| | Please rate th | e pace of | today's o | class: | | | | | | |
| | 1 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| | Slow | | Ju | ıst Right | | | | | Fast | |

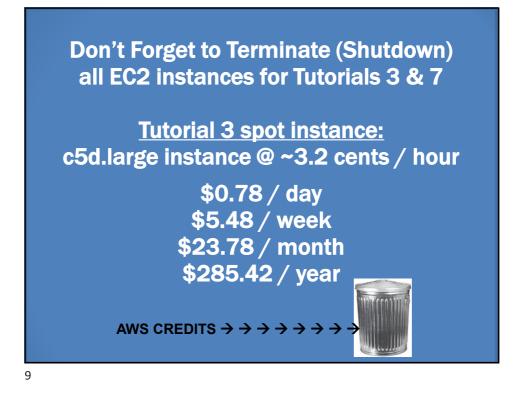


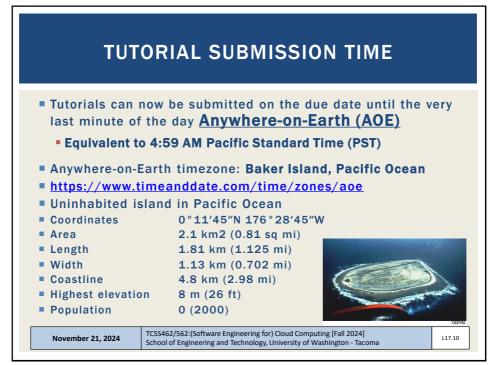






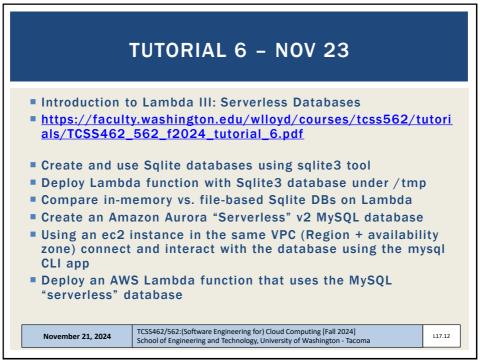


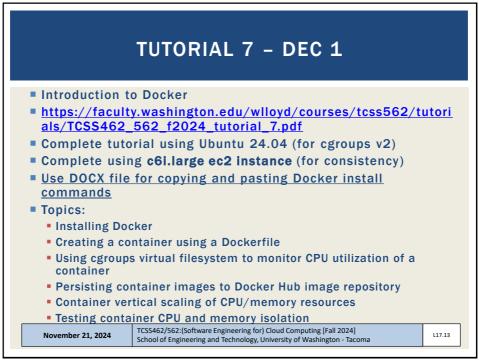


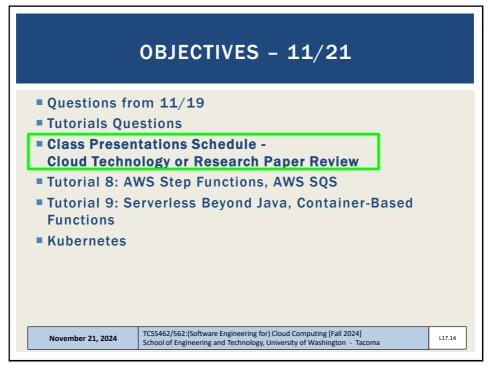


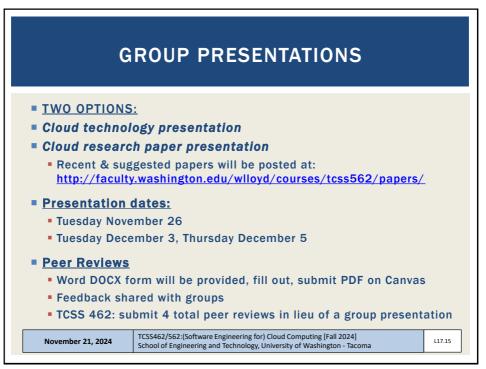


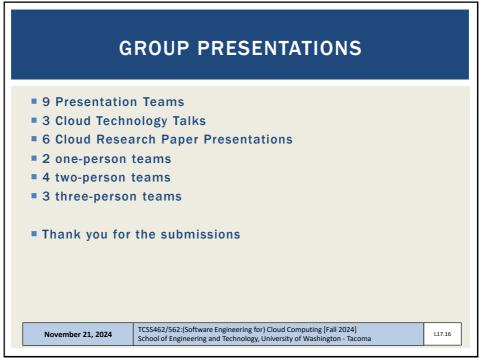
| | OBJECTIVES - 11/21 | |
|--------------------------------|--|--------|
| Cloud Techno Tutorial 8: AV | | |
| November 21, 2024 | TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2024] | 117.11 |





