aws-2025-iac-streaming-terraform

Work Notes with TF deployment on AWS (Work in Progess - March 2025)

TF plan / apply

Terraform plan - apply

Reference to

https://aws.amazon.com/blogs/containers/deploying-and-scaling-apache-kafka-on-amazon-eks/

```
 #
module.eks.module.eks_managed_node_group["core_node_group"].module.user_data.null_reso
urce.validate_cluster_service_cidr will be created
  + resource "null_resource" "validate_cluster_service_cidr" {
      + id = (known after apply)
    }

Plan: 107 to add, 0 to change, 0 to destroy.

Changes to Outputs:
  + configure_kubectl   = "aws eks --region eu-west-3 update-kubeconfig --name kafka-on-eks"
  + grafana_secret_name = "kafka-on-eks-grafana"

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Saved the plan to: 253B-stream-kafka.tfplan

To perform exactly these actions, run the following command to apply:
    terraform apply "253B-stream-kafka.tfplan"

devops100@hetz-root ~/gitlab/devops100net/2025-aws/data-on-eks/streaming/kafka (main)$
```

```
devops100@hetz-root ~/gitlab/devops100net/2025-aws/data-on-eks/streaming/kafka (main)$
terraform apply "253B-stream-kafka.tfplan"
random_password.grafana: Creating...
module.eks_blueprints_addons.random_bytes.this: Creating...
module.eks_blueprints_addons.random_bytes.this: Creation complete after 0s
random_password.grafana: Creation complete after 0s [id=none]
aws_prometheus_workspace.amp[0]: Creating...
aws_iam_policy.grafana[0]: Creating...
aws_secretsmanager_secret.grafana: Creating...
module.eks.aws_iam_role.this[0]: Creating...
module.vpc.aws_vpc.this[0]: Creating...
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role.this[0]:
Creating...
module.ebs_csi_driver_irsa.aws_iam_policy.ebs_csi[0]: Creating...
aws_secretsmanager_secret.grafana: Creation complete after 0s
[id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-6mQuH1]
aws_secretsmanager_secret_version.grafana: Creating...
aws_secretsmanager_secret_version.grafana: Creation complete after 0s
[id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-
6mQuH1|terraform-20250325200013062400000006]
data.aws_secretsmanager_secret_version.admin_password_version: Reading...
data.aws_secretsmanager_secret_version.admin_password_version: Read complete after 0s
[id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-
6mQuH1|AWSCURRENT]
module.ebs_csi_driver_irsa.aws_iam_policy.ebs_csi[0]: Creation complete after 1s
[id=arn:aws:iam::453578755218:policy/AmazonEKS_EBS_CSI_Policy-
20250325200012845800000005]
aws_iam_policy.grafana[0]: Creation complete after 1s
[id=arn:aws:iam::453578755218:policy/kafka-on-eks-grafana-20250325200012836000000002]
module.eks.aws_iam_role.this[0]: Creation complete after 1s [id=kafka-on-eks-cluster-
20250325200012836600000003]
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSVPCResourceController"]:
Creating...
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSClusterPolicy"]: Creating...
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role.this[0]:
Creation complete after 1s [id=core-node-group-eks-node-group-
20250325200012840200000004]
module.eks.module.kms.data.aws_iam_policy_document.this[0]: Reading...
module.eks.module.kms.data.aws_iam_policy_document.this[0]: Read complete after 0s
[id=1056995596]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attach
ment.this["AmazonEC2ContainerRegistryReadOnly"]: Creating...
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attach
ment.this["AmazonEKS_CNI_Policy"]: Creating...
```

module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEKSWorkerNodePolicy"]: Creating...
module.eks.module.kms.aws_kms_key.this[0]: Creating...
aws_prometheus_workspace.amp[0]: Creation complete after 1s [id=ws-f3ae6f1e-a922-4c0a-beb3-5a9bd5a1ff61]
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSClusterPolicy"]: Creation complete after 0s [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200013974300000007]
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSVPCResourceController"]: Creation complete after 0s [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200014034000000009]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEC2ContainerRegistryReadOnly"]: Creation complete after 0s [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014023300000008]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEKS_CNI_Policy"]: Creation complete after 0s [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014047700000000a]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEKSWorkerNodePolicy"]: Creation complete after 0s [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014178300000000b]
module.vpc.aws_vpc.this[0]: Still creating... [10s elapsed]
module.eks.module.kms.aws_kms_key.this[0]: Still creating... [10s elapsed]
module.vpc.aws_vpc.this[0]: Creation complete after 12s [id=vpc-044d1e66a849070b5]
module.vpc.aws_vpc_ipv4_cidr_block_association.this[0]: Creating...
module.vpc.aws_default_route_table.default[0]: Creating...
module.vpc.aws_default_security_group.this[0]: Creating...
module.eks.aws_security_group.cluster[0]: Creating...
module.eks.aws_security_group.node[0]: Creating...
module.vpc.aws_default_network_acl.this[0]: Creating...
module.vpc.aws_default_route_table.default[0]: Creation complete after 0s [id=rtb-0ef1e0d83248674ed]
module.vpc.aws_default_network_acl.this[0]: Creation complete after 1s [id=acl-07f610decbdee98db]
module.vpc.aws_default_security_group.this[0]: Creation complete after 1s [id=sg-0f262257ddf023998]
module.eks.aws_security_group.cluster[0]: Creation complete after 1s [id=sg-0cf42abaa5950af55]
module.eks.aws_security_group.node[0]: Creation complete after 1s [id=sg-0260828b2b9e7332d]
module.eks.aws_security_group_rule.node["ingress_self_all"]: Creating...
module.eks.aws_security_group_rule.node["egress_all"]: Creating...
module.eks.aws_security_group_rule.node["ingress_nodes_ephemeral"]: Creating...
module.eks.aws_security_group_rule.node["ingress_self_coredns_tcp"]: Creating...
module.eks.aws_security_group_rule.node["ingress_cluster_kubelet"]: Creating...

module.eks.aws_security_group_rule.node["ingress_cluster_4443_webhook"]: Creating...
module.eks.aws_security_group_rule.node["ingress_cluster_6443_webhook"]: Creating...
module.eks.aws_security_group_rule.node["ingress_cluster_443"]: Creating...
module.eks.aws_security_group_rule.node["ingress_self_all"]: Creation complete after 1s [id=sgrule-3040764290]
module.eks.aws_security_group_rule.node["ingress_cluster_to_node_all_traffic"]: Creating...
module.eks.aws_security_group_rule.node["egress_all"]: Creation complete after 1s [id=sgrule-617896639]
module.eks.aws_security_group_rule.node["ingress_self_coredns_udp"]: Creating...
module.eks.aws_security_group_rule.node["ingress_cluster_6443_webhook"]: Creation complete after 2s [id=sgrule-3071882580]
module.eks.aws_security_group_rule.node["ingress_cluster_9443_webhook"]: Creating...
module.eks.aws_security_group_rule.node["ingress_nodes_ephemeral"]: Creation complete after 3s [id=sgrule-3784472253]
module.eks.aws_security_group_rule.node["ingress_cluster_8443_webhook"]: Creating...
module.eks.aws_security_group_rule.node["ingress_cluster_kubelet"]: Creation complete after 3s [id=sgrule-3744730541]
module.eks.aws_security_group_rule.cluster["ingress_nodes_443"]: Creating...
module.eks.aws_security_group_rule.node["ingress_self_coredns_tcp"]: Creation complete after 4s [id=sgrule-3505406625]
module.eks.aws_security_group_rule.cluster["ingress_nodes_ephemeral_ports_tcp"]: Creating...
module.eks.aws_security_group_rule.cluster["ingress_nodes_443"]: Creation complete after 1s [id=sgrule-1564992646]
module.eks.aws_security_group_rule.node["ingress_cluster_4443_webhook"]: Creation complete after 4s [id=sgrule-2119914178]
module.eks.aws_security_group_rule.cluster["ingress_nodes_ephemeral_ports_tcp"]: Creation complete after 0s [id=sgrule-729290184]
module.eks.aws_security_group_rule.node["ingress_cluster_443"]: Creation complete after 5s [id=sgrule-4097031589]
module.eks.aws_security_group_rule.node["ingress_cluster_to_node_all_traffic"]: Creation complete after 4s [id=sgrule-1128474055]
module.eks.aws_security_group_rule.node["ingress_self_coredns_udp"]: Creation complete after 5s [id=sgrule-1957683534]
module.eks.aws_security_group_rule.node["ingress_cluster_9443_webhook"]: Creation complete after 4s [id=sgrule-3236182718]
module.eks.aws_security_group_rule.node["ingress_cluster_8443_webhook"]: Creation complete after 4s [id=sgrule-2755987829]
module.eks.module.kms.aws_kms_key.this[0]: Still creating... [20s elapsed]
module.eks.module.kms.aws_kms_key.this[0]: Creation complete after 20s [id=a84c690e-ad88-4fdc-8e72-3c369e8ec94f]
module.eks.module.kms.aws_kms_alias.this["cluster"]: Creating...
module.eks.aws_iam_policy.cluster_encryption[0]: Creating...
module.eks.module.kms.aws_kms_alias.this["cluster"]: Creation complete after 0s [id=alias/eks/kafka-on-eks]

