

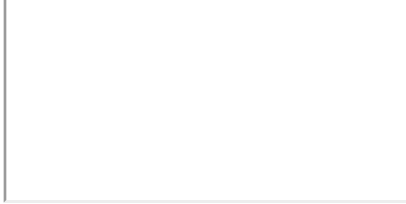
CloudFormation

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x

Error

Failed to upload template to

[View Error](#)**hdc-cloud-4**

Other Actions

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Stack name:

hdc-cloud-4

Stack ID:

arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd

Status:

ROLLBACK_COMPLETE

Status reason:

IAM Role:

Description

Deploys Hortonworks Data Cloud for AWS into an existing VPC and connects an existing RDS instance. --AWSMP:::571fb43d-99f6-4182-8166-61c477473f09:::0a04baea-391d-4033-bcf2-1f7db8af07b2

Outputs**Key Value Description Export Name**

No outputs found.

Resources**Logical ID****Physical ID**[0 more resources available to display.](#)

Cloudbreak	i-09587ed9b1bc0cb11	AWS::EC
CloudbreakRole	hdc-cloud-4-CloudbreakRole-1F12G21D2X58N	AWS::IAM
CloudbreakSecurityGroup	sg-a130f8db	AWS::EC
CredentialRole	hdc-cloud-4-CredentialRole-8A0D3J2HWQ0W	AWS::IAM
InstanceWaitCondition	arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle	AWS::CloudFormation

Logical ID	Physical ID	
InstanceWaitHandle	https://cloudformation-waitcondition-us-west-2.s3-us-west-2.amazonaws.com/arn%3Aaws%3Acloudformation%3Aus-west-2%3A471731193365%3Astack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle?	AWS::Clc
LambdaExecutionRole	AWSAccessKeyId=AKIAIY5RM4DUXMU25KNA&Expires=1499466076&Signature=sU1BJv1gnxz%2B2mOmX2U564oUIR0%3D	
PrecheckDeployment	hdc-cloud-4-LambdaExecutionRole-15B6N5GWT4089	AWS::IA!
RootInstanceProfile	2017/07/06/[\$LATEST]d4b94d64e65447129f28c579a597197e	Custom::\
ValidateVPC	hdc-cloud-4-RootInstanceProfile-O69ALQORU9PJ	AWS::IA!
No Values Found.	hdc-cloud-4-ValidateVPC-4TH38880YBN7	AWS::Lar

[View More Resources](#)

Events

0 more events available to display

	2017-07-07	Status	Type	Logical ID	Status reason
01:26:24 UTC-0700	ROLLBACK_COMPLETE	AWS::CloudFormation::Stack		hdc-cloud-4	
Physical ID: arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:23 UTC-0700	DELETE_COMPLETE	AWS::IAM::Role		LambdaExecutionRole	
Physical ID: hdc-cloud-4-LambdaExecutionRole-15B6N5GWT4089					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:22 UTC-0700	DELETE_IN_PROGRESS	AWS::IAM::Role		LambdaExecutionRole	
Physical ID: hdc-cloud-4-LambdaExecutionRole-15B6N5GWT4089					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:20 UTC-0700	DELETE_COMPLETE	AWS::Lambda::Function		ValidateVPC	
Physical ID: hdc-cloud-4-ValidateVPC-4TH38880YBN7					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:20 UTC-0700	DELETE_IN_PROGRESS	AWS::Lambda::Function		ValidateVPC	
Physical ID: hdc-cloud-4-ValidateVPC-4TH38880YBN7					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:18 UTC-0700	DELETE_COMPLETE	Custom::ValidateNetwork		PrecheckDeployment	
Physical ID: 2017/07/06/[\$LATEST]d4b94d64e65447129f28c579a597197e					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:16 UTC-0700	DELETE_COMPLETE	AWS::IAM::Role		CloudbreakRole	
Physical ID: hdc-cloud-4-CloudbreakRole-1F12G21D2X58N					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:15 UTC-0700	DELETE_IN_PROGRESS	AWS::IAM::Role		CloudbreakRole	
Physical ID: hdc-cloud-4-CloudbreakRole-1F12G21D2X58N					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:15 UTC-0700	DELETE_IN_PROGRESS	Custom::ValidateNetwork		PrecheckDeployment	
Physical ID: 2017/07/06/[\$LATEST]d4b94d64e65447129f28c579a597197e					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:14 UTC-0700	DELETE_COMPLETE	AWS::IAM::Role		CredentialRole	
Physical ID: hdc-cloud-4-CredentialRole-8A0D3J2HWQ0W					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:14 UTC-0700	DELETE_COMPLETE	AWS::EC2::SecurityGroup		CloudbreakSecurityGroup	
Physical ID: sg-a130f8db					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:13 UTC-0700	DELETE_COMPLETE	AWS::IAM::InstanceProfile		RootInstanceProfile	
Physical ID: hdc-cloud-4-RootInstanceProfile-O69ALQORU9PJ					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					
01:26:13 UTC-0700	DELETE_COMPLETE	AWS::CloudFormation::WaitConditionHandle		InstanceWaitHandle	
Physical ID: https://cloudformation-waitcondition-us-west-2.s3-us-west-2.amazonaws.com/arn%3Aaws%3Acloudformation%3Aus-west-2%3A471731193365%3Astack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle?					
Client Request Token: Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1					

01:26:12 DELETE_IN_PROGRESS AWS::CloudFormation::WaitConditionHandle InstanceWaitHandle
UTC-0700

Physical ID:https://cloudformation-waitcondition-us-west-2.s3-us-west-2.amazonaws.com/arn%3Aaws%3Acloudformation%3Aus-west-2%3A471731193365%3Astack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle?

AWSAccessKeyId=AKIAIY5RM4DUXMU25KNA&Expires=1499466076&Signature=sU1BJv1gnxz%2B2mOmX2U564oUIR0%3D

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:26:12 DELETE_IN_PROGRESS AWS::IAM::InstanceProfile RootInstanceProfile
UTC-0700

Physical ID:hdc-cloud-4-RootInstanceProfile-O69ALQORU9PJ

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:26:12 DELETE_IN_PROGRESS AWS::EC2::SecurityGroup CloudbreakSecurityGroup
UTC-0700

Physical ID:sg-a130f8db

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:26:12 DELETE_IN_PROGRESS AWS::IAM::Role CredentialRole
UTC-0700

Physical ID:hdc-cloud-4-CredentialRole-8A0D3J2HWQ0W

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:26:11 UTC-0700 DELETE_COMPLETE AWS::EC2::Instance Cloudbreak

Physical ID:i-09587ed9b1bc0cb11

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:25:36 DELETE_IN_PROGRESS AWS::EC2::Instance Cloudbreak
UTC-0700

Physical ID:i-09587ed9b1bc0cb11

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:25:35 DELETE_COMPLETE AWS::CloudFormation::WaitCondition InstanceWaitCondition
UTC-0700

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:25:34 DELETE_IN_PROGRESS AWS::CloudFormation::WaitCondition InstanceWaitCondition
UTC-0700

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:25:21 ROLLBACK_IN_PROGRESS AWS::CloudFormation::Stack hdc-cloud-4 The following resource(s) failed to create: [InstanceWaitCondition] . Rollback requested by user.
UTC-0700

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

01:25:10 CREATE_FAILED AWS::CloudFormation::WaitCondition InstanceWaitCondition WaitCondition timed out. Received 0 conditions when expecting 1
UTC-0700