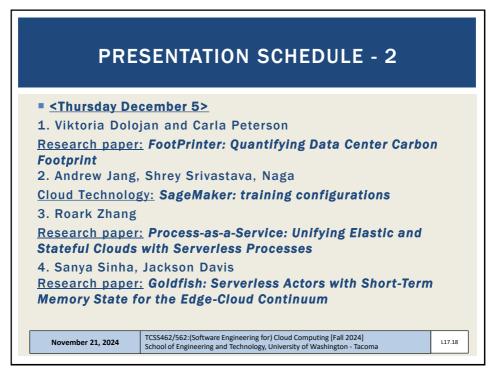


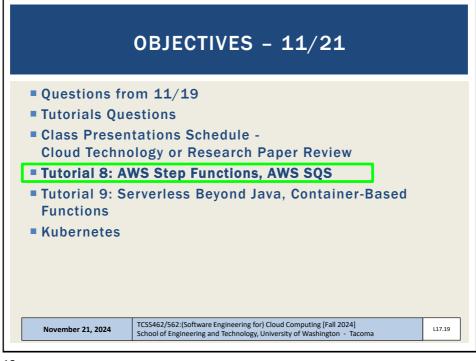


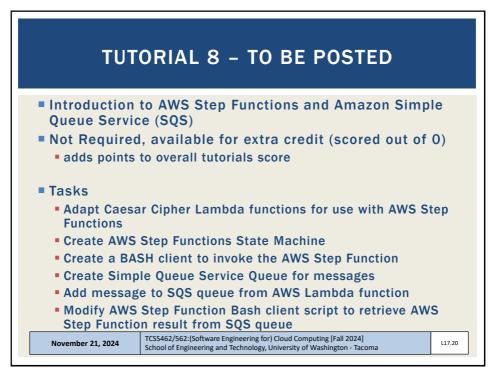


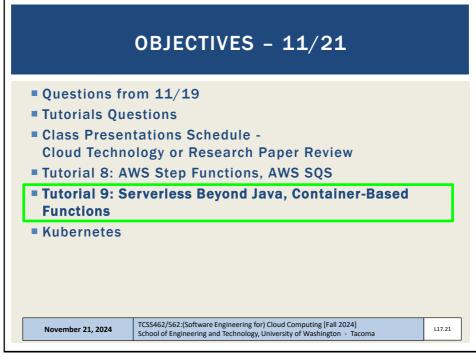


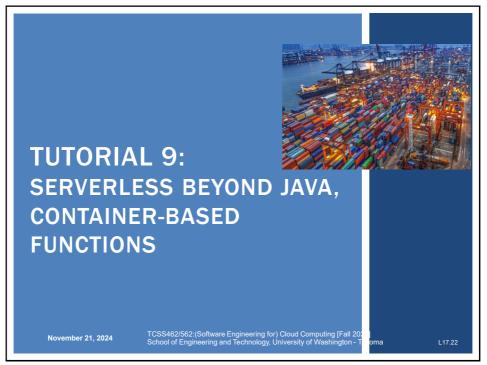


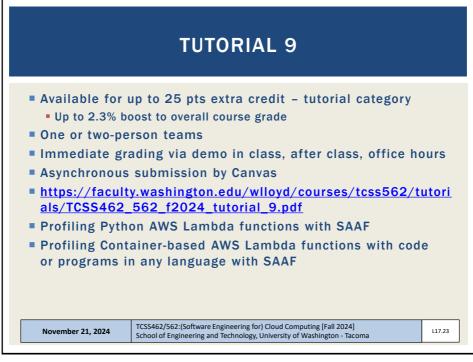




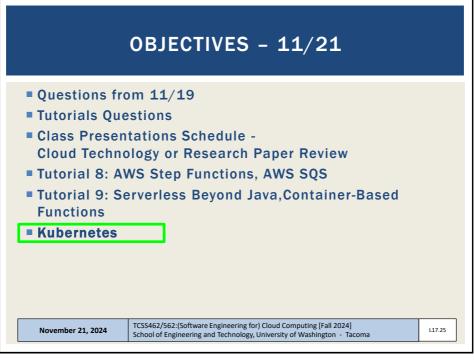




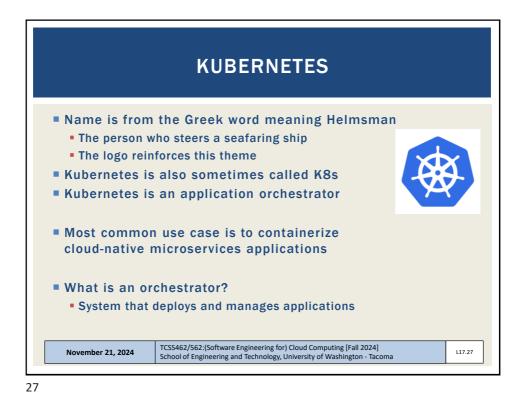






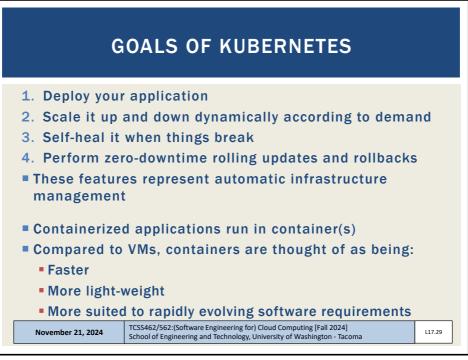


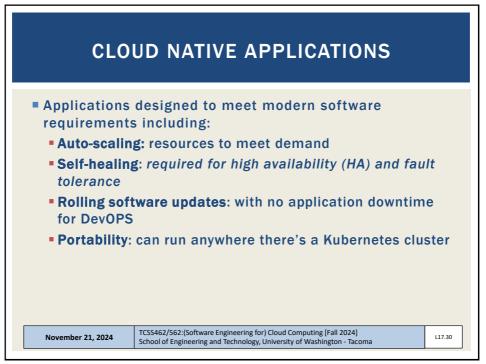


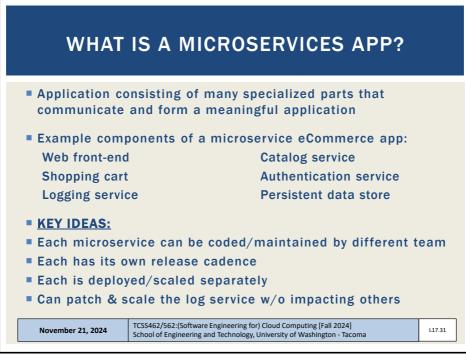


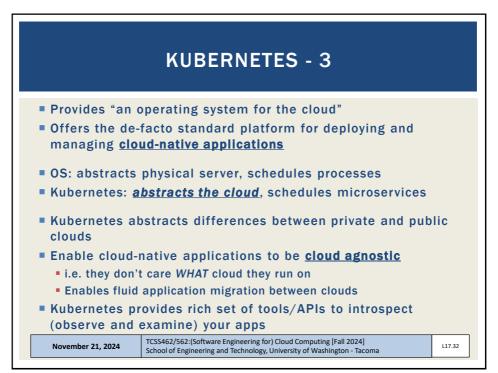
KUBERNETES - 2 Why does Google want to give Kubernetes away for free? Initially developed by Google • Goal: make it easier for potential customers to use Google Cloud Kubernetes leverages knowledge gained from two internal container management systems developed at Google Borg and Omega Google donated Kubernetes to the Cloud Native Computing Foundation in 2014 as an open-source project Kubernetes is written in Go (Golang) Kubernetes is available under the Apache 2.0 license Releases were previously maintained for only 8 months! Starting w/ v 1.19 (released Aug 2020) support is 1 year TCSS462/562:(Software Engineering for) Cloud Computing [Fall 2024] November 21, 2024 117 28 School of Engineering and Technology, University of Washington - Tacoma