module.vpc.aws_vpc_ipv4_cidr_block_association.this[0]: Still creating... [10s elapsed]
module.eks.aws_iam_policy.cluster_encryption[0]: Creation complete after 1s [id=arn:aws:iam::453578755218:policy/kafka-on-eks-cluster-ClusterEncryption20250325200034048300000000e]
module.eks.aws_iam_role_policy_attachment.cluster_encryption[0]: Creating...
module.vpc.aws_vpc_ipv4_cidr_block_association.this[0]: Creation complete after 10s [id=vpc-cidr-assoc-01e97be317bd768d7]
module.vpc.aws_internet_gateway.this[0]: Creating...
module.vpc.aws_route_table.public[0]: Creating...
module.vpc.aws_subnet.private[1]: Creating...
module.vpc.aws_subnet.public[0]: Creating...
module.vpc.aws_route_table.private[0]: Creating...
module.vpc.aws_subnet.private[3]: Creating...
module.vpc.aws_subnet.private[0]: Creating...
module.vpc.aws_subnet.public[1]: Creating...
module.vpc.aws_subnet.private[2]: Creating...
module.eks.aws_iam_role_policy_attachment.cluster_encryption[0]: Creation complete after 0s [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200034780000000000f]
module.vpc.aws_internet_gateway.this[0]: Creation complete after 0s [id=igw-073a22a97a4a4828c]
module.vpc.aws_eip.nat[0]: Creating...
module.vpc.aws_route_table.public[0]: Creation complete after 0s [id=rtb-09b11f536c68af9da]
module.vpc.aws_route.public_internet_gateway[0]: Creating...
module.vpc.aws_route_table.private[0]: Creation complete after 0s [id=rtb-05191b3b4aa6f8c1c]
module.vpc.aws_subnet.public[0]: Creation complete after 0s [id=subnet-0e71cc4c12b0a19be]
module.vpc.aws_subnet.private[1]: Creation complete after 0s [id=subnet-078fea5f462eccca2]
module.vpc.aws_subnet.private[0]: Creation complete after 0s [id=subnet-00f0ecadfffa640fe]
module.vpc.aws_subnet.private[3]: Creation complete after 0s [id=subnet-03e720ac4459834f3]
module.vpc.aws_route.public_internet_gateway[0]: Creation complete after 1s [id=r-rtb-09b11f536c68af9da1080289494]
module.vpc.aws_eip.nat[0]: Creation complete after 1s [id=eipalloc-039d732babe576454]
module.vpc.aws_subnet.private[2]: Creation complete after 2s [id=subnet-080a989bbc3042197]
module.vpc.aws_route_table_association.private[0]: Creating...
module.vpc.aws_route_table_association.private[1]: Creating...
module.vpc.aws_route_table_association.private[2]: Creating...
module.vpc.aws_route_table_association.private[3]: Creating...
module.eks.aws_eks_cluster.this[0]: Creating...
module.vpc.aws_route_table_association.private[3]: Creation complete after 0s [id=rtbassoc-0a8c3e0855d438545]
module.vpc.aws_route_table_association.private[1]: Creation complete after 0s [id=rtbassoc-07429e5a5719491d7]

module.vpc.aws_route_table_association.private[0]: Creation complete after 0s [id=rtbassoc-0bac95d907e642602]
module.vpc.aws_route_table_association.private[2]: Creation complete after 0s [id=rtbassoc-0f0afc88796bb4757]
module.vpc.aws_subnet.public[1]: Creation complete after 3s [id=subnet-0db2499f3f31bbf5c]
module.vpc.aws_route_table_association.public[1]: Creating...
module.vpc.aws_route_table_association.public[0]: Creating...
module.vpc.aws_nat_gateway.this[0]: Creating...
module.vpc.aws_route_table_association.public[1]: Creation complete after 0s [id=rtbassoc-009eef1a7a8d53118]
module.vpc.aws_route_table_association.public[0]: Creation complete after 0s [id=rtbassoc-0c20e03083cb5efa4]
module.eks.aws_eks_cluster.this[0]: Still creating... [10s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [20s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [30s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [40s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [50s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m0s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m10s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m20s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m30s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m40s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [1m50s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [1m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [2m0s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [2m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [2m10s elapsed]
module.vpc.aws_nat_gateway.this[0]: Still creating... [2m10s elapsed]
module.vpc.aws_nat_gateway.this[0]: Creation complete after 2m14s [id=nat-0684dffa076df384a]
module.vpc.aws_route.private_nat_gateway[0]: Creating...
module.vpc.aws_route.private_nat_gateway[0]: Creation complete after 1s [id=r-rtb-05191b3b4aa6f8c1c1080289494]
module.eks.aws_eks_cluster.this[0]: Still creating... [2m20s elapsed]

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module.eks.aws_eks_cluster.this[0]: Still creating... [2m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [2m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [2m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [3m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [4m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [5m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m20s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m30s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m40s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [6m50s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [7m0s elapsed]
module.eks.aws_eks_cluster.this[0]: Still creating... [7m10s elapsed]
module.eks.aws_eks_cluster.this[0]: Creation complete after 7m12s [id=kafka-on-eks]
module.eks.data.tls_certificate.this[0]: Reading...
module.eks.aws_ec2_tag.cluster_primary_security_group["GithubRepo"]: Creating...
module.eks.aws_ec2_tag.cluster_primary_security_group["karpenter.sh/discovery"]: Creating...
module.eks.aws_ec2_tag.cluster_primary_security_group["Blueprint"]: Creating...
module.eks.aws_eks_access_entry.this["cluster_creator"]: Creating...
module.eks.data.tls_certificate.this[0]: Read complete after 0s
[id=0563bd16277ca9e04f46d1ebcff7321aa45e500c]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["spot_interupt"]:
Creating...
module.eks.time_sleep.this[0]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["health_event"]:
Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_state_change"]
: Creating...
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module.eks_blueprints_addons.aws_cloudformation_stack.usage_telemetry[0]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_rebalance"]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["health_event"]: Creation complete after 0s [id=Karpenter-HealthEvent-20250325200749012700000014]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_state_change"]: Creation complete after 0s [id=Karpenter-InstanceStateChange-20250325200749013400000015]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["spot_interupt"]: Creation complete after 0s [id=Karpenter-SpotInterrupt-20250325200748986100000013]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_rebalance"]: Creation complete after 0s [id=Karpenter-InstanceRebalance-20250325200749101500000017]
module.eks_blueprints_addons.aws_iam_role.karpenter[0]: Creating...
module.eks.aws_iam_openid_connect_provider.oidc_provider[0]: Creating...
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue.this[0]: Creating...
module.eks.aws_ec2_tag.cluster_primary_security_group["Blueprint"]: Creation complete after 0s [id=sg-06158ca938b005da0,Blueprint]
module.eks.aws_ec2_tag.cluster_primary_security_group["karpenter.sh/discovery"]: Creation complete after 0s [id=sg-06158ca938b005da0,karpenter.sh/discovery]
module.eks.aws_ec2_tag.cluster_primary_security_group["GithubRepo"]: Creation complete after 0s [id=sg-06158ca938b005da0,GithubRepo]
module.eks.aws_eks_access_entry.this["cluster_creator"]: Creation complete after 1s [id=kafka-on-eks:arn:aws:iam::453578755218:user/iac-user-1]
module.eks.aws_eks_access_policy_association.this["cluster_creator_admin"]: Creating...
module.eks.aws_iam_openid_connect_provider.oidc_provider[0]: Creation complete after 1s [id=arn:aws:iam::453578755218:oidc-provider/oidc.eks.eu-west-3.amazonaws.com/id/BC11079A38C72B82F85C259F17093E21]
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.this[0]: Reading...
module.amp_ingest_irsa[0].data.aws_iam_policy_document.assume[0]: Reading...
module.eks_blueprints_addons.time_sleep.this: Creating...
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=225566436]
module.amp_ingest_irsa[0].data.aws_iam_policy_document.assume[0]: Read complete after 0s [id=3412265906]
module.eks_blueprints_addons.module.metrics_server.helm_release.this[0]: Creating...
module.ebs_csi_driver_irsa.aws_iam_role.this[0]: Creating...
module.amp_ingest_irsa[0].aws_iam_role.this[0]: Creating...
module.eks.aws_eks_access_policy_association.this["cluster_creator_admin"]: Creation complete after 0s [id=kafka-on-eks#arn:aws:iam::453578755218:user/iac-user-1#arn:aws:eks::aws:cluster-access-policy/AmazonEKSClusterAdminPolicy]
module.eks_blueprints_addons.aws_iam_role.karpenter[0]: Creation complete after 1s [id=karpenter-kafka-on-eks]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.additional["AmazonSSMManagedInstanceCore"]: Creating...

