DOCDB snapshot sharing cross account :

(<https://docs.aws.amazon.com/documentdb/latest/developerguide/backup_restore-share_cluster_snapshots.html> )

Steps:

EU\_PROD\_AWS\_ROLE  
arn:aws:iam::469624554140:role/Nextwork\_Identity\_TrustRole  
SNAPSHOT sharing  
Account A  
Create KMS key symetric and add account id plus an role of remote account  
create manual snapshot of rds   
after creation select snapshot and copy the snapshot with new name and kmskey created.  
after this is ready select snap with key and share to remote account   
  
new target account B  
rds snapshots shared with me column   
copy the snapshot with own custom key and then use it (note directly it can not be used from shared with me column)

Prod to stage : 469624554140 to 858728894252  
  
Login prod acc :

Create a snapshot

Create a KMS key (symmetric) and add staging account while creating.Add any roles of staging account to give it permissions.

{

"Version": "2012-10-17",

"Id": "key-consolepolicy-3",

"Statement": [

{

"Sid": "Enable IAM User Permissions",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::469624554140:root"

},

"Action": "kms:\*",

"Resource": "\*"

},

{

"Sid": "Allow use of the key",

"Effect": "Allow",

"Principal": {

"AWS": [

"arn:aws:iam::858728894252:root",

"arn:aws:iam::858728894252:role/siemens/OPS\_CloudAdminEngineer"

]

},

"Action": [

"kms:Encrypt",

"kms:Decrypt",

"kms:ReEncrypt\*",

"kms:GenerateDataKey\*",

"kms:DescribeKey"

],

"Resource": "\*"

},

{

"Sid": "Allow attachment of persistent resources",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::858728894252:root"

},

"Action": [

"kms:CreateGrant",

"kms:ListGrants",

"kms:RevokeGrant"

],

"Resource": "\*",

"Condition": {

"Bool": {

"kms:GrantIsForAWSResource": "true"

}

}

}

]

}

===plociy kms key example from 588243961618 to stage and prod account ===

{

"Version": "2012-10-17",

"Id": "key-consolepolicy-3",

"Statement": [

{

"Sid": "Enable IAM User Permissions",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::588243961618:root"

},

"Action": "kms:\*",

"Resource": "\*"

},

{

"Sid": "Allow use of the key",

"Effect": "Allow",

"Principal": {

"AWS": [

"arn:aws:iam::858728894252:root",

"arn:aws:iam::858728894252:role/siemens/OPS\_CloudAdminEngineer"

]

},

"Action": [

"kms:Encrypt",

"kms:Decrypt",

"kms:ReEncrypt\*",

"kms:GenerateDataKey\*",

"kms:DescribeKey"

],

"Resource": "\*"

},

{

"Sid": "Allow attachment of persistent resources",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::858728894252:root"

},

"Action": [

"kms:CreateGrant",

"kms:ListGrants",

"kms:RevokeGrant"

],

"Resource": "\*",

"Condition": {

"Bool": {

"kms:GrantIsForAWSResource": "true"

}

}

},

{

"Sid": "Allow use of the key",

"Effect": "Allow",

"Principal": {

"AWS": [

"arn:aws:iam::469624554140:role/Nextwork\_Identity\_TrustRole",

"arn:aws:iam::469624554140:role/siemens/OPS\_CloudAdminEngineer",

"arn:aws:iam::469624554140:root"

]

},

"Action": [

"kms:Encrypt",

"kms:Decrypt",

"kms:ReEncrypt\*",

"kms:GenerateDataKey\*",

"kms:DescribeKey"

],

"Resource": "\*"

},

{

"Sid": "Allow attachment of persistent resources",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::469624554140:root"

},

"Action": [

"kms:CreateGrant",

"kms:ListGrants",

"kms:RevokeGrant"

],

"Resource": "\*",

"Condition": {

"Bool": {

"kms:GrantIsForAWSResource": "true"

}

}

}

]

}

Share the snapshot with other acc:  
  
A screenshot of a computer

Description automatically generated