



# ANBIMA

**Aplicação:**

Wordpress

**Responsáveis pela aplicação:**

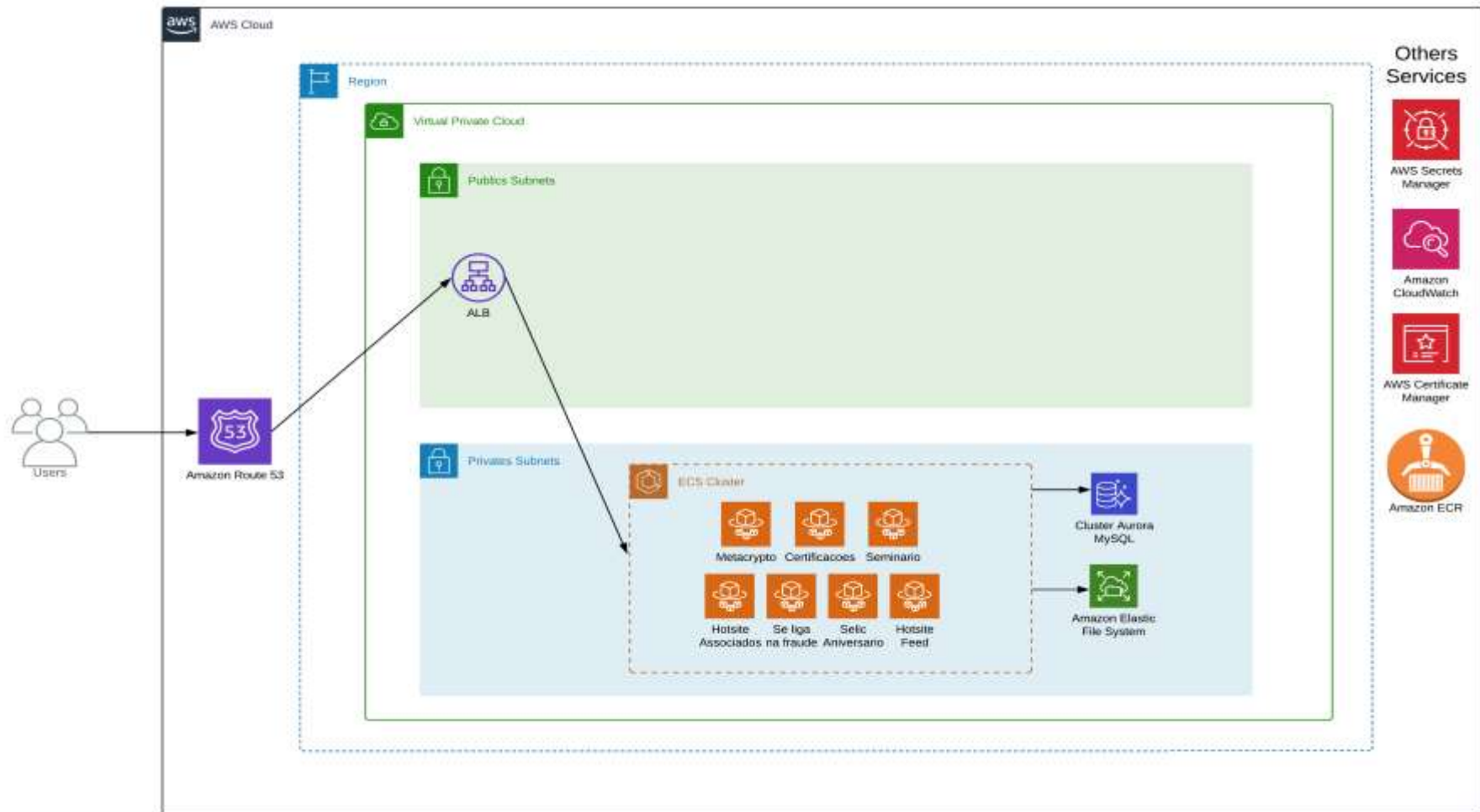
Thiago Pereira - [thiago.pereira@anbima.com.br](mailto:thiago.pereira@anbima.com.br)

Sergio Puntar - [sergio.puntar@anbima.com.br](mailto:sergio.puntar@anbima.com.br)