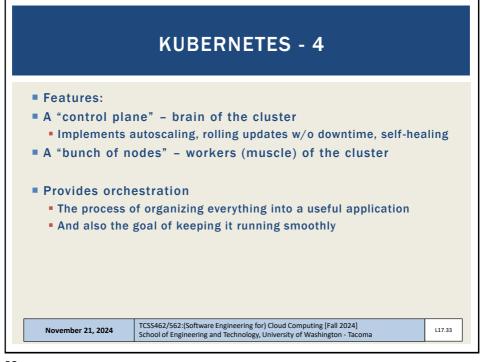


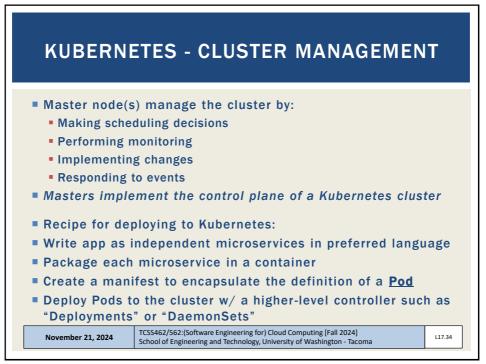




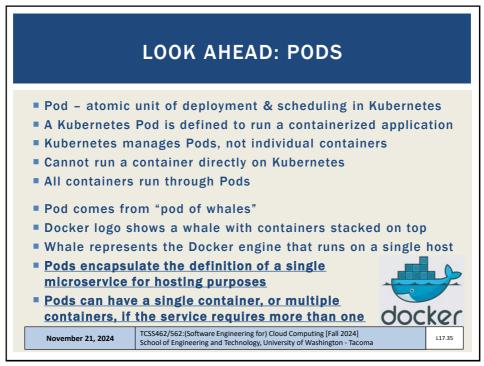


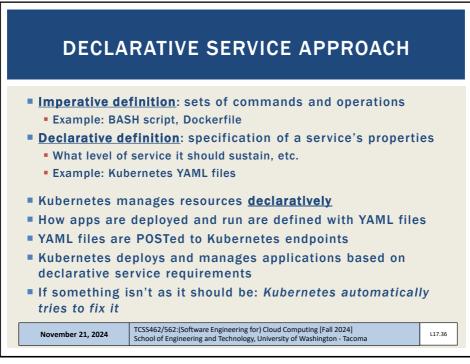


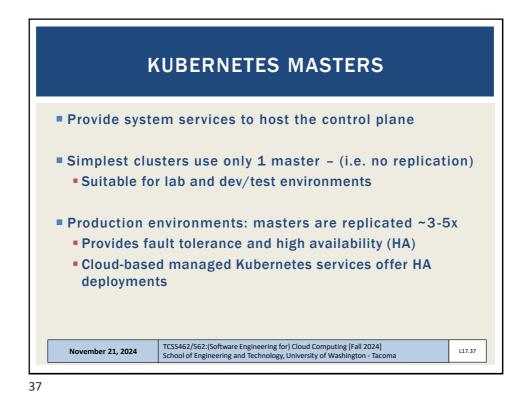




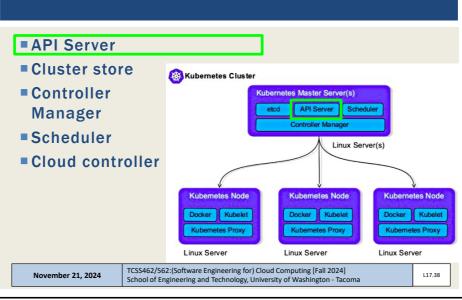