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

2017-07-06

Status

Type

Logical ID

Status reason

15:23:36 UTC-0700 CREATE_IN_PROGRESS AWS::CloudFormation::WaitCondition InstanceWaitCondition Resource creation Initiated

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:23:36 UTC-0700 CREATE_IN_PROGRESS AWS::CloudFormation::WaitCondition InstanceWaitCondition

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:23:33 UTC-0700 CREATE_COMPLETE AWS::EC2::Instance Cloudbreak

Physical ID:i-09587ed9b1bc0cb11

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:23:09 UTC-0700 CREATE_IN_PROGRESS AWS::EC2::Instance Cloudbreak Resource creation Initiated

Physical ID:i-09587ed9b1bc0cb11

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:23:08 UTC-0700 CREATE_IN_PROGRESS AWS::EC2::Instance Cloudbreak

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:23:04 UTC-0700 CREATE_COMPLETE AWS::IAM::InstanceProfile RootInstanceProfile

Physical ID:hdc-cloud-4-RootInstanceProfile-O69ALQORU9PJ

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:21:19 UTC-0700 CREATE_COMPLETE AWS::EC2::SecurityGroup CloudbreakSecurityGroup

Physical ID:sg-a130f8db

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:21:17 UTC-0700 CREATE_IN_PROGRESS AWS::EC2::SecurityGroup CloudbreakSecurityGroup Resource creation Initiated

Physical ID:sg-a130f8db

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

15:21:17 UTC-0700 CREATE_COMPLETE AWS::CloudFormation::WaitConditionHandle InstanceWaitHandle

Physical ID:https://cloudformation-waitcondition-us-west-2.s3-us-west-2.amazonaws.com/arn%3Aaws%3Acloudformation%3Aus-west-2%3A471731193365%3Astack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle?
AWSAccessKeyId=AKIAIY5RM4DUXMU25KNA&Expires=1499466076&Signature=sU1BJv1gnxz%2B2mOmX2U564oUIR0%3D

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:16 UTC-0700 CREATE_IN_PROGRESS AWS::CloudFormation::WaitConditionHandle InstanceWaitHandle Resource creation Initiated

Physical ID:https://cloudformation-waitcondition-us-west-2.s3-us-west-2.amazonaws.com/arn%3Aaws%3Acloudformation%3Aus-west-2%3A471731193365%3Astack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd/InstanceWaitHandle?
AWSAccessKeyId=AKIAIY5RM4DUXMU25KNA&Expires=1499466076&Signature=sU1BJv1gnxz%2B2mOmX2U564oUIR0%3D

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:16 UTC-0700 CREATE_IN_PROGRESS AWS::EC2::SecurityGroup CloudbreakSecurityGroup

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:16 UTC-0700 CREATE_IN_PROGRESS AWS::CloudFormation::WaitConditionHandle InstanceWaitHandle

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:14 UTC-0700 CREATE_COMPLETE Custom::ValidateNetwork PrecheckDeployment

Physical ID:2017/07/06/[\$LATEST]d4b94d64e65447129f28c579a597197e

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:13 UTC-0700 CREATE_IN_PROGRESS Custom::ValidateNetwork PrecheckDeployment Resource creation Initiated

Physical ID:2017/07/06/[\$LATEST]d4b94d64e65447129f28c579a597197e

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:05 UTC-0700 CREATE_IN_PROGRESS Custom::ValidateNetwork PrecheckDeployment

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:03 UTC-0700 CREATE_COMPLETE AWS::Lambda::Function ValidateVPC

Physical ID:hdc-cloud-4-ValidateVPC-4TH38880YBN7

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:03 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::InstanceProfile RootInstanceProfile Resource creation Initiated

Physical ID:hdc-cloud-4-RootInstanceProfile-069ALQORU9PJ

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:03 UTC-0700 CREATE_IN_PROGRESS AWS::Lambda::Function ValidateVPC Resource creation Initiated

Physical ID:hdc-cloud-4-ValidateVPC-4TH38880YBN7

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:02 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::InstanceProfile RootInstanceProfile

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:21:02 UTC-0700 CREATE_IN_PROGRESS AWS::Lambda::Function ValidateVPC

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:59 UTC-0700 CREATE_COMPLETE AWS::IAM::Role CredentialRole

Physical ID:hdc-cloud-4-CredentialRole-8A0D3J2HWQ0W

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:59 UTC-0700 CREATE_COMPLETE AWS::IAM::Role LambdaExecutionRole

Physical ID:hdc-cloud-4-LambdaExecutionRole-15B6N5GWT4089

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:58 UTC-0700 CREATE_COMPLETE AWS::IAM::Role CloudbreakRole

Physical ID:hdc-cloud-4-CloudbreakRole-1F12G21D2X58N

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:40 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role LambdaExecutionRole Resource creation Initiated

Physical ID:hdc-cloud-4-LambdaExecutionRole-15B6N5GWT4089

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:39 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role CredentialRole Resource creation Initiated

Physical ID:hdc-cloud-4-CredentialRole-8A0D3J2HWQ0W

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:39 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role CloudbreakRole Resource creation Initiated

Physical ID:hdc-cloud-4-CloudbreakRole-1F12G21D2X58N

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:39 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role LambdaExecutionRole

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:39 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role CredentialRole

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:39 UTC-0700 CREATE_IN_PROGRESS AWS::IAM::Role CloudbreakRole

Physical ID:

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1
15:20:34 UTC-0700 CREATE_IN_PROGRESS AWS::CloudFormation::Stack hdc-cloud-4 User Initiated

Physical ID:arn:aws:cloudformation:us-west-2:471731193365:stack/hdc-cloud-4/5435f4b0-6299-11e7-b25c-503acbd4dcfd

Client Request Token:Console-CreateStack-7329bed7-cfe4-49da-b1c8-5d7b82bf9fd1

Loading...

[View more events](#)

Template

[View/Edit template in Designer](#)