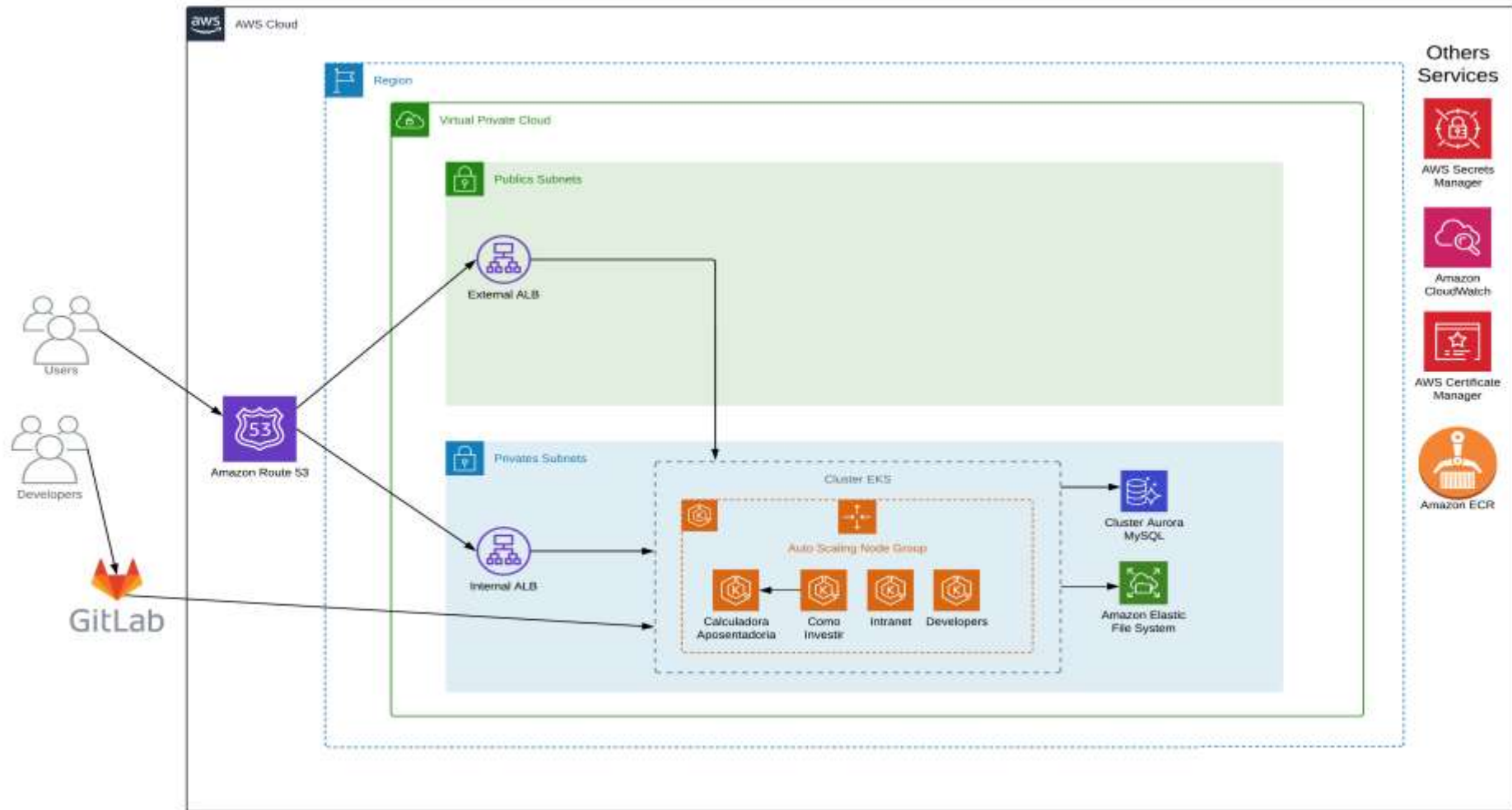
**Gestor de TI:**

Bruno Laino Julian - [bruno.julian@anbima.com.br](mailto:bruno.julian@anbima.com.br)