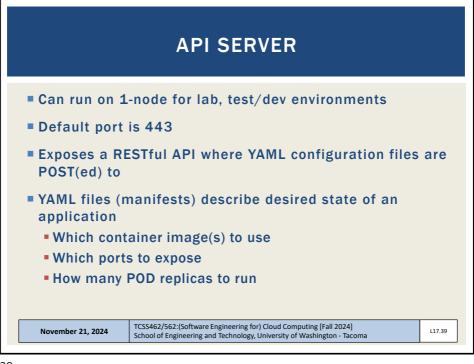


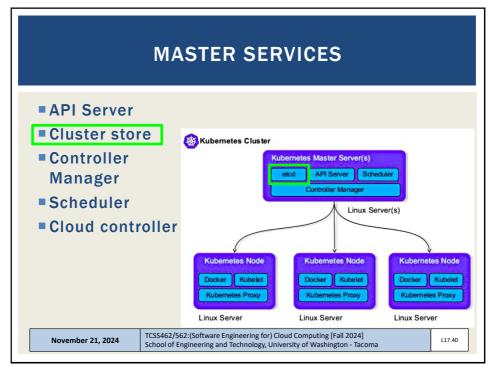


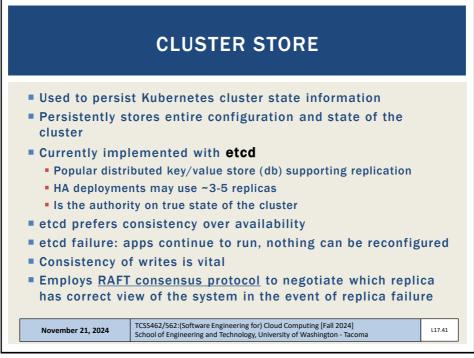


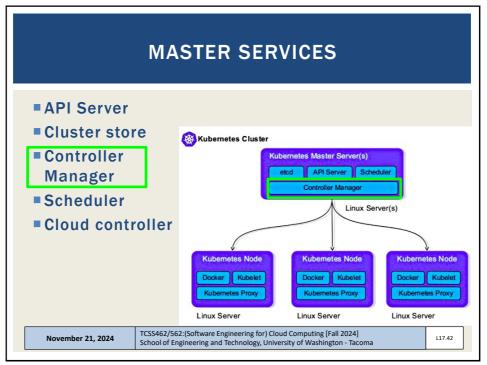
MASTER SERVICES API Server Cluster store Controller