View original template View processed template

```
{
  "AWSTemplateFormatVersion": "2010-09-09",
  "Description": "Deploys Hortonworks Data Cloud for AWS into an existing VPC and connects an existing RDS instance. --AWSMP::571fb43d-99f6-41e8-9000-000000000000",
  "Parameters": {

    "VPCID": {
      "Description": "ID of an existing VPC which the instance will be deployed into",
      "Type": "AWS::EC2::VPC::Id",
      "ConstraintDescription": "must be the ID of an existing VPC.",
      "MinLength": "1"
    },
    "SubnetID": {
      "Description": "ID of an existing Subnet within the VPC which the instance will be deployed into",
      "Type": "AWS::EC2::Subnet::Id",
      "ConstraintDescription": "must be the ID of an existing Subnet.",
      "MinLength": "1"
    },
    "KeyName": {
      "Description": "Name of an existing EC2 KeyPair to enable SSH access to the instance",
      "Type": "AWS::EC2::KeyPair::KeyName",
      "MinLength": "1",
      "ConstraintDescription": "must be the name of an existing EC2 KeyPair."
    },
    "RemoteLocation": {
      "Description": "Allow connections from this address range. Must be a valid CIDR IP. Learn more at http://tinyurl.com/hdcloud-1-14-4-cidr",
      "ConstraintDescription": "must be a single IP address or an IP address range in CIDR notation (More information at http://tinyurl.com/hdc",
      "Type": "String",
      "AllowedPattern": "^(([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5])\\.){3}([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5])\\.([0-9]|"
    },
    "EmailAddress": {
      "Description": "Username for the Admin account. Must be a valid email address.",
      "Type": "String",
      "MinLength": "5",
      "MaxLength": "100",
      "ConstraintDescription": "must be a valid e-mail address",
      "AllowedPattern": "^(?:[a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\\.([a-z0-9!#$%&'*/=?^_`{|}~-]+)|\\(?:[\\x01-\\x08\\x0b\\x0c\\x0e-\\x1f\\x21\\x23"
    },
    "AdminPassword": {
      "Description": "Password for Admin account. Must be at least 8 characters containing letters, numbers and symbols.",
      "Type": "String",
      "NoEcho": "true",
      "MinLength": "8",
      "MaxLength": "50",
      "ConstraintDescription": "must be at least 8 characters containing letters, numbers and symbols.",
      "AllowedPattern": "^[^\\s\\t\\n\\r]{8,50}$"
    },
    "InstanceType": {
      "Description": "EC2 instance type to use for the cloud controller.",
      "Type": "String",
      "Default": "m4.large",
      "AllowedValues": [ "c3.xlarge", "c3.2xlarge", "c3.4xlarge", "c3.8xlarge", "c4.large", "c4.xlarge", "c4.2xlarge", "c4.4xlarge", "c4.8xlar"
    },
    "RdsUrl": {
      "Description": "Endpoint HOST:PORT for existing PostgreSQL RDS instance that you have already created and is accessible from the VPC and",
      "Type": "String",
      "ConstraintDescription": "RDS URL should match: HOST:PORT or IP:PORT",
      "AllowedPattern": "[a-zA-Z0-9-]{1,512}:[0-9]{2,6}"
    },
    "RdsUsername": {
      "Description": "Username for an existing RDS instance.",
      "Type": "String"
    },
    "RdsPassword": {
      "Description": "Password for an existing RDS instance.",
      "Type": "String",
      "NoEcho": "true",
      "ConstraintDescription": "Shouldn't be empty",
      "MinLength": "1"
    },
    "RdsDatabase": {
      "Description": "Name of an existing database on the RDS instance.",
      "Type": "String",
      "ConstraintDescription": "Shouldn't be empty",
      "MinLength": "1"
    }
  },
}
```

```

"ProductTelemetry" : {
  "Description" : "By Opting-In, you read and agree to the SmartSense terms at http://tinyurl.com/hdcloud-1-14-4-smartsense-1.",
  "Type" : "String",
  "Default" : "I Do Not Opt In to SmartSense Telemetry",
  "AllowedValues" : [ "I Have Read and Opt In to SmartSense Telemetry", "I Do Not Opt In to SmartSense Telemetry" ]
}
},
"Conditions" : {
  "AllowProductTelemetry" : { "Fn::Equals" : [{"Ref" : "ProductTelemetry"}, "I Have Read and Opt In to SmartSense Telemetry"]}
},
"Metadata" : {
  "AWS::CloudFormation::Interface" : {
    "ParameterGroups" : [
      {
        "Label" : { "default" : "General Configuration" },
        "Parameters" : [ "InstanceType", "EmailAddress", "AdminPassword", "ProductTelemetry" ]
      },
      {
        "Label" : { "default" : "Security Configuration" },
        "Parameters" : [ "KeyName", "RemoteLocation" ]
      },
      {
        "Label" : { "default" : "Network Configuration" },
        "Parameters" : [ "VPCID", "SubnetID" ]
      },
      {
        "Label" : { "default" : "RDS Configuration" },
        "Parameters" : [ "RdsUrl", "RdsUsername", "RdsPassword", "RdsDatabase" ]
      }
    ],
    "ParameterLabels" : {
      "InstanceType" : { "default" : "Controller Instance Type" },
      "EmailAddress" : { "default" : "Email Address" },
      "AdminPassword" : { "default" : "Admin Password" },
      "ProductTelemetry" : { "default" : "SmartSense" },
      "KeyName" : { "default" : "SSH Key Name" },
      "RemoteLocation" : { "default" : "Remote Access" },
      "VPCID" : { "default" : "VPC ID" },
      "SubnetID" : { "default" : "Subnet ID" },
      "RdsUrl" : { "default" : "RDS Endpoint" },
      "RdsUsername" : { "default" : "RDS Username" },
      "RdsPassword" : { "default" : "RDS Password" },
      "RdsDatabase" : { "default" : "Database Name" }
    }
  }
},
"Mappings": {
  "AWSRegionAMI": { "ap-northeast-1": {"ami": "ami-7c427d1b"}, "ap-southeast-1": {"ami": "ami-9d61e5fe"}, "ap-southeast-2": {"ami": "ami-7abbb119"} },
"Resources" : {
  "CloudbreakRole": {
    "Type": "AWS::IAM::Role",
    "Properties": {
      "AssumeRolePolicyDocument": {
        "Version": "2012-10-17",
        "Statement": [ {
          "Effect": "Allow",
          "Principal": {
            "Service": [ "ec2.amazonaws.com" ]
          },
          "Action": [ "sts:AssumeRole" ]
        } ]
      },
      "Path": "/",
      "Policies": [ {
        "PolicyName": "root",
        "PolicyDocument": {
          "Version": "2012-10-17",
          "Statement": [
            {
              "Effect": "Allow",
              "Action": [ "sts:AssumeRole" ],
              "Resource": "*"
            },
            {
              "Effect": "Allow",
              "Action": [ "ec2:DescribeKeyPairs",
                "ec2:DescribeInternetGateways",
                "ec2:DescribeVpcs",
                "ec2:DescribeSubnets",
                "cloudformation:DescribeStackResource",
                "iam:ListRoles" ],
              "Resource": "*"
            }
          ]
        }
      } ]
    }
  }
}

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    } ]
  } ]
},
"RootInstanceProfile": {
  "Type": "AWS::IAM::InstanceProfile",
  "Properties": {
    "Path": "/",
    "Roles": [ {
      "Ref": "CloudbreakRole"
    } ]
  }
},
"CredentialRole": {
  "Type": "AWS::IAM::Role",
  "Properties": {
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [ {
        "Effect": "Allow",
        "Principal": {
          "AWS": { "Fn::Join" : [ "", [ "arn:aws:iam::", { "Ref" : "AWS::AccountId" }, ":root" ] ] }
        },
        "Action": [ "sts:AssumeRole" ],
        "Condition": {
          "StringEquals": {
            "sts:ExternalId": "provision-ambari"