## Diagrama AWS - ECS



## Diagrama AWS - EKS



ECS WORKLOAD-PRD						
US-EAST-1						
Cluster ECS	Serviços	Task Definition	ROUTE 53	Wordpress Version		
ecs-wordpress-prd-use1	ecs-svc-wordpress-prd-use1-feed ecs-svc-wordpress-prd-use1-selic-aniversario ecs-svc-wordpress-prd-use1-associados ecs-svc-wordpress-prd-use1-se-liga ecs-svc-wordpress-prd-use1-metacrypto ecs-svc-wordpress-prd-use1-seminario ecs-svc-wordpress-prd-use1-phpmyadmin ecs-svc-wordpress-prd-use1-certificacoes	ecs-task-definition-wordpress-prd-use1-phpmyadmin:4 ecs-task-definition-wordpress-prd-use1-certificacoes:2 ecs-task-definition-wordpress-prd-use1-feed:2 ecs-task-definition-wordpress-prd-use1-associados:2 ecs-task-definition-wordpress-prd-use1-selic-aniversario:8 ecs-task-definition-wordpress-prd-use1-metacrypto:2	feed.anbima.com.br@ associados.anbima.com.br metacryptoinvest.prd.anbima.com.br seminario.anbima.com.br certificacoes20.prd.anbima.com.br seliganafraude.anbima.com.br selic40.anbima.com.br	Feed Selic aniversario Associados Se liga na fraude Metacrypto Seminario Certificações	wordpress:php8.1 wordpress:php7.3 wordpress:php8.1 wordpress:php7.4 wordpress:php8.1 wordpress:php7.2 wordpress:php8.1	
ALB	Targets Group	Security Groups		ECR Name		
alb-ecs-wordpress-prd-use1	tg-wp-prd-use1-associados tg-wp-prd-use1-certificacoes tg-wp-prd-use1-feed tg-wp-prd-use1-metacrypto tg-wp-prd-use1-seminario tg-wp-prd-use1-phpmyadmin tg-wp-prd-use1-se-liga tg-wp-prd-use1-selic-aniversario	SG-alb-ecs-wordpress-prd-use1 SG-ecs-svc-wordpress-prd-use1-associados SG-ecs-svc-wordpress-prd-use1-certificacoes SG-ecs-svc-wordpress-prd-use1-feed SG-ecs-svc-wordpress-prd-use1-metacrypto SG-ecs-svc-wordpress-prd-use1-seminario SG-ecs-svc-wordpress-prd-use1-phpmyadmin SG-ecs-svc-wordpress-prd-use1-se-liga SG-ecs-svc-wordpress-prd-use1-selic-aniversario		788006387775.dkr.ecr.us-east-1.amazonaws.com/ecr-cicd-shared-use1/wordpress		
VPC	VPC ID		Subnets privadas			
vpc-internal-prd-use1-wordpress	vpc-0549fc861ae3d5acc		subnet-0cd5b996f31fea1c1 subnet-040387c465f7d785e subnet-097ef538c597b1c76			
RDS (Aurora Cluster)	Security Groups	Public Access	Instance type	Engine Version	Parameter Group	Option Groups
rds-cluster-wordpress-prd-use1-mysql57-ecs	sg-08bd110fa9a4a3cdc	No	db.t4g.medium	5.7.mysql_aurora.2.10.2	rds-db-pg-wordpress-prd-use1-mysql57-ecs	default:aurora-mysql-5-7
EFS	ACCESS POINT	VPC	SUBNET IDS		DNS NAME	
efs-fs-wordpress-prd-use1-associados efs-fs-wordpress-prd-use1-certificacoes efs-fs-wordpress-prd-use1-feed efs-fs-wordpress-prd-use1-metacrypto efs-fs-wordpress-prd-use1-se-liga efs-fs-wordpress-prd-use1-selic-aniversario efs-fs-wordpress-prd-use1-seminario	efs-ap-wordpress-prd-use1-associados efs-ap-wordpress-prd-use1-certificacoes efs-ap-wordpress-prd-use1-feed efs-ap-wordpress-prd-use1-metacrypto efs-ap-wordpress-prd-use1-se-liga efs-ap-wordpress-prd-use1-selic-aniversario efs-ap-wordpress-prd-use1-seminario	vpc-internal-prd-use1-main	subnet-040387c465f7d785e subnet-0cd5b996f31fea1c1 subnet-097ef538c597b1c76		fs-0f00f87c69eb7aa3d.efs.us-east-1.amazonaws.com fs-0706ef80c4398158e.efs.us-east-1.amazonaws.com fs-00338ec391f28e856.efs.us-east-1.amazonaws.com fs-08487676324d2ab41.efs.us-east-1.amazonaws.com fs-0156c29eeb0e8dd32.efs.us-east-1.amazonaws.com fs-0e1bd926f7f795665.efs.us-east-1.amazonaws.com fs-0c238929d0b926461.efs.us-east-1.amazonaws.com	