module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKSWorkerNodePolicy"]: Creating...
module.eks_blueprints_addons.aws_iam_instance_profile.karpenter[0]: Creating...
module.eks_blueprints_addons.aws_iam_role_policy_attachment.additional["AmazonSSMManagedInstanceCore"]: Creation complete after 1s [id=karpenter-kafka-on-eks-20250325200750499900000001a]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKSWorkerNodePolicy"]: Creation complete after 1s [id=karpenter-kafka-on-eks-20250325200750506800000001b]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKS_CNI_Policy"]: Creating...
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEC2ContainerRegistryReadOnly"]: Creating...
module.ebs_csi_driver_irsa.aws_iam_role.this[0]: Creation complete after 1s [id=kafka-on-eks-ebs-csi-driver-20250325200749997000000018]
module.ebs_csi_driver_irsa.aws_iam_role_policy_attachment.ebs_csi[0]: Creating...
module.amp_ingest_irsa[0].aws_iam_role.this[0]: Creation complete after 1s [id=kafka-on-eks-amp-ingest-20250325200749997300000019]
module.amp_ingest_irsa[0].aws_iam_role_policy_attachment.additional["amp_policy"]: Creating...
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKS_CNI_Policy"]: Creation complete after 0s [id=karpenter-kafka-on-eks-20250325200750869300000001c]
module.ebs_csi_driver_irsa.aws_iam_role_policy_attachment.ebs_csi[0]: Creation complete after 0s [id=kafka-on-eks-ebs-csi-driver-20250325200749997000000018-20250325200750899900000001d]
module.amp_ingest_irsa[0].aws_iam_role_policy_attachment.additional["amp_policy"]: Creation complete after 0s [id=kafka-on-eks-amp-ingest-20250325200749997300000019-20250325200750967500000001f]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEC2ContainerRegistryReadOnly"]: Creation complete after 0s [id=karpenter-kafka-on-eks-20250325200750921500000001e]
module.eks_blueprints_addons.module.metrics_server.helm_release.this[0]: Creation complete after 2s [id=metrics-server]
module.eks_blueprints_addons.aws_iam_instance_profile.karpenter[0]: Creation complete after 7s [id=karpenter-kafka-on-eks]
module.eks.time_sleep.this[0]: Still creating... [10s elapsed]
module.eks_blueprints_addons.aws_cloudformation_stack.usage_telemetry[0]: Still creating... [10s elapsed]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue.this[0]: Still creating... [10s elapsed]
module.eks_blueprints_addons.aws_cloudformation_stack.usage_telemetry[0]: Creation complete after 10s [id=arn:aws:cloudformation:eu-west-3:453578755218:stack/kafka-on-eks-27c8/d3423460-09b4-11f0-babb-0e0ce23ffb03]
module.eks_blueprints_addons.time_sleep.this: Still creating... [10s elapsed]

module.eks.time_sleep.this[0]: Still creating... [20s elapsed]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue.this[0]: Still creating... [20s elapsed]
module.eks_blueprints_addons.time_sleep.this: Still creating... [20s elapsed]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue.this[0]: Creation complete after 26s [id=https://sqs.eu-west-3.amazonaws.com/453578755218/karpenter-kafka-on-eks]
module.eks_blueprints_addons.module.karpenter_sqs.data.aws_iam_policy_document.this[0]: Reading...
module.eks_blueprints_addons.module.karpenter_sqs.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=3827299351]
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter[0]: Reading...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["health_event"]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["spot_interupt"]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_state_change"]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_rebalance"]: Creating...
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter[0]: Read complete after 0s [id=1456613870]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue_policy.this[0]: Creating...
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.this[0]: Reading...
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=1456613870]
module.eks_blueprints_addons.module.karpenter.aws_iam_policy.this[0]: Creating...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["health_event"]: Creation complete after 0s [id=Karpenter-HealthEvent-20250325200749012700000014-KarpenterQueueTarget]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["spot_interupt"]: Creation complete after 0s [id=Karpenter-SpotInterrupt-20250325200748986100000013-KarpenterQueueTarget]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_rebalance"]: Creation complete after 0s [id=Karpenter-InstanceRebalance-20250325200749101500000017-KarpenterQueueTarget]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_state_change"]: Creation complete after 0s [id=Karpenter-InstanceStateChange-20250325200749013400000015-KarpenterQueueTarget]
module.eks_blueprints_addons.module.karpenter.aws_iam_policy.this[0]: Creation complete after 0s [id=arn:aws:iam::453578755218:policy/karpenter-20250325200814697200000020]
module.eks.time_sleep.this[0]: Still creating... [30s elapsed]
module.eks.time_sleep.this[0]: Creation complete after 30s [id=2025-03-25T20:08:19Z]

module.eks.module.eks_managed_node_group["core_node_group"].module.user_data.null_resource.validate_cluster_service_cidr: Creating...
module.eks.module.eks_managed_node_group["core_node_group"].module.user_data.null_resource.validate_cluster_service_cidr: Creation complete after 0s [id=1333447053594588899]
module.eks.module.eks_managed_node_group["core_node_group"].aws_launch_template.this[0]: Creating...
module.eks_blueprints_addons.time_sleep.this: Still creating... [30s elapsed]
module.eks_blueprints_addons.time_sleep.this: Creation complete after 30s [id=2025-03-25T20:08:19Z]
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.assume[0]: Reading...
module.eks_blueprints_addons.aws_eks_addon.this["kube-proxy"]: Creating...
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Creating...
module.eks_blueprints_addons.aws_eks_addon.this["vpc-cni"]: Creating...
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.assume[0]: Read complete after 0s [id=924903485]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Creating...
module.eks_blueprints_addons.module.karpenter.aws_iam_role.this[0]: Creating...
module.eks_blueprints_addons.module.karpenter.aws_iam_role.this[0]: Creation complete after 1s [id=karpenter-20250325200820024400000027]
module.eks_blueprints_addons.module.karpenter.aws_iam_role_policy_attachment.this[0]: Creating...
module.eks_blueprints_addons.module.karpenter.aws_iam_role_policy_attachment.this[0]: Creation complete after 0s [id=karpenter-20250325200820024400000027-20250325200820868100000028]
module.eks_blueprints_addons.module.karpenter.helm_release.this[0]: Creating...
module.eks.module.eks_managed_node_group["core_node_group"].aws_launch_template.this[0]: Creation complete after 6s [id=lt-0f2081899cfea9c82]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue_policy.this[0]: Still creating... [10s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Creating...
module.eks_blueprints_addons.module.karpenter.helm_release.this[0]: Creation complete after 3s [id=karpenter]
module.eks_blueprints_addons.aws_eks_addon.this["kube-proxy"]: Creation complete after 7s [id=kafka-on-eks:kube-proxy]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["vpc-cni"]: Still creating... [10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["vpc-cni"]: Creation complete after 14s [id=kafka-on-eks:vpc-cni]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue_policy.this[0]: Still creating... [20s elapsed]

module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [10s elapsed]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue_policy.this[0]: Creation complete after 25s [id=https://sqs.eu-west-3.amazonaws.com/453578755218/karpenter-kafka-on-eks]
module.aws_auth.kubernetes_config_map_v1_data.aws_auth[0]: Creating...
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [20s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [30s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [40s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [50s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [1m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m0s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [1m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [1m10s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [1m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [1m20s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Still creating... [1m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [1m30s elapsed]

module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]
: Still creating... [1m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[1m40s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]
: Still creating... [1m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [1m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[1m50s elapsed]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]
: Creation complete after 1m47s [id=kafka-on-eks:core-node-group-
20250325200824686400000029]
kubernetes_annotations.gp2_default: Creating...
kubernetes_annotations.gp2_default: Creation complete after 0s
[id=apiVersion=storage.k8s.io/v1,kind=StorageClass,name=gp2]
kubernetes_storage_class.ebs_csi_encrypted_gp3_storage_class: Creating...
kubernetes_storage_class.ebs_csi_encrypted_gp3_storage_class: Creation complete after 1s
[id=gp3]
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]:
Creating...
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [2m0s
elapsed]
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]: Still
creating... [10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[2m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m10s elapsed]
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]: Still
creating... [20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[2m20s elapsed]
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]: Creation
complete after 28s [id=kube-prometheus-stack]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[2m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[2m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[2m50s elapsed]

module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [2m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [3m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [3m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [4m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [4m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [5m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [5m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...