          }
        }
      } ]
    }
  },
  "Path": "/",
  "Policies": [ {
    "PolicyName": "root",
    "PolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [ {
        "Effect": "Allow",
        "Action": [ "ec2:DeleteRoute",
          "ec2:DeleteRouteTable",
          "ec2:DeleteSecurityGroup",
          "ec2:StartInstances",
          "ec2:StopInstances",
          "ec2:TerminateInstances" ],
        "Resource": "*"
      } ],
      "Effect": "Allow",
      "Action": [ "autoscaling:CreateAutoScalingGroup",
        "autoscaling:CreateLaunchConfiguration",
        "autoscaling:DeleteAutoScalingGroup",
        "autoscaling:DeleteLaunchConfiguration",
        "autoscaling:DescribeAutoScalingGroups",
        "autoscaling:DescribeLaunchConfigurations",
        "autoscaling:DescribeScalingActivities",
        "autoscaling:DetachInstances",
        "autoscaling:ResumeProcesses",
        "autoscaling:SuspendProcesses",
        "autoscaling:UpdateAutoScalingGroup",
        "cloudformation:CreateStack",
        "cloudformation:DeleteStack",
        "cloudformation:DescribeStackEvents",
        "cloudformation:DescribeStackResource",
        "cloudformation:DescribeStacks",
        "iam:ListRolePolicies",
        "iam:GetRolePolicy",
        "iam:CreateInstanceProfile",
        "iam:AddRoleToInstanceProfile",
        "iam:ListAttachedRolePolicies",
        "iam:PutRolePolicy",
        "iam:PassRole",
        "iam:CreateRole",
        "iam:GetRole",
        "iam:DeleteRolePolicy",
        "iam:DeleteRole",
        "iam:RemoveRoleFromInstanceProfile",
        "iam:DeleteInstanceProfile",
        "ec2:AllocateAddress",
        "ec2:AssociateAddress",
        "ec2:AssociateRouteTable",
        "ec2:AuthorizeSecurityGroupIngress",
        "ec2:CreateRoute",
        "ec2:CreateRouteTable",
        "ec2:CreateSecurityGroup",
        "ec2:CreateSubnet",
        "ec2:CreateTags",
        "ec2:DeleteSubnet",
        "ec2:DisassociateAddress",
        "ec2:DisassociateRouteTable",
        "ec2:ModifySubnetAttribute",
        "ec2:ReleaseAddress",
        "ec2:DescribeAddresses",
        "ec2:DescribeImages",
        "ec2:DescribeInstanceStatus",
        "ec2:DescribeInstances",
        "ec2:DescribeInternetGateways",
        "ec2:DescribeKeyPairs",
        "ec2:DescribeRouteTables",
        "ec2:DescribeSecurityGroups",

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                "ec2:DescribeSpotInstanceRequests",
                "ec2:DescribeSubnets",
                "ec2:DescribeVpcs",
                "ec2:DescribeVpcAttribute" ],
        "Resource": "*"
    } ]
} ]
}
},
"Cloudbreak": {
    "Type": "AWS::EC2::Instance",
    "DependsOn": [ "CredentialRole", "PrecheckDeployment"],
    "Metadata": {
        "cloudbreak": {
            "user": { "Ref": "EmailAddress" },
            "password": { "Ref": "AdminPassword" },
            "secret": {
                "default": "cbsecret2015"
            }
        },
        "rds": {
            "user": { "Ref": "RdsUsername" },
            "password": { "Ref": "RdsPassword" }
        }
    }
},
"profile": { "Fn::Join": [ "", [
    "export CREDENTIAL_ROLE_ARN=", { "Fn::GetAtt": [ "CredentialRole", "Arn" ] }, "'\n",
    "export KEYPAIR_NAME=", { "Ref": "KeyName" }, "'\n",
    "export PRODUCT_TELEMETRY=", { "Ref": "ProductTelemetry" }, "'\n",
    "export WAIT_HANDLE_URL=", { "Ref": "InstanceWaitHandle" }, "'\n",
    "export VPC_ID=", { "Ref": "VPCID" }, "'\n",

    "export SUBNET_ID=", { "Ref": "SubnetID" }, "'\n",

    "export CBD_VERSION=1.14.4\n",
    "export BUILD_CLUSTER=false\n",
    "export EXISTING_VPC=true\n",

    "export GA=true\n",

    "export RDS_URL=", { "Ref": "RdsUrl" }, "\n",
    "\n",
    ""
]]],
"cbdprofile": { "Fn::Join": [ "", [
    "get-meta() { aws --region ", { "Ref": "AWS::Region" }, " cloudformation describe-stack-resource --stack-name ", { "Ref": "AWS::Sta
    "# START-CF-TEMPLATE\n",
    "export UAA_DEFAULT_SECRET=$(get-meta '.cloudbreak.secret.default')", "\n",

    "export RDS_URL=", { "Ref": "RdsUrl" }, "\n",
    "export CB_DB_PORT_5432_TCP_ADDR=${RDS_URL%%:*}\n",
    "export CB_DB_PORT_5432_TCP_PORT=${RDS_URL##*}\n",
    "export CB_DB_ENV_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
    "export CB_DB_ENV_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
    "export CB_DB_ENV_DB=", { "Ref": "RdsDatabase" }, "\n",
    "\n",
    "export PERISCOPE_DB_TCP_ADDR=${RDS_URL%%:*}\n",
    "export PERISCOPE_DB_TCP_PORT=${RDS_URL##*}\n",
    "export PERISCOPE_DB_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
    "export PERISCOPE_DB_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
    "export PERISCOPE_DB_NAME=", { "Ref": "RdsDatabase" }, "\n",
    "export PERISCOPE_DB_SCHEMA_NAME=autoscale\n",
    "\n",
    "export IDENTITY_DB_URL=", { "Ref": "RdsUrl" }, "\n",
    "export IDENTITY_DB_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
    "export IDENTITY_DB_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
    "export IDENTITY_DB_NAME=", { "Ref": "RdsDatabase" }, "\n",

    "export CB_BLUEPRINT_DEFAULTS='Data Science: Apache Spark 1.6, Apache Zeppelin 0.6.0=hdp25-data-science;EDW-ETL: Apache Hive 1.2.1, Apa

    "export COMPOSE_HTTP_TIMEOUT=240", "\n",
    "export UAA_DEFAULT_USER_EMAIL=", { "Ref": "EmailAddress" }, "'", "\n",
    "export UAA_DEFAULT_USER_PW=''\n",
    "export CB_AWS_DEFAULT_CF_TAG=", { "Ref": "AWS::StackId" }, "'", "\n",
    "export ULU_HWX_CLOUD_DEFAULT_CREDENTIAL=aws-access", "\n",
    "export ULU_HWX_CLOUD_DEFAULT_REGION=", { "Ref": "AWS::Region" }, "\n",
    "export CB_PLATFORM_DEFAULT_REGIONS=AWS:", { "Ref": "AWS::Region" }, "\n",
    "export ULU_HWX_CLOUD_DEFAULT_VPC_ID=", { "Ref": "VPCID" }, "'", "\n",
    "export ULU_HWX_CLOUD_DEFAULT_SSH_KEY=", { "Ref": "KeyName" }, "\n",
    "export DOCKER_IMAGE_CLOUDBREAK_WEB=hortonworks/cloud-web", "\n",
    "export DOCKER_IMAGE_CLOUDBREAK_AUTH=hortonworks/cloud-auth", "\n",
    "export AWS_ACCOUNT_ID=", { "Ref": "AWS::AccountId" }, "'", "\n",
    "export CLOUDBREAK_TELEMETRY_MAIL_ADDRESS=aws-marketplace@hortonworks.com", "\n",
    "export HWX_CLOUD_TYPE=advanced", "\n",
    "export HWX_CLOUD_TEMPLATE_VERSION=1.14.4", "\n",
    "export AWS_AMI_ID=$(curl -4fs 169.254.169.254/latest/meta-data/ami-id)", "\n",
    "export AWS_INSTANCE_ID=$(curl -4fs 169.254.169.254/latest/meta-data/instance-id)", "\n",
    "export CB_SMARTSENSE_CONFIGURE=", { "Fn::If": ["AllowProductTelemetry", "true", "false"] }, "\n",

    "export HWX_DISPLAY_TERMS_AND_CONDITIONS=false", "\n",

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"export HWX_HCC_AVAILABLE=true", "\n",

"export CB_IMAGE_CATALOG_URL=https://s3-eu-west-1.amazonaws.com/cloudbreak-info/marketplace-cb-image-catalog.json", "\n",
"export ULU_HWX_CLOUD_REGISTRATION_URL=https://service.hdcloud.hortonworks.com", "\n",

"export ULU_HWX_CLOUD_DEFAULT_SUBNET_ID=", { "Ref" : "SubnetID" } ,"" , "\n",

"export ULU_SUBSCRIBE_TO_NOTIFICATIONS=false", "\n",
"export CB_DEFAULT_SUBSCRIPTION_ADDRESS=http://uluwatu.service.consul:3000/notifications", "\n",
"export CB_AWS_DEFAULT_INBOUND_SECURITY_GROUP=", { "Ref" : "CloudbreakSecurityGroup" }, "\n",
"export CB_AWS_VPC=", { "Ref" : "VPCID" } ,"" , "\n",
"# END-CF-TEMPLATE\n"

  ]}]