EKS WORKLOAD-CER							
US-EAST-1							
Cluster EKS	Node Group	Serviços	Instance type	EBS type	EBS size	Security Group - Node Group	
eks-cluster-shared-cer-use1	eks-ng-shared-cer-use1-nodes-shared-Nx11UXgQ	Como investir Intranet Developers	t2.large	gp3	30GB	sg-06c68643e211604af	
ALB	Targets Group	Security Groups			Wordpress Version		
alb-eks-shared-cer-use1-external	k8s-anbimace-comoinve-d44a6ac86f k8s-anbimaco-develope-aa88ac6259	sg-01dc91a965f58e8e4 sg-022c27898f06cec83			Como Investir	wordpress:php7.4	
alb-eks-shared-cer-use1-internal	k8s-anbimarh-intranet-fbd78d706e	sg-07bee247449200e61 sg-01dc91a965f58e8e4			Intranet	wordpress:php7.4	
					Developers	wordpress:php7.4	
VPC	Subnets privadas			Subnets de banco de dados			
vpc-080220eb6f2b1b889	subnet-022d1b8d6724b76de subnet-027ed6e8f0b3c930c subnet-09c6476bdb9ad2e19			subnet-0979176a9f69d9930 subnet-03289600d0a9f5a5a subnet-0921ecae717fa7bab			
RDS (Aurora Cluster)	Security Groups	Public Access	Instance type	Engine Version	Parameter Group	Option Groups	
rds-cluster-shared-cer-use1-mysql	sg-0482904f8bc40e344	No	db.t4g.medium	5.7.mysql_aurora.2.10.2	rds-db-pg-shared-cer-use1-mysql	default:aurora-mysql-5-7	
EFS	Access Point	Subnet IDs	EFS DNS Name		Route 53		
efs-fs-como-investir-cer-use1 efs-fs-intranet-cer-use1 efs-fs-developers-cer-use1	efs-ap-como-investir-cer-use1-wordpress efs-ap-intranet-cer-use1-wordpress efs-ap-developers-cer-use1-wordpress	subnet-022d1b8d6724b76de subnet-09c6476bdb9ad2e19 subnet-027ed6e8f0b3c930c	fs-0fea460be81a71032.efs.us-east-1.amazonaws.com fs-0c9da940a9d88b676.efs.us-east-1.amazonaws.com fs-04829e3b7e2c2588a.efs.us-east-1.amazonaws.com		*.cer.anbima.com.br *.cer.anbima.cloud		
Serviços	Endpoint Principal		Métodos Endpoint Principal		Endpoint (s) Health Check		Status Code Esperado Health Check (s)
como-investir	https://comoinvestir.cer.anbima.com.br		"POST", "GET"		https://comoinvestir.cer.anbima.com.br/health		200
developers	https://developers.cer.anbima.com.br				https://developers.cer.anbima.com.br/health		
intranet	https://intranet.cer.anbima.cloud				https://intranet.cer.anbima.cloud/health		