[5m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[5m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[5m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[5m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [5m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [6m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[6m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[6m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[6m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[6m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [6m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[6m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [7m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[7m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[7m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[7m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating...
[7m40s elapsed]

module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [7m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [7m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [8m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [8m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [9m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [9m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m10s elapsed]

module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [10m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [10m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [11m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [11m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m0s elapsed]

module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [12m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [12m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [13m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [13m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m0s elapsed]

```
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m30s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m40s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [14m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [14m50s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [15m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [15m0s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [15m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [15m10s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Still creating... [15m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Still creating... [15m20s elapsed]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Creation complete after 15m26s [id=kafka-on-eks:aws-ebs-csi-driver]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Creation complete after 15m26s [id=kafka-on-eks:coredns]
module.eks_data_addons.data.aws_region.current: Reading...
module.eks_data_addons.data.aws_partition.current: Reading...
module.eks_data_addons.data.aws_region.current: Read complete after 0s [id=eu-west-3]
module.eks_data_addons.data.aws_partition.current: Read complete after 0s [id=aws]
module.eks_data_addons.helm_release.karpenter_resources["default"]: Creating...
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Creating...
module.eks_data_addons.helm_release.karpenter_resources["kafka"]: Creating...
```

```
╷
│ Error: Kubernetes cluster unreachable: the server has asked for the client to provide
credentials
│
│   with module.eks_data_addons.helm_release.karpenter_resources["default"],
│   on .terraform/modules/eks_data_addons/karpenter-resources.tf line 6, in resource
"helm_release" "karpenter_resources":
│    6: resource "helm_release" "karpenter_resources" {
│
╵

╷
│ Error: Kubernetes cluster unreachable: the server has asked for the client to provide
credentials
│
│   with module.eks_data_addons.helm_release.karpenter_resources["kafka"],
│   on .terraform/modules/eks_data_addons/karpenter-resources.tf line 6, in resource
"helm_release" "karpenter_resources":
│    6: resource "helm_release" "karpenter_resources" {
│
╵

╷
│ Error: Kubernetes cluster unreachable: the server has asked for the client to provide
credentials
│
│   with module.eks_data_addons.helm_release.strimzi_kafka_operator[0],
│   on .terraform/modules/eks_data_addons/strimzi-kafka-operator.tf line 1, in resource
"helm_release" "strimzi_kafka_operator":
│    1: resource "helm_release" "strimzi_kafka_operator" {
│
╵

╷
│ Error: The ConfigMap "aws-auth" does not exist
│
│   with module.aws_auth.kubernetes_config_map_v1_data.aws_auth[0],
│   on .terraform/modules/aws_auth/modules/aws-auth/main.tf line 31, in resource
"kubernetes_config_map_v1_data" "aws_auth":
│   31: resource "kubernetes_config_map_v1_data" "aws_auth" {
│
```

This happens when K8S objects are created with IaC in the same deployment !!

albert.achterkamp@hetz-root ~/gitlab/devops100net/2025-aws/data-on-eks/streaming/kafka (main)$ terraform plan -out 253C-stream-kafka.tfplan -var region=$AWS_REGION

module.eks_blueprints_addons.random_bytes.this: Refreshing state...
random_password.grafana: Refreshing state... [id=none]
aws_prometheus_workspace.amp[0]: Refreshing state... [id=ws-f3ae6f1e-a922-4c0a-beb3-5a9bd5a1ff61]
data.aws_partition.current: Reading...
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter_assume_role[0]: Reading...
aws_secretsmanager_secret.grafana: Refreshing state... [id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-6mQuH1]
data.aws_partition.current: Read complete after 0s [id=aws]
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter_assume_role[0]: Read complete after 0s [id=106987850]
data.aws_availability_zones.available: Reading...
module.eks_blueprints_addons.data.aws_region.current: Reading...
data.aws_eks_cluster_auth.this: Reading...
module.eks_blueprints_addons.data.aws_region.current: Read complete after 0s [id=eu-west-3]
data.aws_eks_cluster_auth.this: Read complete after 0s [id=kafka-on-eks]
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_caller_identity.current: Reading...
module.amp_ingest_irsa[0].data.aws_partition.current[0]: Reading...
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_partition.current: Reading...
module.eks.data.aws_iam_policy_document.assume_role_policy[0]: Reading...
module.eks.module.kms.data.aws_partition.current[0]: Reading...
module.amp_ingest_irsa[0].data.aws_partition.current[0]: Read complete after 0s [id=aws]
module.eks_blueprints_addons.data.aws_caller_identity.current: Reading...
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_partition.current: Read complete after 0s [id=aws]
module.eks.module.kms.data.aws_partition.current[0]: Read complete after 0s [id=aws]
module.eks.data.aws_iam_policy_document.assume_role_policy[0]: Read complete after 0s [id=2764486067]
data.aws_caller_identity.current: Reading...
module.ebs_csi_driver_irsa.data.aws_region.current: Reading...
module.vpc.aws_vpc.this[0]: Refreshing state... [id=vpc-044d1e66a849070b5]
module.ebs_csi_driver_irsa.data.aws_region.current: Read complete after 0s [id=eu-west-3]
module.ebs_csi_driver_irsa.data.aws_partition.current: Reading...
module.eks_blueprints_addons.data.aws_partition.current: Reading...
module.ebs_csi_driver_irsa.data.aws_partition.current: Read complete after 0s [id=aws]
module.eks_blueprints_addons.data.aws_partition.current: Read complete after 0s [id=aws]
module.eks.module.kms.data.aws_caller_identity.current[0]: Reading...
module.amp_ingest_irsa[0].data.aws_caller_identity.current[0]: Reading...
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_caller_identity.current: Read complete after 0s [id=453578755218]
module.eks.data.aws_partition.current: Reading...

module.eks.data.aws_partition.current: Read complete after 0s [id=aws]
module.ebs_csi_driver_irsa.data.aws_caller_identity.current: Reading...
module.eks_blueprints_addons.data.aws_caller_identity.current: Read complete after 0s [id=453578755218]
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_iam_policy_document.assume_role_policy[0]: Reading...
module.eks.module.eks_managed_node_group["core_node_group"].data.aws_iam_policy_document.assume_role_policy[0]: Read complete after 0s [id=2560088296]
module.eks.data.aws_caller_identity.current: Reading...
data.aws_caller_identity.current: Read complete after 0s [id=453578755218]
module.eks.aws_iam_role.this[0]: Refreshing state... [id=kafka-on-eks-cluster-20250325200012836600000003]
module.amp_ingest_irsa[0].data.aws_caller_identity.current[0]: Read complete after 0s [id=453578755218]
module.eks.module.kms.data.aws_caller_identity.current[0]: Read complete after 0s [id=453578755218]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role.this[0]: Refreshing state... [id=core-node-group-eks-node-group-20250325200012840200000004]
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.ebs_csi[0]: Reading...
module.ebs_csi_driver_irsa.data.aws_caller_identity.current: Read complete after 0s [id=453578755218]
module.eks.data.aws_caller_identity.current: Read complete after 0s [id=453578755218]
module.eks.data.aws_iam_session_context.current: Reading...
data.aws_iam_policy_document.grafana[0]: Reading...
module.eks.data.aws_iam_session_context.current: Read complete after 0s [id=arn:aws:iam::453578755218:user/iac-user-1]
aws_secretsmanager_secret_version.grafana: Refreshing state... [id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-6mQuH1|terraform-20250325200013062400000006]
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.ebs_csi[0]: Read complete after 0s [id=435063099]
data.aws_iam_policy_document.grafana[0]: Read complete after 0s [id=3865496131]
module.ebs_csi_driver_irsa.aws_iam_policy.ebs_csi[0]: Refreshing state... [id=arn:aws:iam::453578755218:policy/AmazonEKS_EBS_CSI_Policy-20250325200012845800000005]
aws_iam_policy.grafana[0]: Refreshing state... [id=arn:aws:iam::453578755218:policy/kafka-on-eks-grafana-20250325200012836000000002]
data.aws_availability_zones.available: Read complete after 0s [id=eu-west-3]
data.aws_secretsmanager_secret_version.admin_password_version: Reading...
data.aws_ecrpublic_authorization_token.token: Reading...
data.aws_secretsmanager_secret_version.admin_password_version: Read complete after 0s [id=arn:aws:secretsmanager:eu-west-3:453578755218:secret:kafka-on-eks-grafana-6mQuH1|AWSCURRENT]
data.aws_ecrpublic_authorization_token.token: Read complete after 1s [id=us-east-1]