},
"Properties": {
  "IamInstanceProfile": { "Ref" : "RootInstanceProfile" },
  "ImageId": { "Fn::FindInMap" : [ "AWSRegionAMI", { "Ref" : "AWS::Region" }, "ami" ] },

  "NetworkInterfaces" : [ { "AssociatePublicIpAddress" : true, "DeviceIndex" : "0", "SubnetId" : { "Ref" : "SubnetID" }, "GroupSet" : [{

    "InstanceType" : { "Ref" : "InstanceType" },
    "KeyName" : { "Ref" : "KeyName" },
    "Tags" : [
      { "Key" : "Name", "Value" : { "Fn::Join" : [ "", [ { "Ref" : "AWS::StackName" }, "-cbd" ] ] } }
    ],
    "UserData" : "IyEvYmluL2Jhc2gKCjogJHtUukFDRto9IiJ9CjogJHtERUJVRzo9MX0KOiAke0RFUEXPWUVSx0xPQ0FUSU900j0iL3Zhci9saWVY2xvdWRicmVhay1
  }
  ],
  "InstanceWaitHandle" : {
    "DependsOn": "PrecheckDeployment",
    "Type" : "AWS::CloudFormation::WaitConditionHandle"
  },
  "InstanceWaitCondition" : {
    "Type" : "AWS::CloudFormation::WaitCondition",
    "DependsOn" : "Cloudbreak",
    "Properties" : {
      "Handle" : { "Ref" : "InstanceWaitHandle" },
      "Timeout" : 36000
    }
  }
},

"PrecheckDeployment": {
  "Type": "Custom::ValidateNetwork",
  "Properties": {
    "ServiceToken": {
      "Fn::GetAtt": ["ValidateVPC", "Arn"]
    },
    "SUBNET": {
      "Ref": "SubnetID"
    },
    "VPC": {
      "Ref": "VPCID"
    }
  }
},

"ValidateVPC": {
  "Type": "AWS::Lambda::Function",
  "Properties": {
    "Handler": "index.handler",
    "Role": {
      "Fn::GetAtt": ["LambdaExecutionRole", "Arn"]
    },
    "Code": {
      "ZipFile": "send=function(e,t,n,s){var r=JSON.stringify({Status:n,Reason:s+\" CloudWatch Log: \"+t.logStreamName,PhysicalResourceId:t
    },
    "Runtime": "nodejs4.3",
    "Timeout": "60"
  }
},

"LambdaExecutionRole": {
  "Type": "AWS::IAM::Role",
  "Properties": {
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [{
        "Effect": "Allow",
        "Principal": {
          "Service": ["lambda.amazonaws.com"]
        },
        "Action": ["sts:AssumeRole"]
      }
    ]
  },
  "Path": "/",
  "Policies": [{
    "PolicyName": "root",
    "PolicyDocument": {
      "Version": "2012-10-17",

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        "Statement": [{
            "Effect": "Allow",
            "Action": ["logs:CreateLogGroup", "logs:CreateLogStream", "logs:PutLogEvents"],
            "Resource": "arn:aws:logs:*:*:*"
        }, {
            "Effect": "Allow",
            "Action": ["cloudformation:DescribeStacks"],
            "Resource": "*"
        }, {
            "Effect": "Allow",
            "Action": [
                "ec2:DescribeInternetGateways",
                "ec2:DescribeSubnets",
                "ec2:DescribeVpcAttribute"
            ],
            "Resource": "*"
        }
    ]
}
]]
}
},
"CloudbreakSecurityGroup" : {
    "DependsOn": "PrecheckDeployment",
    "Type" : "AWS::EC2::SecurityGroup",
    "Properties" : {
        "VpcId" : { "Ref" : "VPCID" },
        "GroupDescription" : "Enable HTTP access to Cloud UI and SSH access from a remote location",
        "SecurityGroupIngress" : [
            { "IpProtocol" : "tcp", "FromPort" : "80", "ToPort" : "80", "CidrIp" : { "Ref" : "RemoteLocation" } },
            { "IpProtocol" : "tcp", "FromPort" : "443", "ToPort" : "443", "CidrIp" : { "Ref" : "RemoteLocation" } },
            { "IpProtocol" : "tcp", "FromPort" : "22", "ToPort" : "22", "CidrIp" : { "Ref" : "RemoteLocation" } }
        ]
    }
}
},
"Outputs" : {
    "CloudController" : {
        "Value" : { "Fn::GetAtt" : [ "InstanceWaitCondition", "Data" ] },
        "Description" : "URL to the Cloud UI. Login using the Admin account information you provided during Create Stack."
    },
    "SshAccess" : {
        "Value" : { "Fn::Join" : [ "", [ "ssh -i ", { "Ref" : "KeyName" }, ".pem cloudbreak@", { "Fn::GetAtt" : [ "Cloudbreak", "PublicIp" ] } ] ] },
        "Description" : "Access the instance via ssh"
    }
}
}
}
}

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{
  "AWSTemplateFormatVersion": "2010-09-09",
  "Description": "Deploys Hortonworks Data Cloud for AWS into an existing VPC and connects an existing RDS instance. --AWSMP::571fb43d-99f6-418",
  "Parameters": {

    "VPCID": {
      "Description": "ID of an existing VPC which the instance will be deployed into",
      "Type": "AWS::EC2::VPC::Id",
      "ConstraintDescription": "must be the ID of an existing VPC.",
      "MinLength" : "1"
    },
    "SubnetID": {
      "Description": "ID of an existing Subnet within the VPC which the instance will be deployed into",
      "Type": "AWS::EC2::Subnet::Id",
      "ConstraintDescription": "must be the ID of an existing Subnet.",
      "MinLength" : "1"
    },
    "KeyName": {
      "Description": "Name of an existing EC2 KeyPair to enable SSH access to the instance",
      "Type": "AWS::EC2::KeyPair::KeyName",
      "MinLength" : "1",
      "ConstraintDescription": "must be the name of an existing EC2 KeyPair."
    },
    "RemoteLocation": {
      "Description": "Allow connections from this address range. Must be a valid CIDR IP. Learn more at http://tinyurl.com/hdcloud-1-14-4-cidr-
      "ConstraintDescription": "must be a single IP address or an IP address range in CIDR notation (More information at http://tinyurl.com/hdc
      "Type": "String",
      "AllowedPattern" : "^(?([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5])\\.){3}([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5])(\\/([0-9]|[
    ],
    "EmailAddress" : {
      "Description" : "Username for the Admin account. Must be a valid email address.",
      "Type" : "String",
      "MinLength" : "5",
      "MaxLength" : "100",
      "ConstraintDescription" : "must be a valid e-mail address",
      "AllowedPattern" : "^(?([a-z0-9!#$%&'*/=?^_`{|}~-]+(?:\\.([a-z0-9!#$%&'*/=?^_`{|}~-]+)|\\(?[\\x01-\\x08\\x0b\\x0c\\x0e-\\x1f\\x21\\x23
    },
    "AdminPassword" : {
      "Description" : "Password for Admin account. Must be at least 8 characters containing letters, numbers and symbols.",

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    "Type" : "String",
    "NoEcho": "true",
    "MinLength" : "8",
    "MaxLength" : "50",
    "ConstraintDescription" : "must be at least 8 characters containing letters, numbers and symbols.",
    "AllowedPattern" : "^[^\\s\\t\\n\\r]{8,50}$"
  },
  "InstanceType" : {
    "Description" : "EC2 instance type to use for the cloud controller.",
    "Type" : "String",
    "Default" : "m4.large",
    "AllowedValues" : [ "c3.xlarge", "c3.2xlarge", "c3.4xlarge", "c3.8xlarge", "c4.large", "c4.xlarge", "c4.2xlarge", "c4.4xlarge", "c4.xlar
  ],
  "RdsUrl": {
    "Description": "Endpoint HOST:PORT for existing PostgreSQL RDS instance that you have already created and is accessible from the VPC and
    "Type": "String",
    "ConstraintDescription" : "RDS URL should match: HOST:PORT or IP:PORT",
    "AllowedPattern": "[a-zA-Z0-9-]{1,512}:[0-9]{2,6}"
  },
  "RdsUsername": {
    "Description": "Username for an existing RDS instance.",
    "Type": "String"
  },
  "RdsPassword": {
    "Description": "Password for an existing RDS instance.",
    "Type": "String",
    "NoEcho": "true",
    "ConstraintDescription" : "Shouldn't be empty",
    "MinLength" : "1"
  },
  "RdsDatabase": {
    "Description": "Name of an existing database on the RDS instance.",
    "Type": "String",