EKS WORKLOAD-HML							
US-EAST-1							
Cluster EKS	Node Group	Serviços	Instance type	EBS type	EBS size	Security Group - Node Group	
eks-cluster-shared-hml-use1	eks-ng-shared-hml-use1-nodes-shared-XkYiaGLY	Como investir Intranet Developers	t2.large	gp3	30GB	sg-0ee687a9d2a969b7b	
ALB	Targets Group	Security Groups sg-05c72978b235f4641 sg-0f13811be991f2f01  sg-05c72978b235f4641 sg-0b4b0cf085ebea863	Wordpress Version				
alb-eks-shared-hml-use1-external	k8s-anbimarh-intranet-fddd4a12bd k8s-anbimace-comoinve-58570fb18b		Como Investir	wordpress:php7.4			
alb-eks-shared-hml-use1-internal	k8s-anbimaco-develope-e34c78de48		Intranet	wordpress:php7.4			
			Developers	wordpress:php7.4			
VPC	Subnets privadas			Subnets de banco de dados			
vpc-0944ac66de324420b		subnet-0c652148b4e9d30b3 subnet-04a8d717481d583ed subnet-0318dff701c9dfbad	subnet-08f1dcf1670c8e189 subnet-0139479b5a59399e8 subnet-0ea565466e490f956				
RDS (Aurora Cluster)	Security Groups	Public Access	Instance type	Engine Version	Parameter Group	Option Groups	
rds-cluster-shared-hml-use1-mysql	sg-05e268672515d9de0	No	db.t4g.medium	5.7.mysql_aurora.2.10.2	rds-db-pg-shared-hml-use1-mysql	default:aurora-mysql-5-7	
EFS	Access Point	Subnet IDs	EFS DNS Name	Route 53			
efs-fs-como-investir-hml-use1 efs-fs-intranet-hml-use1 efs-fs-developers-hml-use1	efs-ap-como-investir-hml-use1-wordpress efs-ap-intranet-hml-use1-wordpress efs-ap-developers-hml-use1-wordpress	subnet-0c652148b4e9d30b3 subnet-04a8d717481d583ed subnet-0318dff701c9dfbad	fs-0e3c351535ffc8f8a.efs.us-east-1.amazonaws.com fs-0f338a883385dc568.efs.us-east-1.amazonaws.com fs-0905bef49f735587f.efs.us-east-1.amazonaws.com	*.hml.anbima.com.br *.hml.anbima.cloud			
Serviços	Endpoint Principal		Métodos Endpoint Principal		Endpoint (s) Health Check		Status Code Esperado Health Check (s)
como-investir	https://comoinvestir.hml.anbima.com.br		"POST", "GET"		https://comoinvestir.hml.anbima.com.br/health		200
developers	https://developers.hml.anbima.com.br				https://developers.hml.anbima.com.br/health		
intranet	https://intranet.hml.anbima.cloud				https://intranet.hml.anbima.cloud/health		

EKS WORKLOAD-PRD						
US-EAST-1						
Cluster EKS	Node Group	Serviços	Instance type	EBS type	EBS size	Security Group - Node Group
eks-cluster-shared-prd-use1	eks-ng-shared-prd-use1-nodes-shared-TPzPxQS9	Como investir Intranet Developers	m6a.large	gp3	30GB	sg-07134853579e23a98
ALB	Targets Group	Security Groups			Wordpress Version	
alb-eks-shared-prd-use1-external	k8s-anbimace-comoinve-79b5e7cea4 k8s-anbimaco-develope-161b8621a7	sg-01f1110cbae9fa370 sg-058a118e8665079a6			Como Investir	wordpress:php7.4
alb-eks-shared-prd-use1-internal	k8s-anbimarh-intranet-ac807f32d4	sg-014dbdbe4283397ab sg-01f1110cbae9fa370			Intranet	wordpress:php7.4
					Developers	wordpress:php7.4
VPC	Subnets privadas			Subnets de banco de dados		
vpc-0549fc861ae3d5acc	subnet-097ef538c597b1c76 subnet-040387c465f7d785e subnet-0cd5b996f31fea1c1			subnet-097ef538c597b1c76 subnet-040387c465f7d785e subnet-0cd5b996f31fea1c1		
RDS (Aurora Cluster)	Security Groups	Public Access	Instance type	Engine Version	Parameter Group	Option Groups
rds-cluster-wordpress-prd-use1-mysql57-ecs	sg-08bd110fa9a4a3cdc	No	db.t4g.medium	5.7.mysql_aurora.2.10.2	rds-db-pg-wordpress-prd-use1-mysql57-ecs	default:aurora-mysql-5-7
EFs	Access Point	Subnet IDs	EFs DNS Name	Route 53		
efs-fs-como-investir-prd-use1 efs-fs-intranet-prd-use1 efs-fs-developers-prd-use1	efs-ap-como-investir-prd-use1-wordpress efs-ap-intranet-prd-use1-wordpress efs-ap-developers-prd-use1-wordpress	subnet-062c0482b9558b22e subnet-0c5eb85436aedc6ea subnet-0878d1a0ffcd26388	fs-062515d99014110dd.efs.us-east-1.amazonaws.com fs-0efa98f578bda207f.efs.us-east-1.amazonaws.com fs-09455473e2395d6e4.efs.us-east-1.amazonaws.com	comoinvestir.anbima.com.br intranet.apps.anbima.com.int developers.anbima.com.int		
Kubernetes Namespace	Kubernetes Ingress	Kubernetes Service	Secrets	Kubernetes Deployment	Kubernetes Deployment Toleration	Namespace Quota
anbima-certificacao-como-investir anbima-corporativo-developers anbima-rh-intranet	como-investir developers intranet	como -investir developers intranet	secret-como-investir-prd-use1-eks secret-developers-prd-use1-eks secret-intranet-prd-use1-eks	como-investir developers intranet	key: node/reserved-for operator: Equal value: shared effect: NoSchedule	CPU Limit = "2" / como investir = "3" CPU Request = "1" / como investir = "2" Memory Limit = "2Gi" / como investir = "4Gi" Memory Request = "1Gi" / como investir = "2Gi" Storage = "5"
Serviços	Endpoint Principal		Métodos Endpoint Principal	Endpoint (s) Health Check		Status Code Esperado Health Check (s)
como-investir	https://comoinvestir.anbima.com.br		"POST", "GET"	https://comoinvestir.anbima.com.br/health		200
developers	https://developers.anbima.com.br			https://developers.anbima.com.br/health		
intranet	https://intranet.anbima.cloud			https://intranet.anbima.cloud/health		