module.eks_blueprints_addons.module.karpenter.data.aws_partition.current[0]: Reading...
module.eks_blueprints_addons.module.karpenter.data.aws_caller_identity.current[0]: Reading...
module.eks_blueprints_addons.module.karpenter.data.aws_partition.current[0]: Read complete after 0s [id=aws]
module.vpc.aws_vpc_ipv4_cidr_block_association.this[0]: Refreshing state... [id=vpc-cidr-assoc-01e97be317bd768d7]
module.vpc.aws_default_security_group.this[0]: Refreshing state... [id=sg-0f262257ddf023998]
module.vpc.aws_default_route_table.default[0]: Refreshing state... [id=rtb-0ef1e0d83248674ed]
module.eks.aws_security_group.cluster[0]: Refreshing state... [id=sg-0cf42abaa5950af55]
module.vpc.aws_default_network_acl.this[0]: Refreshing state... [id=acl-07f610decbdee98db]
module.eks_blueprints_addons.module.karpenter.data.aws_caller_identity.current[0]: Read complete after 0s [id=453578755218]
module.eks.aws_security_group.node[0]: Refreshing state... [id=sg-0260828b2b9e7332d]
module.vpc.aws_subnet.private[1]: Refreshing state... [id=subnet-078fea5f462eccca2]
module.vpc.aws_subnet.private[2]: Refreshing state... [id=subnet-080a989bbc3042197]
module.vpc.aws_subnet.private[3]: Refreshing state... [id=subnet-03e720ac4459834f3]
module.vpc.aws_subnet.private[0]: Refreshing state... [id=subnet-00f0ecadfffa640fe]
module.vpc.aws_route_table.public[0]: Refreshing state... [id=rtb-09b11f536c68af9da]
module.vpc.aws_internet_gateway.this[0]: Refreshing state... [id=igw-073a22a97a4a4828c]
module.vpc.aws_subnet.public[1]: Refreshing state... [id=subnet-0db2499f3f31bbf5c]
module.vpc.aws_subnet.public[0]: Refreshing state... [id=subnet-0e71cc4c12b0a19be]
module.vpc.aws_route_table.private[0]: Refreshing state... [id=rtb-05191b3b4aa6f8c1c]
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSClusterPolicy"]: Refreshing state... [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200013974300000007]
module.eks.aws_iam_role_policy_attachment.this["AmazonEKSVPCResourceController"]: Refreshing state... [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200014034000000009]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEKS_CNI_Policy"]: Refreshing state... [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014047700000000a]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEC2ContainerRegistryReadOnly"]: Refreshing state... [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014023300000008]
module.eks.module.eks_managed_node_group["core_node_group"].aws_iam_role_policy_attachment.this["AmazonEKSWorkerNodePolicy"]: Refreshing state... [id=core-node-group-eks-node-group-20250325200012840200000004-20250325200014178300000000b]
module.eks.aws_security_group_rule.node["ingress_cluster_443"]: Refreshing state... [id=sgrule-4097031589]
module.eks.aws_security_group_rule.node["ingress_self_all"]: Refreshing state... [id=sgrule-3040764290]
module.eks.aws_security_group_rule.node["ingress_cluster_kubelet"]: Refreshing state... [id=sgrule-3744730541]

module.eks.aws_security_group_rule.node["ingress_nodes_ephemeral"]: Refreshing state... [id=sgrule-3784472253]
module.eks.aws_security_group_rule.node["ingress_self_coredns_udp"]: Refreshing state... [id=sgrule-1957683534]
module.eks.aws_security_group_rule.node["ingress_cluster_8443_webhook"]: Refreshing state... [id=sgrule-2755987829]
module.eks.aws_security_group_rule.node["ingress_self_coredns_tcp"]: Refreshing state... [id=sgrule-3505406625]
module.eks.aws_security_group_rule.node["ingress_cluster_4443_webhook"]: Refreshing state... [id=sgrule-2119914178]
module.eks.aws_security_group_rule.node["ingress_cluster_6443_webhook"]: Refreshing state... [id=sgrule-3071882580]
module.eks.aws_security_group_rule.node["ingress_cluster_to_node_all_traffic"]: Refreshing state... [id=sgrule-1128474055]
module.eks.aws_security_group_rule.node["egress_all"]: Refreshing state... [id=sgrule-617896639]
module.eks.aws_security_group_rule.node["ingress_cluster_9443_webhook"]: Refreshing state... [id=sgrule-3236182718]
module.vpc.aws_eip.nat[0]: Refreshing state... [id=eipalloc-039d732babe576454]
module.vpc.aws_route.public_internet_gateway[0]: Refreshing state... [id=r-rtb-09b11f536c68af9da1080289494]
module.eks.aws_security_group_rule.cluster["ingress_nodes_443"]: Refreshing state... [id=sgrule-1564992646]
module.eks.aws_security_group_rule.cluster["ingress_nodes_ephemeral_ports_tcp"]: Refreshing state... [id=sgrule-729290184]
module.vpc.aws_route_table_association.private[1]: Refreshing state... [id=rtbassoc-07429e5a5719491d7]
module.vpc.aws_route_table_association.private[0]: Refreshing state... [id=rtbassoc-0bac95d907e642602]
module.vpc.aws_route_table_association.private[3]: Refreshing state... [id=rtbassoc-0a8c3e0855d438545]
module.vpc.aws_route_table_association.private[2]: Refreshing state... [id=rtbassoc-0f0afc88796bb4757]
module.vpc.aws_route_table_association.public[0]: Refreshing state... [id=rtbassoc-0c20e03083cb5efa4]
module.vpc.aws_route_table_association.public[1]: Refreshing state... [id=rtbassoc-009eef1a7a8d53118]
module.eks.module.kms.data.aws_iam_policy_document.this[0]: Reading...
module.eks.module.kms.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=1056995596]
module.eks.module.kms.aws_kms_key.this[0]: Refreshing state... [id=a84c690e-ad88-4fdc-8e72-3c369e8ec94f]
module.vpc.aws_nat_gateway.this[0]: Refreshing state... [id=nat-0684dffa076df384a]
module.vpc.aws_route.private_nat_gateway[0]: Refreshing state... [id=r-rtb-

05191b3b4aa6f8c1c1080289494]
module.eks.module.kms.aws_kms_alias.this["cluster"]: Refreshing state... [id=alias/eks/kafka-on-eks]
module.eks.aws_iam_policy.cluster_encryption[0]: Refreshing state... [id=arn:aws:iam::453578755218:policy/kafka-on-eks-cluster-ClusterEncryption20250325200034048300000000e]
module.eks.aws_eks_cluster.this[0]: Refreshing state... [id=kafka-on-eks]
module.eks.aws_eks_access_entry.this["cluster_creator"]: Refreshing state... [id=kafka-on-eks:arn:aws:iam::453578755218:user/iac-user-1]
module.eks.aws_ec2_tag.cluster_primary_security_group["karpenter.sh/discovery"]: Refreshing state... [id=sg-06158ca938b005da0,karpenter.sh/discovery]
module.eks.aws_ec2_tag.cluster_primary_security_group["GithubRepo"]: Refreshing state... [id=sg-06158ca938b005da0,GithubRepo]
module.eks.aws_ec2_tag.cluster_primary_security_group["Blueprint"]: Refreshing state... [id=sg-06158ca938b005da0,Blueprint]
module.eks.time_sleep.this[0]: Refreshing state... [id=2025-03-25T20:08:19Z]
module.eks.aws_iam_role_policy_attachment.cluster_encryption[0]: Refreshing state... [id=kafka-on-eks-cluster-20250325200012836600000003-20250325200034780000000000f]
module.eks_blueprints_addons.aws_cloudformation_stack.usage_telemetry[0]: Refreshing state... [id=arn:aws:cloudformation:eu-west-3:453578755218:stack/kafka-on-eks-27c8/d3423460-09b4-11f0-babb-0e0ce23ffb03]
module.eks.data.tls_certificate.this[0]: Reading...
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["spot_interupt"]: Refreshing state... [id=Karpenter-SpotInterrupt-20250325200748986100000013]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_state_change"]: Refreshing state... [id=Karpenter-InstanceStateChange-20250325200749013400000015]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["instance_rebalance"]: Refreshing state... [id=Karpenter-InstanceRebalance-20250325200749101500000017]
module.eks.data.tls_certificate.this[0]: Read complete after 0s [id=0563bd16277ca9e04f46d1ebcff7321aa45e500c]
module.eks_blueprints_addons.aws_cloudwatch_event_rule.karpenter["health_event"]: Refreshing state... [id=Karpenter-HealthEvent-20250325200749012700000014]
module.eks_blueprints_addons.aws_iam_role.karpenter[0]: Refreshing state... [id=karpenter-kafka-on-eks]
module.eks_blueprints_addons.module.metrics_server.helm_release.this[0]: Refreshing state... [id=metrics-server]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue.this[0]: Refreshing state... [id=https://sqs.eu-west-3.amazonaws.com/453578755218/karpenter-kafka-on-eks]
module.eks.aws_iam_openid_connect_provider.oidc_provider[0]: Refreshing state... [id=arn:aws:iam::453578755218:oidc-provider/oidc.eks.eu-west-3.amazonaws.com/id/BC11079A38C72B82F85C259F17093E21]
module.eks.module.eks_managed_node_group["core_node_group"].module.user_data.null_resource.validate_cluster_service_cidr: Refreshing state... [id=1333447053594588899]
module.eks.module.eks_managed_node_group["core_node_group"].aws_launch_template.this[0