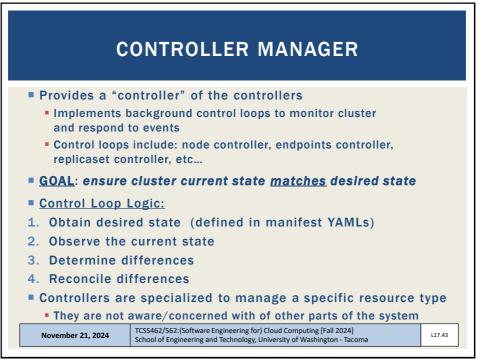


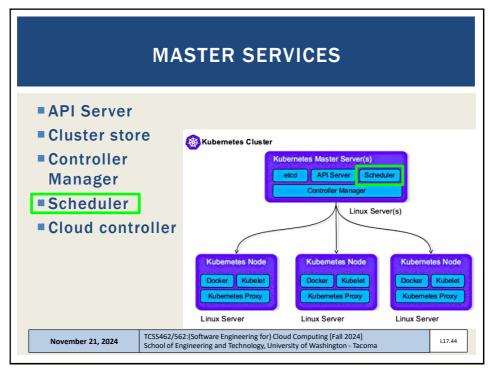


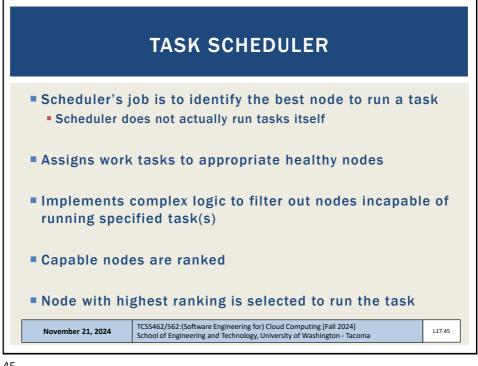


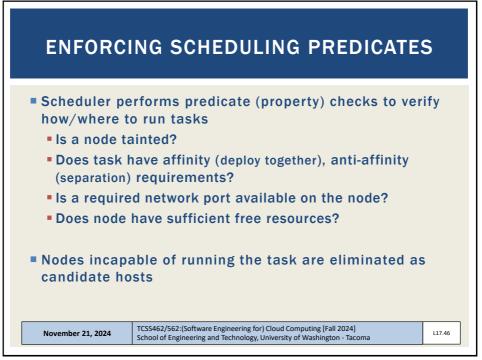


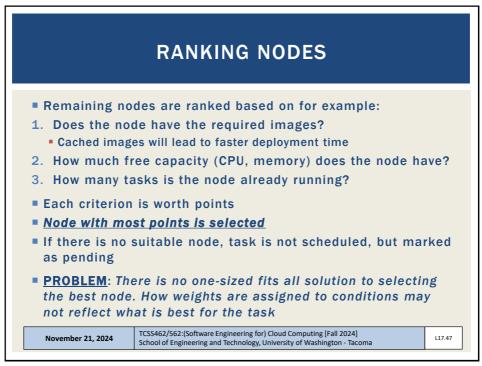


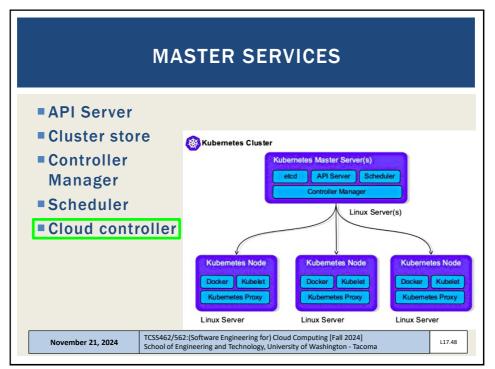


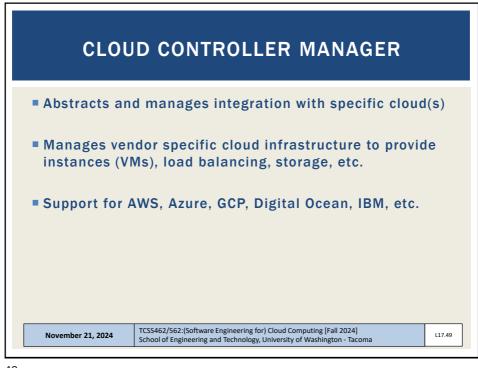


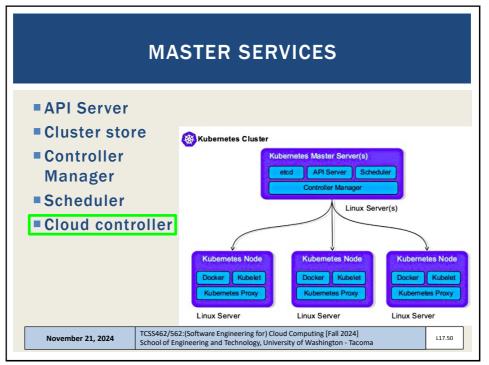


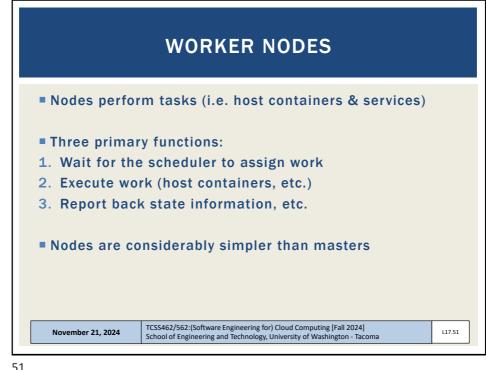