Repositórios ECR (Imagens)	Repositórios GitLab Aplicação	Repositórios GitLab Terraform
788006387775.dkr.ecr.us-east-1.amazonaws.com/ecr-cicd-shared-use1/wordpress	<a href="https://gitlab.com/anbima/rh/intranet/intranet-web">https://gitlab.com/anbima/rh/intranet/intranet-web</a>	<a href="https://gitlab.com/anbima/corporativo/anbima-developers/infrastructure-as-code">https://gitlab.com/anbima/corporativo/anbima-developers/infrastructure-as-code</a>
788006387775.dkr.ecr.us-east-1.amazonaws.com/ecr-intranet-shared-use1/intranet	<a href="https://gitlab.com/anbima/certificacao/como-investir/como-investir-web">https://gitlab.com/anbima/certificacao/como-investir/como-investir-web</a>	<a href="https://gitlab.com/anbima/rh/intranet/infrastructure-as-code">https://gitlab.com/anbima/rh/intranet/infrastructure-as-code</a>
788006387775.dkr.ecr.us-east-1.amazonaws.com/ecr-como-investir-shared-use1/como-investir	<a href="https://gitlab.com/anbima/corporativo/anbima-developers/developers-web">https://gitlab.com/anbima/corporativo/anbima-developers/developers-web</a>	<a href="https://gitlab.com/anbima/certificacao/como-investir">https://gitlab.com/anbima/certificacao/como-investir</a>
788006387775.dkr.ecr.us-east-1.amazonaws.com/ecr-developers-shared-use1/developers		<a href="https://gitlab.com/anbima/cloud/aws/iac/components/wordpress">https://gitlab.com/anbima/cloud/aws/iac/components/wordpress</a>