]: Refreshing state... [id=lt-0f2081899cfea9c82]
module.eks.aws_eks_access_policy_association.this["cluster_creator_admin"]: Refreshing state... [id=kafka-on-eks#arn:aws:iam::453578755218:user/iac-user-1#arn:aws:eks::aws:cluster-access-policy/AmazonEKSClusterAdminPolicy]
module.eks_blueprints_addons.time_sleep.this: Refreshing state... [id=2025-03-25T20:08:19Z]
module.amp_ingest_irsa[0].data.aws_iam_policy_document.assume[0]: Reading...
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.this[0]: Reading...
module.amp_ingest_irsa[0].data.aws_iam_policy_document.assume[0]: Read complete after 0s [id=3412265906]
module.ebs_csi_driver_irsa.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=225566436]
module.eks_blueprints_addons.module.karpenter_sqs.data.aws_iam_policy_document.this[0]: Reading...
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_rebalance"]: Refreshing state... [id=Karpenter-InstanceRebalance-20250325200749101500000017-KarpenterQueueTarget]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["instance_state_change"]: Refreshing state... [id=Karpenter-InstanceStateChange-20250325200749013400000015-KarpenterQueueTarget]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["health_event"]: Refreshing state... [id=Karpenter-HealthEvent-20250325200749012700000014-KarpenterQueueTarget]
module.eks_blueprints_addons.module.karpenter_sqs.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=3827299351]
module.eks_blueprints_addons.aws_cloudwatch_event_target.karpenter["spot_interupt"]: Refreshing state... [id=Karpenter-SpotInterrupt-20250325200748986100000013-KarpenterQueueTarget]
module.amp_ingest_irsa[0].aws_iam_role.this[0]: Refreshing state... [id=kafka-on-eks-amp-ingest-20250325200749997300000019]
module.ebs_csi_driver_irsa.aws_iam_role.this[0]: Refreshing state... [id=kafka-on-eks-ebs-csi-driver-20250325200749997000000018]
module.eks_blueprints_addons.module.karpenter_sqs.aws_sqs_queue_policy.this[0]: Refreshing state... [id=https://sqs.eu-west-3.amazonaws.com/453578755218/karpenter-kafka-on-eks]
module.eks.module.eks_managed_node_group["core_node_group"].aws_eks_node_group.this[0]: Refreshing state... [id=kafka-on-eks:core-node-group-20250325200824686400000029]
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.assume[0]: Reading...
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.assume[0]: Read complete after 0s [id=924903485]
module.eks_blueprints_addons.module.karpenter.aws_iam_role.this[0]: Refreshing state... [id=karpenter-20250325200820024400000027]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.additional["AmazonSSMManagedInstanceCore"]: Refreshing state... [id=karpenter-kafka-on-eks-20250325200750499900000001a]