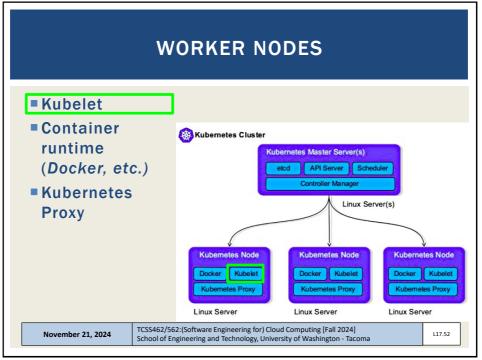


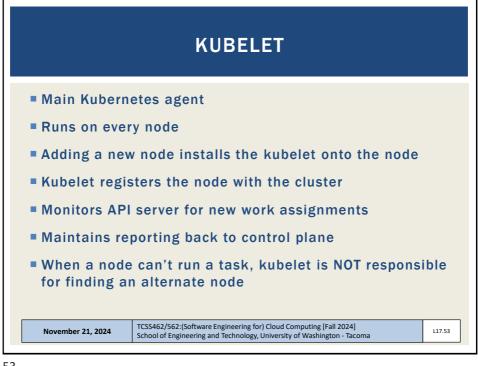


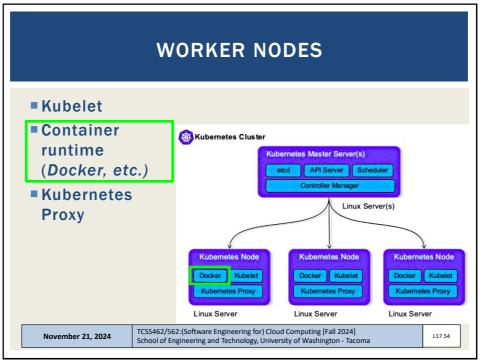


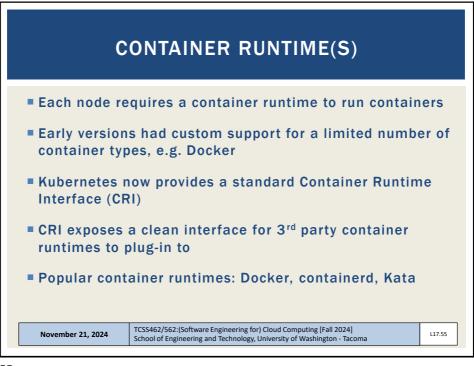


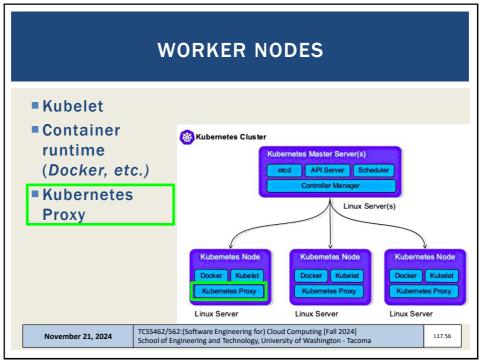


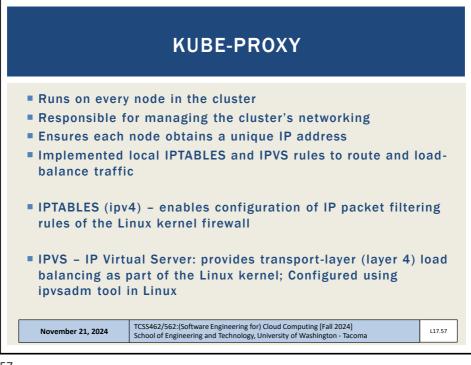


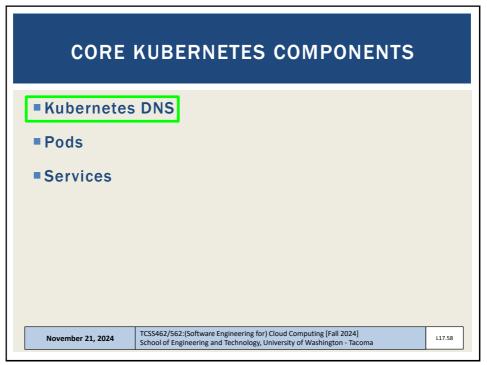


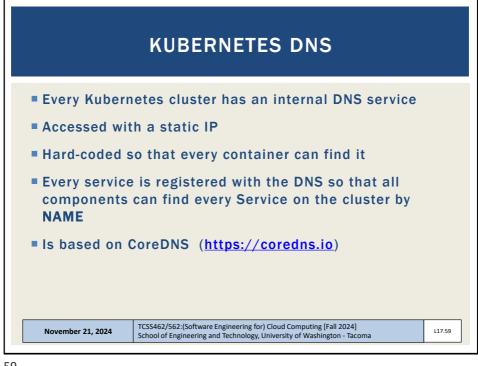


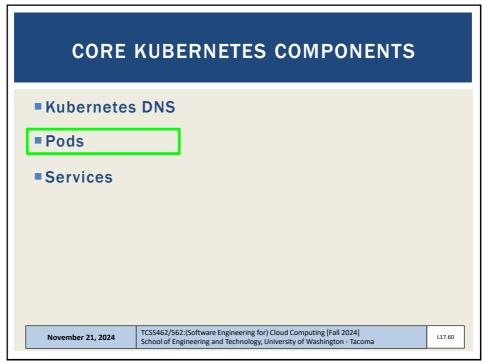


