







 $\mathbf W$  university of washington

# **Technology Disadvantages**

- Need more out of the box support and integration to receive events from services like MongoDB and NoSQL databases.

- Are not good for long processes.

- Limit on the total size of the deployment

### W UNIVERSITY of WASHINGTON

## **Cost Discussion**

Cloud Functions is efficient when both highly utilized (scaling seamlessly to 10,000+ parallel requests), and when used only periodically (once a week).

#### Examples

The table below highlights how your action configurations, along with usage, can impact your overall free tier and monthly cost.

Action Execution TimeAction MemoryExecutions Per MonthCost Per Month

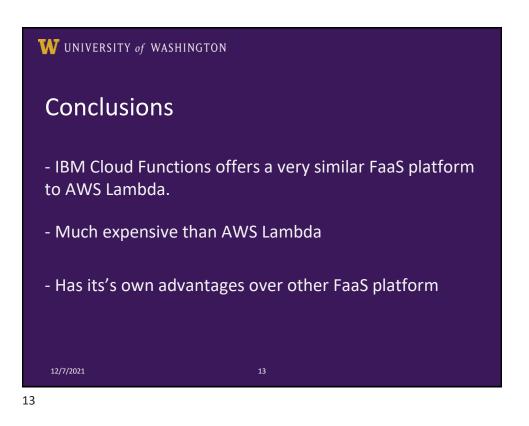
500ms	128MB	5,000,000	Free	
500ms	256MB	5,000,000	\$3.83	
500ms	512MB	5,000,000	\$14.45	
1,000ms	128MB	10,000,000	\$14.45	
1,000ms	256MB	10,000,000	\$35.70	
1,000ms	512MB	10,000,000	\$78.20	

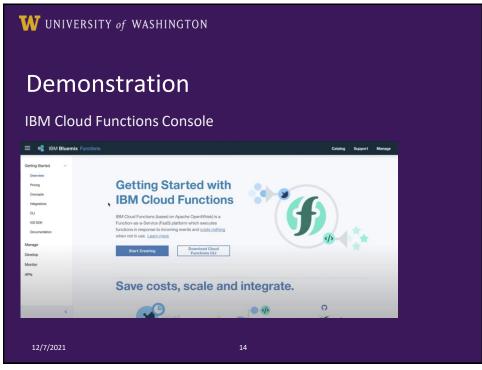
12/7/2021

11

#### 11

Lost Ex	ample	
Pricing Calculator		
Basic Rate	\$0.000017 GB-s	
Avg. Execution Time (in ms)	3000	
Action Memory (in MB)		
Executions Per Month		
Include Free Tier: (400,000 GB-s free)		
Cost Per Month	\$2.55	





W UNIVERSITY of WASHINGTON				
Demonstration				
IBM CLI				
- Provides commands for managing resources in IBM Cloud				
curl -fsSL https://clis.cloud.ibm.com/install/osx   sh				
<pre>\$ ibmcloud login</pre>				
12/7/2021 15				