    "ConstraintDescription" : "Shouldn't be empty",
    "MinLength" : "1"
  },
  "ProductTelemetry" : {
    "Description" : "By Opting-In, you read and agree to the SmartSense terms at http://tinyurl.com/hdcloud-1-14-4-smartsense-1.",
    "Type" : "String",
    "Default" : "I Do Not Opt In to SmartSense Telemetry",
    "AllowedValues" : [ "I Have Read and Opt In to SmartSense Telemetry", "I Do Not Opt In to SmartSense Telemetry" ]
  }
},
"Conditions" : {
  "AllowProductTelemetry" : {"Fn::Equals" : [{"Ref" : "ProductTelemetry"}, "I Have Read and Opt In to SmartSense Telemetry"]}
},
"Metadata" : {
  "AWS::CloudFormation::Interface" : {
    "ParameterGroups" : [
      {
        "Label" : { "default" : "General Configuration" },
        "Parameters" : [ "InstanceType", "EmailAddress", "AdminPassword", "ProductTelemetry" ]
      },
      {
        "Label" : { "default" : "Security Configuration" },
        "Parameters" : [ "KeyName", "RemoteLocation" ]
      },
      {
        "Label" : { "default" : "Network Configuration" },
        "Parameters" : [ "VPCID", "SubnetID" ]
      },
      {
        "Label" : { "default" : "RDS Configuration" },
        "Parameters" : [ "RdsUrl", "RdsUsername", "RdsPassword", "RdsDatabase" ]
      }
    ],
    "ParameterLabels" : {
      "InstanceType" : { "default" : "Controller Instance Type" },
      "EmailAddress" : { "default" : "Email Address" },
      "AdminPassword" : { "default" : "Admin Password" },
      "ProductTelemetry" : { "default" : "SmartSense" },
      "KeyName" : { "default" : "SSH Key Name" },
      "RemoteLocation" : { "default" : "Remote Access" },
      "VPCID" : { "default" : "VPC ID" },
      "SubnetID" : { "default" : "Subnet ID" }
    },
    "RdsUrl" : { "default" : "RDS Endpoint" },
    "RdsUsername" : { "default" : "RDS Username" },
    "RdsPassword" : { "default" : "RDS Password" },
    "RdsDatabase" : { "default" : "Database Name" }
  }
},
"Mappings": {
  "AWSRegionAMI": {"ap-northeast-1":{"ami":"ami-7c427d1b"},"ap-southeast-1":{"ami":"ami-9d61e5fe"},"ap-southeast-2":{"ami":"ami-7abbb119"}},
},
"Resources" : {

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"CloudbreakRole": {
  "Type": "AWS::IAM::Role",
  "Properties": {
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [ {
        "Effect": "Allow",
        "Principal": {
          "Service": [ "ec2.amazonaws.com" ]
        },
        "Action": [ "sts:AssumeRole" ]
      } ]
    },
    "Path": "/",
    "Policies": [ {
      "PolicyName": "root",
      "PolicyDocument": {
        "Version": "2012-10-17",
        "Statement": [
          {
            "Effect": "Allow",
            "Action": [ "sts:AssumeRole" ],
            "Resource": "*"
          },
          {
            "Effect": "Allow",
            "Action": [ "ec2:DescribeKeyPairs",
              "ec2:DescribeInternetGateways",
              "ec2:DescribeVpcs",
              "ec2:DescribeSubnets",
              "cloudformation:DescribeStackResource",
              "iam:ListRoles" ],
            "Resource": "*"
          }
        ]
      }
    ]
  }
},
"RootInstanceProfile": {
  "Type": "AWS::IAM::InstanceProfile",
  "Properties": {
    "Path": "/",
    "Roles": [ {
      "Ref": "CloudbreakRole"
    } ]
  }
},
"CredentialRole": {
  "Type": "AWS::IAM::Role",
  "Properties": {
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [ {
        "Effect": "Allow",
        "Principal": {
          "AWS": { "Fn::Join": [ "", [ "arn:aws:iam::", { "Ref": "AWS::AccountId" }, ":root" ] ] }
        },
        "Action": [ "sts:AssumeRole" ],
        "Condition": {
          "StringEquals": {
            "sts:ExternalId": "provision-ambari"
          }
        }
      } ]
    },
    "Path": "/",
    "Policies": [ {
      "PolicyName": "root",
      "PolicyDocument": {
        "Version": "2012-10-17",
        "Statement": [ {
          "Effect": "Allow",
          "Action": [ "ec2:DeleteRoute",
            "ec2:DeleteRouteTable",
            "ec2:DeleteSecurityGroup",
            "ec2:StartInstances",
            "ec2:StopInstances",
            "ec2:TerminateInstances" ],
          "Resource": "*"
        }, {
          "Effect": "Allow",
          "Action": [ "autoscaling:CreateAutoScalingGroup",
            "autoscaling:CreateLaunchConfiguration",
            "autoscaling:DeleteAutoScalingGroup",
            "autoscaling:DeleteLaunchConfiguration",
            "autoscaling:DescribeAutoScalingGroups",
            "autoscaling:DescribeLaunchConfigurations",
            "autoscaling:DescribeScalingActivities",
            "autoscaling:DetachInstances",
            "autoscaling:ResumeProcesses",
            "autoscaling:SuspendProcesses",
            "autoscaling:UpdateAutoScalingGroup",
            "cloudformation:CreateStack",
            "cloudformation>DeleteStack",

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        "cloudformation:DescribeStackEvents",
        "cloudformation:DescribeStackResource",
        "cloudformation:DescribeStacks",
        "iam:ListRolePolicies",
        "iam:GetRolePolicy",
        "iam:CreateInstanceProfile",
        "iam:AddRoleToInstanceProfile",
        "iam:ListAttachedRolePolicies",
        "iam:PutRolePolicy",
        "iam:PassRole",
        "iam:CreateRole",
        "iam:GetRole",
        "iam>DeleteRolePolicy",
        "iam>DeleteRole",
        "iam:RemoveRoleFromInstanceProfile",
        "iam>DeleteInstanceProfile",
        "ec2:AllocateAddress",
        "ec2:AssociateAddress",
        "ec2:AssociateRouteTable",
        "ec2:AuthorizeSecurityGroupIngress",
        "ec2:CreateRoute",
        "ec2:CreateRouteTable",
        "ec2:CreateSecurityGroup",
        "ec2:CreateSubnet",
        "ec2:CreateTags",
        "ec2>DeleteSubnet",
        "ec2:DisassociateAddress",
        "ec2:DisassociateRouteTable",
        "ec2:ModifySubnetAttribute",
        "ec2:ReleaseAddress",
        "ec2:DescribeAddresses",
        "ec2:DescribeImages",
        "ec2:DescribeInstanceStatus",
        "ec2:DescribeInstances",
        "ec2:DescribeInternetGateways",
        "ec2:DescribeKeyPairs",
        "ec2:DescribeRouteTables",
        "ec2:DescribeSecurityGroups",
        "ec2:DescribeSpotInstanceRequests",
        "ec2:DescribeSubnets",
        "ec2:DescribeVpcs",
        "ec2:DescribeVpcAttribute" ],
    "Resource": "*"
  } ]
} ]
},
"Cloudbreak": {
  "Type": "AWS::EC2::Instance",
  "DependsOn": [ "CredentialRole", "PrecheckDeployment" ],
  "Metadata": {
    "cloudbreak": {
      "user": { "Ref": "EmailAddress" },
      "password": { "Ref": "AdminPassword" },
      "secret": {
        "default": "cbsecret2015"
      }
    },
    "rds": {
      "user": { "Ref": "RdsUsername" },
      "password": { "Ref": "RdsPassword" }
    }
  },
  "profile": { "Fn::Join": [ "", [
    "export CREDENTIAL_ROLE_ARN=", { "Fn::GetAtt": [ "CredentialRole", "Arn" ] }, "'\n",
    "export KEYPAIR_NAME=", { "Ref": "KeyName" }, "\n",
    "export PRODUCT_TELEMETRY=", { "Ref": "ProductTelemetry" }, "'\n",
    "export WAIT_HANDLE_URL=", { "Ref": "InstanceWaitHandle" }, "'\n",
    "export VPC_ID=", { "Ref": "VPCID" }, "'\n",
    "export SUBNET_ID=", { "Ref": "SubnetID" }, "'\n",
    "export CBD_VERSION=1.14.4\n",
    "export BUILD_CLUSTER=false\n",
