

SIT323 - Assessment Task 2 - Rubric
Mark ULO

CODING						
1	Obtaining URLs from the user via the application.	failed, or URLs hardcoded	URLs obtained from user input.		4	ULO3
2	Importing remote configuration files that are on Azure.	failed, local files used, or downloaded files used	Remote files imported.		4	ULO3
3	Layout	Code (or worksheet) layout is unacceptable.	Code (or worksheet) layout is acceptable.		4	ULO3
OPTIMISATION						
4	Using "TestA.txt", a set of allocations, associated runtimes and energy consumptions, are determined and displayed	nothing displayed within 5 minutes or allocations are invalid	1 valid allocation found, and the minimum energy consumption is < 500	1 valid allocation found, and the minimum energy consumption is < 442	2 or more valid allocations found, and each minimum energy consumption is < 442	10 ULO2
5	Using "TestB.txt", a set of allocations, associated runtimes and energy consumptions, are determined and displayed	nothing displayed within 5 minutes or allocations are invalid	1 valid allocation found, and the minimum energy consumption is < 4000	1 valid allocation found, and the minimum energy consumption is < 3960	1 valid allocation found, and the minimum energy consumption is < 3940	10 ULO2
6	Using "TestC.txt", a set of allocations, associated runtimes and energy consumptions, are determined and displayed	nothing displayed within 5 minutes or allocations are invalid	1 valid allocation found, and the minimum energy consumption is < 1000	1 valid allocation found, and the minimum energy consumption is < 960	1 valid allocation found, and the minimum energy consumption is < 958	10 ULO2
Video - AWS Educate Account						
7	Student ID and name confirmed.	Student did not introduce them self by name OR did not show their ID card.	Student introduced them self by name and showed their ID card.		1	ULO4
8	Student confirmed their AWS Educate account name.	Student did not confirm their AWS Educate account name.	Student introduced them self by name and displayed their AWS Educate account name (top right corner).		1	ULO4
9	Student confirmed that are using the North Virginian region.	Student did not confirm that they are using the N Virginian region.	Student displayed that they are using the N Virginian region (top right corner).		1	ULO4
Video - AWS Resources						
10	VM instances (ay least 2 per application).	VM instances were not presented.	VM instances for 1 appliacion are presented.	VM instances for 2 applications are presented.	VM instances for 3 or more applications are presented.	3 ULO4
11	AMIs (one per application).	AMIs were not presented.	1 AMI presented.	2 AMIs presented.	3 or more AMIs presented.	3 ULO4
12	Snapshots.	Snapshots were not presented.	1 snapshot presented.	2 snapshots presented.	3 or more snapshots presented.	3 ULO4
13	Security Groups.	Security group was not presented.	1 Security Group allowing TCP for ports 80 and remote login was presented.	2 Security Groups allowing TCP for ports 80 and remote login was presented.	3 or more Security Groups allowing TCP for ports 80 and remote login was presented.	3 ULO4
14	Kay Pair.	Key pair was not presented.	1 Key Pair presented.	1 pem file presented.	1 Key Pair and associated pem file presented.	3 ULO4
15	Application Load Balancer.	Load balancer was not presented.	1 Load Balancer presented.	2 Target Groups were utilised by the Load Balancer.	3 or more Target Groups were utilised by the Load Balancer.	3 ULO4
16	Target Groups (one per applciation).	Target groups were not presented.	1 Target Group and associated web servers presented.	2 Target Groups and associated web servers presented.	3 or more Target Groups and associated web servers presented.	3 ULO4
Video - AWS Web Servers and Load Balancer						
17	Demonstrate that your load balancer is correctly forwarding requests to web servers of each target group.	No HTTP response is returned by a web server.	It is clearly indicated that HTTP requests are forwarded by the load balancer, and HTTP responses are returned by just one web server of just one target group.	It is clearly indicated that HTTP requests are forwarded by the load balancer, and HTTP responses are returned by each web server of just one target group.	It is clearly indicated that HTTP requests are forwarded by the load balancer, and HTTP responses are returned by each web server of each target group.	6 ULO4