# MONITORAMENTO ECS

## NOC

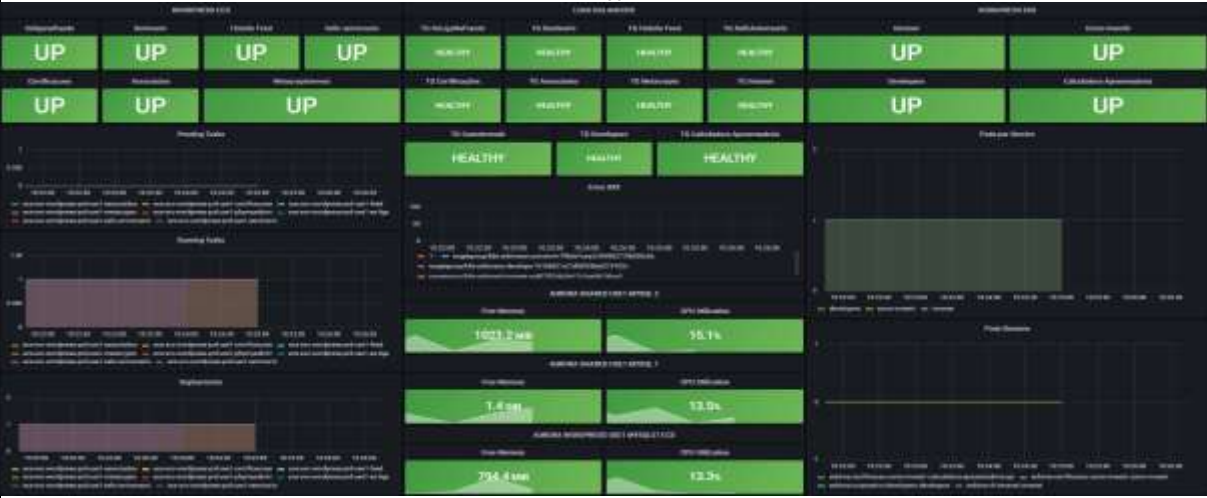


<https://g-eab4157dc5.grafana-workspace.us-east-1.amazonaws.com/d/mDgUfqu7z/wordpress-prod?orgId=1&refresh=1m>

## ALARMES

Todos os alarmes estão centralizados no Amazon Grafana e são enviados para o canal da aplicação no Slack da Anbima.

- Anbima.WorkloadPRD\_AURORA\_wordpress-prd-use1-mysql57-ecs1\_CPU Utilization > 80%
- Anbima.WorkloadPRD\_AURORA\_wordpress-prd-use1-mysql57-ecs1\_Free Memory < 200MB
- Anbima.WorkloadPRD\_HealthCheck\_WP-SelicAniversario\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-HotsiteFeed\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-Seliganafraude\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-Seminarior\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-HotsiteAssociados\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-Certificacoes\_DOWN
- Anbima.WorkloadPRD\_HealthCheck\_WP-Metacryptoinvest\_DOWN
- Anbima.WorkloadPRD\_ecs-wordpress-prd-use1-running-tasks < 1 alert
- Anbima.WorkloadPRD\_ecs-wordpress-prd-use1-pending-tasks > 0 alert
- Anbima.WorkloadPRD\_ecs-wordpress-prd-use1-deployments alert > 1 alert
- Anbima.WorkloadPRD\_ALB\_efs-fs-seminario-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-seliga-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-hotsiteassociados-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-certificacoes-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-metacrypto-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-selic aniversario-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_efs-fs-hotsitefeed-prd-use1\_Percent IO Limit > 70%
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-associados\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-certificacoes\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-feed\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-metacrypto\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-seliga\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-selic aniversario\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-seminario\_Unhealthy Hosts > 0
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-associados\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-certificacoes\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-feed\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-metacrypto\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-seliga\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-selic aniversario\_Erros 5xx > 20
- Anbima.WorkloadPRD\_ALB\_alb-ecs-wordpress-prd-use1/tg-wp-prd-use1-seminario\_Erros 5xx > 20

MONITORAMENTO EKS									
NOC					ALARMES				
					Todos os alarmes estão centralizados no Amazon Grafana e são enviados para o canal da aplicação no Slack da Anbima.				
					Anbima.WorkloadPRD_HealthCheck_WP-Developers_DOWN Anbima.WorkloadPRD_HealthCheck_WP-Intranet_DOWN Anbima.WorkloadPRD_HealthCheck_WP-Comoinvestir_DOWN Anbima.WorkloadPRD_ALB_efs-fs-comoinvestir-prd-use1_Percent IO Limit > 70% Anbima.WorkloadPRD_ALB_efs-fs-developers-prd-use1_Percent IO Limit > 70% Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-internal/k8s-anbimarh-intranet_Unhealthy Hosts > 0 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimace-comoinve_Unhealthy Hosts > 0 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimaco-develope_Unhealthy Hosts > 0 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-internal/k8s-anbimarh-intranet_Erros 5xx > 20 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimace-comoinve_Erros 5xx > 20 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimaco-develope_Erros 5xx > 20 Anbima.WorkloadPRD_AURORA_shared-prd-use1-mysql-1_CPU Utilization > 80% Anbima.WorkloadPRD_AURORA_shared-prd-use1-mysql-1_Memory < 200MB Anbima.WorkloadPRD_AURORA_shared-prd-use1-mysql-2_CPU Utilization > 80% Anbima.WorkloadPRD_AURORA_shared-prd-use1-mysql-2_Memory < 200MB Anbima.WorkloadPRD_HealthCheck_WP-CalculadoraAposentadoria_DOWN Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimace-calculad_Erros 5xx > 20 Anbima.WorkloadPRD_ALB_alb-eks-shared-prd-use1-external/k8s-anbimace-calculad_Unhealthy Hosts > 0				