    "export EXISTING_VPC=true\n",
    "export GA=true\n",
    "export RDS_URL=", { "Ref": "RdsUrl" }, "\n",
    "\n",
    ""
  ] ] },
  "cbdprofile": { "Fn::Join": [ "", [
    "get-meta() { aws --region ", { "Ref": "AWS::Region" }, " cloudformation describe-stack-resource --stack-name ", { "Ref": "AWS::Sta
    "# START-CF-TEMPLATE\n",
    "export UAA_DEFAULT_SECRET=$(get-meta '.cloudbreak.secret.default')", "\n",
    "export RDS_URL=", { "Ref": "RdsUrl" }, "\n",
    "export CB_DB_PORT_5432_TCP_ADDR=${RDS_URL%%:*}\n",
    "export CB_DB_PORT_5432_TCP_PORT=${RDS_URL##*}\n",
    "export CB_DB_ENV_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
    "export CB_DB_ENV_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
    "export CB_DB_ENV_DB=", { "Ref": "RdsDatabase" }, "\n",

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"\n",
"export PERISCOPE_DB_TCP_ADDR=${RDS_URL%%:*}\n",
"export PERISCOPE_DB_TCP_PORT=${RDS_URL##*}\n",
"export PERISCOPE_DB_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
"export PERISCOPE_DB_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
"export PERISCOPE_DB_NAME=", { "Ref" : "RdsDatabase" }, "\n",
"export PERISCOPE_DB_SCHEMA_NAME=autoscale\n",
"\n",
"export IDENTITY_DB_URL=", { "Ref" : "RdsUrl" }, "\n",
"export IDENTITY_DB_USER=$(get-meta '.cloudbreak.rds.user')", "\n",
"export IDENTITY_DB_PASS=$(get-meta '.cloudbreak.rds.password')", "\n",
"export IDENTITY_DB_NAME=", { "Ref" : "RdsDatabase" }, "\n",

"export CB_BLUEPRINT_DEFAULTS='Data Science: Apache Spark 1.6, Apache Zeppelin 0.6.0=hdp25-data-science;EDW-ETL: Apache Hive 1.2.1, Apa

"export COMPOSE_HTTP_TIMEOUT=240", "\n",
"export UAA_DEFAULT_USER_EMAIL=", { "Ref" : "EmailAddress" }, "", "\n",
"export UAA_DEFAULT_USER_PW=", "\n",
"export CB_AWS_DEFAULT_CF_TAG=", { "Ref" : "AWS::StackId" }, "", "\n",
"export ULU_HWX_CLOUD_DEFAULT_CREDENTIAL=aws-access", "\n",
"export ULU_HWX_CLOUD_DEFAULT_REGION=", { "Ref" : "AWS::Region" }, "\n",
"export CB_PLATFORM_DEFAULT_REGIONS=AWS:", { "Ref" : "AWS::Region" }, "\n",
"export ULU_HWX_CLOUD_DEFAULT_VPC_ID=", { "Ref" : "VPCID" }, "", "\n",
"export ULU_HWX_CLOUD_DEFAULT_SSH_KEY=", { "Ref" : "KeyName" }, "\n",
"export DOCKER_IMAGE_CLOUDBREAK_WEB=hortonworks/cloud-web", "\n",
"export DOCKER_IMAGE_CLOUDBREAK_AUTH=hortonworks/cloud-auth", "\n",
"export AWS_ACCOUNT_ID=", { "Ref" : "AWS::AccountId" }, "", "\n",
"export CLOUDBREAK_TELEMETRY_MAIL_ADDRESS=aws-marketplace@hortonworks.com", "\n",
"export HWX_CLOUD_TYPE=advanced", "\n",
"export HWX_CLOUD_TEMPLATE_VERSION=1.14.4", "\n",
"export AWS_AMI_ID=$(curl -4fs 169.254.169.254/latest/meta-data/ami-id)", "\n",
"export AWS_INSTANCE_ID=$(curl -4fs 169.254.169.254/latest/meta-data/instance-id)", "\n",
"export CB_SMARTSENSE_CONFIGURE=", { "Fn::If" : ["AllowProductTelemetry", "true", "false"]}, "\n",

"export HWX_DISPLAY_TERMS_AND_CONDITIONS=false", "\n",
"export HWX_HCC_AVAILABLE=true", "\n",

"export CB_IMAGE_CATALOG_URL=https://s3-eu-west-1.amazonaws.com/cloudbreak-info/marketplace-cb-image-catalog.json", "\n",
"export ULU_HWX_CLOUD_REGISTRATION_URL=https://service.hdcloud.hortonworks.com", "\n",

"export ULU_HWX_CLOUD_DEFAULT_SUBNET_ID=", { "Ref" : "SubnetID" }, "", "\n",

"export ULU_SUBSCRIBE_TO_NOTIFICATIONS=false", "\n",
"export CB_DEFAULT_SUBSCRIPTION_ADDRESS=http://uluwatu.service.consul:3000/notifications", "\n",
"export CB_AWS_DEFAULT_INBOUND_SECURITY_GROUP=", { "Ref" : "CloudbreakSecurityGroup" }, "\n",
"export CB_AWS_VPC=", { "Ref" : "VPCID" }, "", "\n",
"# END-CF-TEMPLATE\n"

]]}
},
"Properties": {
  "IamInstanceProfile": { "Ref" : "RootInstanceProfile" },
  "ImageId": { "Fn::FindInMap": [ "AWSRegionAMI", { "Ref" : "AWS::Region" }, "ami" ] },

  "NetworkInterfaces": [ { "AssociatePublicIpAddress": true, "DeviceIndex": "0", "SubnetId": { "Ref" : "SubnetID" }, "GroupSet": [ {
    "InstanceType": { "Ref" : "InstanceType" },
    "KeyName": { "Ref" : "KeyName" },
    "Tags": [
      { "Key": "Name", "Value": { "Fn::Join": [ "", [ { "Ref" : "AWS::StackName" }, "-cbd" ] ] }
    ],
    "UserData": "IyEvYmluL2Jhc2gkCjogJHtUUKFRDR09IiJ9CjogJHtERUJVRz09MX0KOiAke0RFUEExPWUVVX0xPQ0FUSU90Oj0iL3Zhci9saWVlY2x2dWRicmVhay1
  }
}
},
"InstanceWaitHandle": {
  "DependsOn": "PrecheckDeployment",
  "Type": "AWS::CloudFormation::WaitConditionHandle"
},
"InstanceWaitCondition": {
  "Type": "AWS::CloudFormation::WaitCondition",
  "DependsOn": "Cloudbreak",
  "Properties": {
    "Handle": { "Ref" : "InstanceWaitHandle" },
    "Timeout": 36000
  }
},
"PrecheckDeployment": {
  "Type": "Custom::ValidateNetwork",
  "Properties": {
    "ServiceToken": {
      "Fn::GetAtt": ["ValidateVPC", "Arn"]
    },
    "SUBNET": {
      "Ref": "SubnetID"
    },
    "VPC": {

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    "Ref": "VPCID"
  }
}
},
"ValidateVPC": {
  "Type": "AWS::Lambda::Function",
  "Properties": {
    "Handler": "index.handler",
    "Role": {
      "Fn::GetAtt": ["LambdaExecutionRole", "Arn"]
    },
    "Code": {
      "ZipFile": "send=function(e,t,n,s){var r=JSON.stringify({Status:n,Reason:s+\" CloudWatch Log: \"+t.logStreamName,PhysicalResourceId:t
    },
    "Runtime": "nodejs4.3",
    "Timeout": "60"
  }
},
"LambdaExecutionRole": {
  "Type": "AWS::IAM::Role",
  "Properties": {
    "AssumeRolePolicyDocument": {
      "Version": "2012-10-17",
      "Statement": [{
        "Effect": "Allow",
        "Principal": {
          "Service": ["lambda.amazonaws.com"]
        },
        "Action": ["sts:AssumeRole"]
      }],
    },
    "Path": "/",
    "Policies": [{
      "PolicyName": "root",
      "PolicyDocument": {
        "Version": "2012-10-17",
        "Statement": [{
          "Effect": "Allow",
          "Action": ["logs:CreateLogGroup", "logs:CreateLogStream", "logs:PutLogEvents"],
          "Resource": "arn:aws:logs:*:*:*"
        }, {
          "Effect": "Allow",
          "Action": ["cloudformation:DescribeStacks"],
          "Resource": "*"
        }, {
          "Effect": "Allow",
          "Action": [
            "ec2:DescribeInternetGateways",
            "ec2:DescribeSubnets",
            "ec2:DescribeVpcAttribute"
          ],
          "Resource": "*"
        }
      ]
    }
  ]
}
}
}
},
"CloudbreakSecurityGroup" : {
  "DependsOn": "PrecheckDeployment",
  "Type" : "AWS::EC2::SecurityGroup",
  "Properties" : {
    "VpcId" : { "Ref" : "VPCID" },
    "GroupDescription" : "Enable HTTP access to Cloud UI and SSH access from a remote location",
    "SecurityGroupIngress" : [
      { "IpProtocol" : "tcp", "FromPort" : "80", "ToPort" : "80", "CidrIp" : { "Ref" : "RemoteLocation" } },
      { "IpProtocol" : "tcp", "FromPort" : "443", "ToPort" : "443", "CidrIp" : { "Ref" : "RemoteLocation" } },
      { "IpProtocol" : "tcp", "FromPort" : "22", "ToPort" : "22", "CidrIp" : { "Ref" : "RemoteLocation" } }
    ]
  }
}
},
"Outputs" : {
  "CloudController" : {
    "Value" : { "Fn::GetAtt" : [ "InstanceWaitCondition", "Data" ] },
    "Description" : "URL to the Cloud UI. Login using the Admin account information you provided during Create Stack."
  },
  "SshAccess" : {
    "Value" : { "Fn::Join" : [ "", [ "ssh -i ", { "Ref" : "KeyName" }, ".pem cloudbreak@", { "Fn::GetAtt" : [ "Cloudbreak", "PublicIp" ] } ] ] },
    "Description" : "Access the instance via ssh"
  }
}
}
}
}