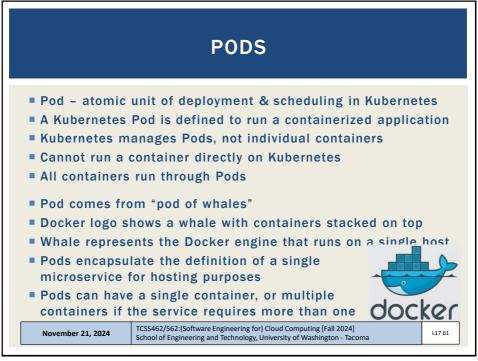


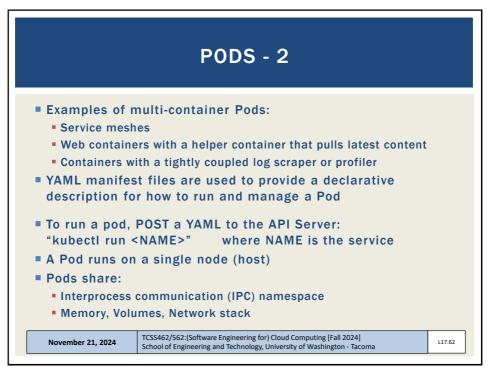




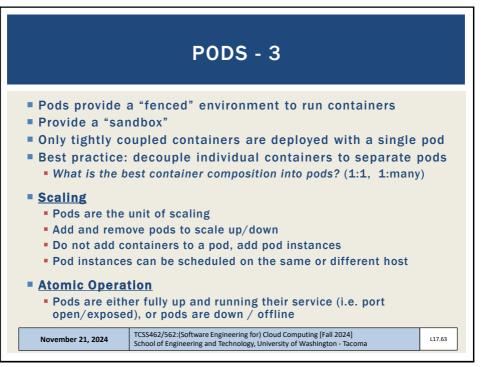


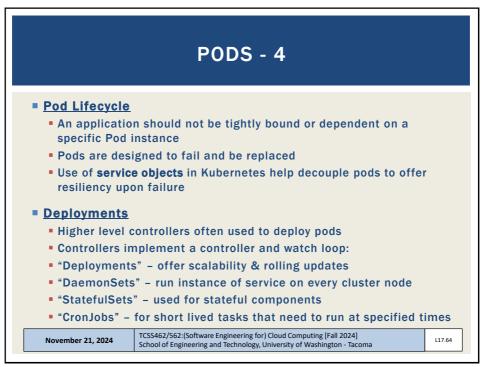












| CORE | KUBERNETES COMPONENTS | |
|-------------------|---|--------|
| Kubernetes | s DNS | |
| ■ Pods | | |
| Services | | |
| | | |
| | | |
| | | |
| | | |
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