module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEC2ContainerRegistryReadOnly"]: Refreshing state... [id=karpenter-kafka-on-eks-20250325200750921500000001e]
module.eks_blueprints_addons.aws_iam_instance_profile.karpenter[0]: Refreshing state... [id=karpenter-kafka-on-eks]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKS_CNI_Policy"]: Refreshing state... [id=karpenter-kafka-on-eks-20250325200750869300000001c]
module.eks_blueprints_addons.aws_iam_role_policy_attachment.karpenter["AmazonEKSWorkerNodePolicy"]: Refreshing state... [id=karpenter-kafka-on-eks-20250325200750506800000001b]
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter[0]: Reading...
module.eks_blueprints_addons.data.aws_iam_policy_document.karpenter[0]: Read complete after 0s [id=1456613870]
kubernetes_annotations.gp2_default: Refreshing state... [id=apiVersion=storage.k8s.io/v1,kind=StorageClass,name=gp2]
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.this[0]: Reading...
module.eks_blueprints_addons.module.karpenter.data.aws_iam_policy_document.this[0]: Read complete after 0s [id=1456613870]
module.eks_blueprints_addons.module.karpenter.aws_iam_policy.this[0]: Refreshing state... [id=arn:aws:iam::453578755218:policy/karpenter-20250325200814697200000020]
kubernetes_storage_class.ebs_csi_encrypted_gp3_storage_class: Refreshing state... [id=gp3]
module.amp_ingest_irsa[0].aws_iam_role_policy_attachment.additional["amp_policy"]: Refreshing state... [id=kafka-on-eks-amp-ingest-20250325200749997300000019-20250325200750967500000001f]
module.ebs_csi_driver_irsa.aws_iam_role_policy_attachment.ebs_csi[0]: Refreshing state... [id=kafka-on-eks-ebs-csi-driver-20250325200749997000000018-20250325200750899900000001d]
module.eks_blueprints_addons.data.aws_eks_addon_version.this["vpc-cni"]: Reading...
module.eks_blueprints_addons.data.aws_eks_addon_version.this["aws-ebs-csi-driver"]: Reading...
module.eks_blueprints_addons.data.aws_eks_addon_version.this["coredns"]: Reading...
module.eks_blueprints_addons.data.aws_eks_addon_version.this["kube-proxy"]: Reading...
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]: Refreshing state... [id=kube-prometheus-stack]
module.eks_blueprints_addons.module.karpenter.helm_release.this[0]: Refreshing state... [id=karpenter]
module.eks_blueprints_addons.data.aws_eks_addon_version.this["coredns"]: Read complete after 0s [id=coredns]
module.eks_blueprints_addons.data.aws_eks_addon_version.this["aws-ebs-csi-driver"]: Read complete after 0s [id=aws-ebs-csi-driver]
module.eks_blueprints_addons.data.aws_eks_addon_version.this["kube-proxy"]: Read complete after 0s [id=kube-proxy]
module.eks_blueprints_addons.module.karpenter.aws_iam_role_policy_attachment.this[0]: Refreshing state... [id=karpenter-20250325200820024400000027-

```
20250325200820868100000028]
module.eks_blueprints_addons.data.aws_eks_addon_version.this["vpc-cni"]: Read complete
after 0s [id=vpc-cni]
module.eks_blueprints_addons.aws_eks_addon.this["coredns"]: Refreshing state... [id=kafka-
on-eks:coredns]
module.eks_blueprints_addons.aws_eks_addon.this["vpc-cni"]: Refreshing state... [id=kafka-on-
eks:vpc-cni]
module.eks_blueprints_addons.aws_eks_addon.this["kube-proxy"]: Refreshing state...
[id=kafka-on-eks:kube-proxy]
module.eks_blueprints_addons.aws_eks_addon.this["aws-ebs-csi-driver"]: Refreshing state...
[id=kafka-on-eks:aws-ebs-csi-driver]

Terraform used the selected providers to generate the following execution plan. Resource
actions are indicated with the following symbols:
  + create
  ~ update in-place
 <= read (data resources)

Terraform will perform the following actions:

  # module.aws_auth.kubernetes_config_map_v1_data.aws_auth[0] will be created
  + resource "kubernetes_config_map_v1_data" "aws_auth" {
      + data          = {
          + "mapAccounts" = jsonencode([])
          + "mapRoles"    = <<-EOT
                - "groups":
                  - "system:bootstrappers"
                  - "system:nodes"
                  "rolearn": "arn:aws:iam::453578755218:role/karpenter-kafka-on-eks"
                  "username": "system:node:{{EC2PrivateDNSName}}"
            EOT
          + "mapUsers"    = jsonencode([])
        }
      + field_manager = "Terraform"
      + force         = true
      + id            = (known after apply)

      + metadata {
          + name      = "aws-auth"
          + namespace = "kube-system"
        }
    }

  # module.eks_data_addons.data.aws_partition.current will be read during apply
  # (depends on a resource or a module with changes pending)
```

```
 <= data "aws_partition" "current" {
     + dns_suffix        = (known after apply)
     + id                = (known after apply)
     + partition         = (known after apply)
     + reverse_dns_prefix = (known after apply)
   }

 # module.eks_data_addons.data.aws_region.current will be read during apply
 # (depends on a resource or a module with changes pending)
 <= data "aws_region" "current" {
     + description = (known after apply)
     + endpoint    = (known after apply)
     + id          = (known after apply)
     + name        = (known after apply)
   }

 # module.eks_data_addons.helm_release.karpenter_resources["default"] will be created
 + resource "helm_release" "karpenter_resources" {
     + atomic                   = false
     + chart                    = ".terraform/modules/eks_data_addons/helm-charts/karpenter-
resources"
     + cleanup_on_fail          = false
     + create_namespace         = true
     + dependency_update        = false
     + disable_crd_hooks        = false
     + disable_openapi_validation = false
     + disable_webhooks         = false
     + force_update             = false
     + id                       = (known after apply)
     + lint                     = false
     + manifest                 = (known after apply)
     + max_history              = 0
     + metadata                 = (known after apply)
     + name                     = "default"
     + namespace                = "karpenter-resources"
     + pass_credentials         = false
     + recreate_pods            = false
     + render_subchart_notes    = true
     + replace                  = false
     + reset_values             = false
     + reuse_values             = false
     + skip_crds                = false
     + status                   = "deployed"
     + timeout                  = 300
     + values                   = [
```

```
    + <<-EOT
        name: default
        clusterName: kafka-on-eks
        ec2NodeClass:
          karpenterRole: karpenter-kafka-on-eks
          amiFamily: Bottlerocket
          amiSelectorTerms:
            - alias: "bottlerocket@latest"
          subnetSelectorTerms:
            tags:
              Name: "kafka-on-eks-private*"
          securityGroupSelectorTerms:
            tags:
              Name: kafka-on-eks-node
          instanceStorePolicy: RAID0
        nodePool:
          labels:
            - type: karpenter
            - NodeGroupType: apps
          requirements:
            - key: "kubernetes.io/arch"
              operator: In
              values: [ "amd64", "arm64"]
            - key: karpenter.sh/capacity-type
              operator: In
              values: ["spot", "on-demand"]
            - key: "karpenter.k8s.aws/instance-category"
              operator: In
              values: ["c", "m", "r"]
          limits:
            cpu: 1000
          disruption:
            consolidationPolicy: WhenEmptyOrUnderutilized
            consolidateAfter: 30s
            budgets:
            - nodes: 10%
      EOT,
    ]
+ verify                  = false
+ version                  = "0.0.2"
+ wait                    = true
+ wait_for_jobs             = false
```

```
      + postrender {}
    }

  # module.eks_data_addons.helm_release.karpenter_resources["kafka"] will be created
  + resource "helm_release" "karpenter_resources" {
      + atomic                   = false
      + chart                    = ".terraform/modules/eks_data_addons/helm-charts/karpenter-
resources"
      + cleanup_on_fail          = false
      + create_namespace         = true
      + dependency_update        = false
      + disable_crd_hooks        = false
      + disable_openapi_validation = false
      + disable_webhooks         = false
      + force_update             = false
      + id                       = (known after apply)
      + lint                     = false
      + manifest                 = (known after apply)
      + max_history              = 0
      + metadata                 = (known after apply)
      + name                     = "kafka"
      + namespace                = "karpenter-resources"
      + pass_credentials         = false
      + recreate_pods            = false
      + render_subchart_notes    = true
      + replace                  = false
      + reset_values             = false
      + reuse_values             = false
      + skip_crds                = false
      + status                   = "deployed"
      + timeout                  = 300
      + values                   = [
          + <<-EOT
              name: kafka
              clusterName: kafka-on-eks
              ec2NodeClass:
                karpenterRole: karpenter-kafka-on-eks
                amiFamily: Bottlerocket
                amiSelectorTerms:
                  - alias: "bottlerocket@latest"
                subnetSelectorTerms:
                  tags:
                    Name: "kafka-on-eks-private*"
                securityGroupSelectorTerms:
```

```
            tags:
              Name: kafka-on-eks-node
            instanceStorePolicy: RAID0
          nodePool:
            labels:
              - type: karpenter
              - NodeGroupType: kafka
            requirements:
              - key: "kubernetes.io/arch"
                operator: In
                values: [ "arm64"]
              - key: karpenter.sh/capacity-type
                operator: In
                values: ["on-demand"]
              - key: "karpenter.k8s.aws/instance-category"
                operator: In
                values: ["c", "m", "r"]
            limits:
              cpu: 1000
            disruption:
              consolidationPolicy: WhenEmptyOrUnderutilized
              consolidateAfter: 30s
              budgets:
              - nodes: 10%
        EOT,
    ]
  + verify                  = false
  + version                 = "0.0.2"
  + wait                    = true
  + wait_for_jobs           = false

  + postrender {}
 }

# module.eks_data_addons.helm_release.strimzi_kafka_operator[0] will be created
+ resource "helm_release" "strimzi_kafka_operator" {
  + atomic                  = false
  + chart                   = "strimzi-kafka-operator"
  + cleanup_on_fail         = false
  + create_namespace        = true
  + dependency_update       = false
  + disable_crd_hooks       = false
  + disable_openapi_validation = false
  + disable_webhooks        = false
  + force_update            = false
```

```
    + id                    = (known after apply)
    + lint                  = false
    + manifest              = (known after apply)
    + max_history           = 0
    + metadata              = (known after apply)
    + name                  = "strimzi-operator"
    + namespace             = "strimzi-kafka-operator"
    + pass_credentials      = false
    + recreate_pods         = false
    + render_subchart_notes = true
    + replace               = false
    + repository            = "https://strimzi.io/charts/"
    + reset_values          = false
    + reuse_values          = false
    + skip_crds             = false
    + status                = "deployed"
    + timeout               = 300
    + values                = [
      + <<-EOT
            # Default values for strimzi-kafka-operator.

            # Default replicas for the cluster operator
            replicas: 1

            # If you set `watchNamespaces` to the same value as ``.Release.Namespace` (e.g. `helm ... --namespace $NAMESPACE`),
            # the chart will fail because duplicate RoleBindings will be attempted to be created in the same namespace
            watchNamespaces: []
            watchAnyNamespace: true

            defaultImageRegistry: quay.io
            defaultImageRepository: strimzi
            defaultImageTag: 0.43.0

            nodeSelector:
              kubernetes.io/os: linux
              NodeGroupType: core

            resources:
              limits:
                memory: 384Mi
                cpu: 1000m
              requests:
                memory: 384Mi
```

```
              cpu: 200m
            livenessProbe:
              initialDelaySeconds: 10
              periodSeconds: 30
            readinessProbe:
              initialDelaySeconds: 10
              periodSeconds: 30
          EOT,
        ]
      + verify                   = false
      + version                  = "0.43.0"
      + wait                     = true
      + wait_for_jobs            = false

      + postrender {}
    }

  # module.eks_blueprints_addons.module.karpenter.helm_release.this[0] will be updated in-
place
  ~ resource "helm_release" "this" {
        id                     = "karpenter"
        name                   = "karpenter"
      ~ repository_password    = (sensitive value)
        # (30 unchanged attributes hidden)

        # (8 unchanged blocks hidden)
    }

Plan: 4 to add, 1 to change, 0 to destroy.

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Saved the plan to: 253C-stream-kafka.tfplan

To perform exactly these actions, run the following command to apply:
    terraform apply "253C-stream-kafka.tfplan"
albert.achterkamp@hetz-root ~/gitlab/devops100net/2025-aws/data-on-eks/streaming/kafka
(main)$ terraform apply "253C-stream-kafka.tfplan"
module.eks_blueprints_addons.module.karpenter.helm_release.this[0]: Modifying...
[id=karpenter]
module.eks_blueprints_addons.module.karpenter.helm_release.this[0]: Modifications complete
after 5s [id=karpenter]
module.eks_data_addons.data.aws_partition.current: Reading...
```

```
module.eks_data_addons.data.aws_region.current: Reading...
module.eks_data_addons.data.aws_partition.current: Read complete after 0s [id=aws]
module.eks_data_addons.data.aws_region.current: Read complete after 0s [id=eu-west-3]
module.aws_auth.kubernetes_config_map_v1_data.aws_auth[0]: Creating...
module.eks_data_addons.helm_release.karpenter_resources["default"]: Creating...
module.aws_auth.kubernetes_config_map_v1_data.aws_auth[0]: Creation complete after 0s
[id=kube-system/aws-auth]
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Creating...
module.eks_data_addons.helm_release.karpenter_resources["kafka"]: Creating...
module.eks_data_addons.helm_release.karpenter_resources["kafka"]: Creation complete after
0s [id=kafka]
module.eks_data_addons.helm_release.karpenter_resources["default"]: Creation complete after
1s [id=default]
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Still creating... [10s elapsed]
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Still creating... [20s elapsed]
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Still creating... [30s elapsed]
module.eks_data_addons.helm_release.strimzi_kafka_operator[0]: Creation complete after 38s
[id=strimzi-operator]

Apply complete! Resources: 4 added, 1 changed, 0 destroyed.

Outputs:

configure_kubectl = "aws eks --region eu-west-3 update-kubeconfig --name kafka-on-eks"
grafana_secret_name = "kafka-on-eks-grafana"
albert.achterkamp@hetz-root ~/gitlab/devops100net/2025-aws/data-on-eks/streaming/kafka
(main)$
```