```

The stack is in review. After you create the stack, you can view its template here.

Parameters

Key	Value
AdminPassword	****

Key	Value
EmailAddress	anand.ranganathan@glassdoor.com
InstanceType	m4.large
KeyName	dp-dev
ProductTelemetry	I Do Not Opt In to SmartSense Telemetry
RdsDatabase	hdc
RdsPassword	****
RdsUrl	hdc.cluster-czvt6ojpbos.us-west-2.rds.amazonaws.com:3306
RdsUsername	hdcuser
RemoteLocation	172.16.0.0/16
SubnetID	subnet-861d9af1
VPCID	vpc-143bb571
No values found	

Tags

Key	Value
No values found	

Policy

No stack policy set.

Loading...

Change Sets

The stack was updated with change set at .

Name	Created time	Status	Description
There are no executable change sets. Learn more about change sets or create one .			

There are no executable change sets. [Click here](#) to create one.

There are no executable change sets. Your stack must be in an updatable state to use change sets.

[View more change sets](#)

Are you sure you want to delete this stack?

Deleting a stack deletes all stack resources.

Are you sure you want to try deleting this stack again?

If the stack deletion failed because AWS CloudFormation couldn't delete one or more of the following resources, you can choose to retain them. AWS CloudFormation deletes the stack, skipping the retained resources. Choose the resources to retain:

Logical ID Physical ID

No values found

Are you sure you want to cancel the update of this stack?

If you cancel the update, CloudFormation will attempt to rollback your stack's resources to their previous state.

Are you sure you want to continue rolling back of this stack?

Note: You might need to manually fix the error to complete the rollback. [Learn more](#)

Advanced

If you've tried troubleshooting the error and still can't roll back the stack, you can tell CloudFormation to skip the resources that it can't roll back.

To skip resources, type a list of comma-separated logical resource IDs. Include only the resources that are blocking the rollback. [Learn more](#)

Warning

After the rollback completes, skipped resources will be out of sync with the stack template, and you'll need to sync them.

Logical_Id or StackName.Logical_Id

[Cancel](#) [Yes, Continue Rollback](#)

Loading...

[Feedback](#)

[English](#)

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