Server Documentation for RoyoOrders.2.0 Platform

➢ **Requirements:-**

1. Server with ubuntu 20.04 operating system
2. Domain with logins
3. Twilio logins for SMS services.
4. SMTP Mail services (Mailgun, Gsuite, Sendgrid etc.).

➢ **Requirement for Server:-**

1. Servers with 20.04 O.S. (preferred AWS)
2. S3 Bucket to store images
3. IAM user (Access key ID &Secret access key) for access S3 bucket

➢ **Approximate cost of Servers of AWS(**recommended Configuration)**:-**

Server Option 1									
Sr.No	Server type	Instance Type	CPU	RAM	Disk	Quantity	Price per Instance /pm	Disk Price /pm	Total
1	EC2 server(Order panel+dispatch panel+ database locally installed)	t3.medium	2	4	30	1	$30	$3	**$33**
2	S3 bucket	NA	NA	NA	NA	1	$0.023/GB		
Server Option 2									
Sr.No	Server type	Instance Type	CPU	RAM	Disk	Quantity	Price per Instance /pm	Disk Price /pm	Total
1	EC2 Server (Order Panel+ database locally installed)	t2.small	2	2	30	1	$15	**$3**	**$18**
2.	EC2 Server (Dispatch Panel+ database locally installed)	t2.small	2	2	30	1	$15	**$3**	**$18**
3	S3 bucket	NA	NA	NA	NA	1	$0.023/GB		
								Total	**$36**

				Server Option 3					
Sr.No	**Server type**	**Instance Type**	**CPU**	**RAM**	**Disk**	**Quantity**	**Price per Instance /pm**	**Disk Price /pm**	**Total**
1	EC2 server(Order panel+ database locally installed)	t3.medium	2	4	30	1	$30	$3	**$33**
2	EC2 Server (Dispatch Panel+ database locally installed)	t3.medium	2	4	30	1	$30	$3	**$33**
3	S3 bucket	NA	NA	NA	NA	1	$0.023/GB		
								Total	**$66**

				Server Option 4					
Sr.No	**Server type**	**Instance Type**	**CPU**	**RAM**	**Disk**	**Quantity**	**Price per Instance /pm**	**Disk Price /pm**	**Total**
1	EC2 server(Order panel)	t3.small	2	2	30	1	$15	$3	**$18**
2	EC2 Server (Dispatch Panel)	t3.medium	2	2	30	1	$15	$3	**$18**
3	RDS(database server)	db.t3.small	2	2	30	1	$25	$3	**$28**
4	S3 bucket	NA	NA	NA	NA	1	$0.023/GB		
								Total	**$64**

				Server Option 5					
Sr.No	**Server type**	**Instance Type**	**CPU**	**RAM**	**Disk**	**Quantity**	**Price per Instance /pm**	**Disk Price /pm**	**Total**
1	EC2 server(Order panel)	t3.small	2	4	30	1	$30	$3	**$33**
2	EC2 Server (Dispatch Panel)	t3.medium	2	4	30	1	$30	$3	**$33**
3	RDS(database server)	db.t3.small	2	2	30	1	$25	$3	**$28**
4	S3 bucket	NA	NA	NA	NA	1	$0.023/GB		
								Total	**$94**

- Packages need to install in servers:-
    1. Nginx (web Server)
    2. Php7.4-fpm
    3. Mysql 8
    4. Composer 2.0
    5. Supervisor
    6. Phpmyadmin
    7. Imageproxy solution