TF destroy has a few challenges (thanks to K8S objects created via IaC in the same run as when the Infrastructure is created)

Terraform destroy

Create the objects in AWS

```
515  terraform init
516  terraform plan -out 253A-stream-kafka.tfplan
517  terraform plan -out 253B-stream-kafka.tfplan -var region=$AWS_REGION
518  terraform apply "253B-stream-kafka.tfplan"
519  terraform plan -out 253C-stream-kafka.tfplan -var region=$AWS_REGION
520  terraform apply "253C-stream-kafka.tfplan"
528  terraform plan -out 253D-stream-kafka.tfplan -var region=$AWS_REGION
```

```
  529  terraform apply "253D-stream-kafka.tfplan"
```

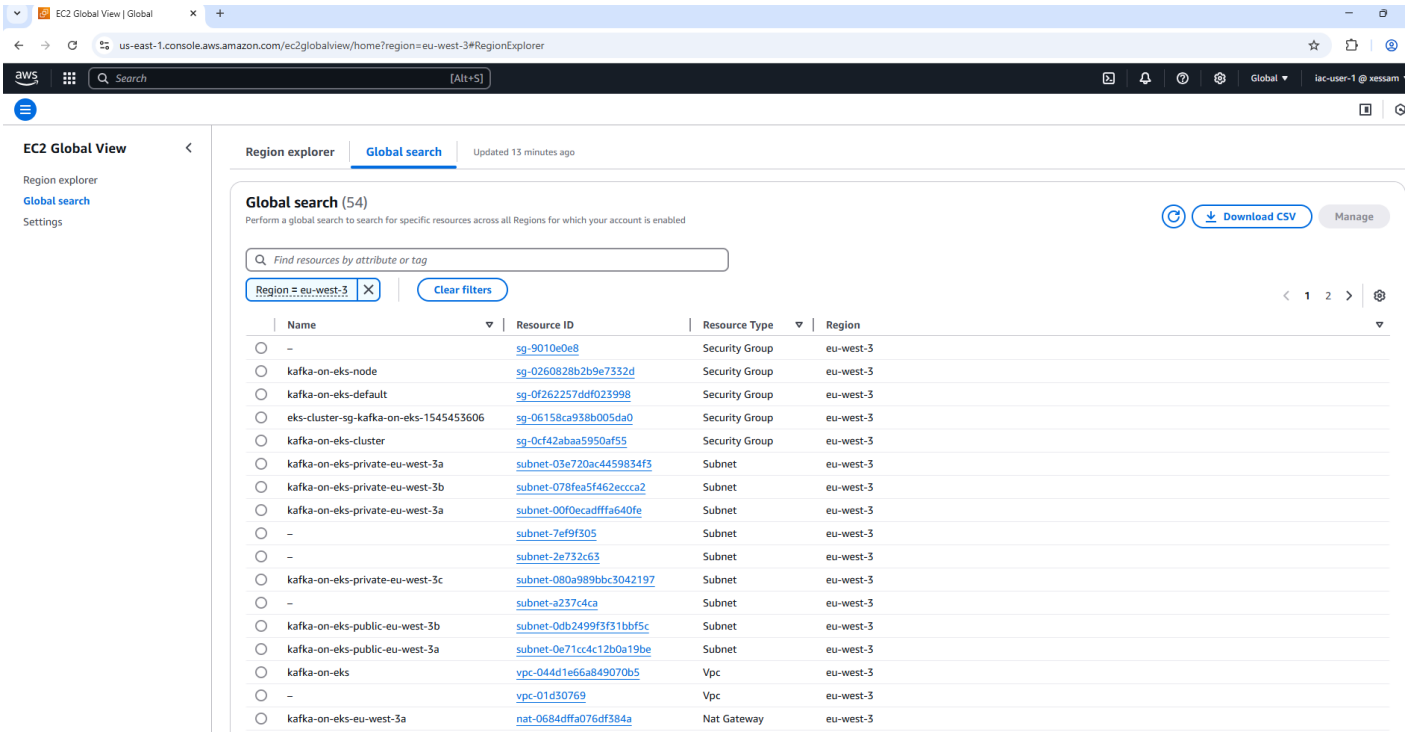
Delete the objects from AWS

```
  532  terraform plan -destroy -out DES-253E-stream-kafka.tfplan
  534  terraform plan -destroy -out DES-253E-stream-kafka.tfplan -var region=$AWS_REGION
  535  terraform apply "DES-253E-stream-kafka.tfplan"
  536  terraform plan -destroy -out DES-253F-stream-kafka.tfplan -var region=$AWS_REGION
  537* terraform apply "DES-253F-stream-kafka.tfplan"
  538  terraform plan -destroy -out DES-253F-stream-kafka.tfplan
  539  terraform plan -destroy -out DES-253G-stream-kafka.tfplan -var region=$AWS_REGION
  540  terraform apply "DES-253G-stream-kafka.tfplan"
  541  terraform apply "DES-253G-stream-kafka.tfplan"
  542  terraform plan -destroy -out DES-253H-stream-kafka.tfplan -var region=$AWS_REGION
  543  terraform apply "DES-253H-stream-kafka.tfplan"
  544  terraform state rm module.eks_data_addons.helm_release.strimzi_kafka_operator[0]
  545  terraform plan -destroy -out DES-253K-stream-kafka.tfplan -var region=$AWS_REGION
  546  terraform apply "DES-253K-stream-kafka.tfplan"
  547  terraform state rm module.eks_data_addons.helm_release.karpenter_resources["default"]
  548  terraform state rm module.eks_data_addons.helm_release.karpenter_resources
  549  terraform plan -destroy -out DES-253L-stream-kafka.tfplan -var region=$AWS_REGION
  550  terraform apply "DES-253L-stream-kafka.tfplan"
  551  terraform plan -destroy -out DES-253M-stream-kafka.tfplan -var region=$AWS_REGION
  552  terraform apply "DES-253M-stream-kafka.tfplan"
  553  terraform state rm module.eks_blueprints_addons.module.karpenter.helm_release.this[0]
  554  terraform plan -destroy -out DES-253N-stream-kafka.tfplan -var region=$AWS_REGION
  555  terraform apply "DES-253N-stream-kafka.tfplan"
  556  terraform plan -destroy -out DES-253P-stream-kafka.tfplan -var region=$AWS_REGION
  557  terraform apply "DES-253P-stream-kafka.tfplan"
  558  terraform state rm
module.eks_blueprints_addons.module.kube_prometheus_stack.helm_release.this[0]
  559  terraform plan -destroy -out DES-253Q-stream-kafka.tfplan -var region=$AWS_REGION
  560  terraform apply "DES-253Q-stream-kafka.tfplan"
  561  terraform plan -destroy -out DES-253A-stream-kafka.tfplan -var region=$AWS_REGION
  562  terraform apply "DES-253A-stream-kafka.tfplan"
  563  terraform state rm kubernetes_storage_class.ebs_csi_encrypted_gp3_storage_class
  564  terraform state ls
  565  terraform state list
  566  terraform state rm
module.eks_blueprints_addons.module.metrics_server.helm_release.this[0]
  567  terraform plan -destroy -out DES-253B-stream-kafka.tfplan -var region=$AWS_REGION
  568  terraform apply "DES-253B-stream-kafka.tfplan"
  569  terraform state rm kubernetes_annotations.gp2_default
  570  terraform plan -destroy -out DES-253C-stream-kafka.tfplan -var region=$AWS_REGION
  571  terraform apply "DES-253C-stream-kafka.tfplan"
```

```
572  terraform plan -destroy -out DES-253D-stream-kafka.tfplan -var region=$AWS_REGION
```

Just repeat this until there are NO objects left on AWS

See the objects on AWS in the chosen region (here eu-west-3)



EXAMPLES ARE FOR EDUCATIONAL PURPOSE ONLY - ALL OBJECTS / DEPLOYMENTS ARE DELETED

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