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{  
  "AWSTemplateFormatVersion" : "2017-09-03",  
  
  "Description" : "make an instance, based on region, ami, subnet, and security group",  
  
  "Parameters" : {  
  
    "KeyName" : {  
      "Description" : "Name of and existing EC2 KeyPair to enable SSH access to the instance",  
      "Type" : "AWS::EC2::KeyPair::KeyName",  
      "Default" : "Suse-Linux-Node1"  
    },  
  
    "VpcId" : {  
      "Type" : "String",  
      "Default" : "vpc-xxxxxxx",  
      "Description" : "VpcId of your existing Virtual Private Cloud (VPC)"  
    },  
  
    "SubnetId" : {  
      "Type" : "String",  
      "Default" : "subnet-xxxxxxx",  
      "Description" : "SubnetId of an existing subnet in your Virtual Private Cloud (VPC)"  
    },  
  
    "AmiId" : {  
      "Type" : "String",  
      "Default" : "ami-xxxxxxx",  
      "Description" : "AMI You want to use"  
    },  
  
    "SecurityGroupId" : {
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    "Type" : "String",
    "Default" : "sg-xxxxxxx",
    "Description" : "SecurityGroup to use"
  },

  "InstanceCount" : {
    "Description" : "Number of EC2 instances to launch",
    "Type" : "Number",
    "Default" : "3"
  },

  "InstanceTypeParameter" : {
    "Description" : "WebServer EC2 instance type",
    "Type" : "String",
    "Default" : "t2.medium"
  }
},

"Resources" : {

  "Ec2Instance1" : {
    "Type" : "AWS::EC2::Instance",
    "Properties" : {
      "InstanceType" : { "Ref" : "InstanceTypeParameter" },
      "ImageId" : { "Ref" : "Amild" },
      "SecurityGroupIds" : [{ "Ref" : "SecurityGroupId" }],
      "SubnetId" : { "Ref" : "SubnetId" },
      "PrivateIpAddress" : "192.168.30.11",
      "KeyName" : { "Ref" : "KeyName" }
    }
  },

  "Ec2Instance2" : {
    "DependsOn": ["Ec2Instance1"],

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        "Type" : "AWS::EC2::Instance",
        "Properties" : {
            "InstanceType" : { "Ref" : "InstanceTypeParameter" },
            "ImageId" : { "Ref" : "Amild" },
            "SecurityGroupIds" : [{ "Ref" : "SecurityGroupId" }],
            "SubnetId" : { "Ref" : "SubnetId" },
            "PrivateIpAddress" : "192.168.30.12",
            "KeyName" : { "Ref" : "KeyName" }
        }
    },

    "Ec2Instance3" : {
        "DependsOn": ["Ec2Instance2"],
        "Type" : "AWS::EC2::Instance",
        "Properties" : {
            "InstanceType" : { "Ref" : "InstanceTypeParameter" },
            "ImageId" : { "Ref" : "Amild" },
            "SecurityGroupIds" : [{ "Ref" : "SecurityGroupId" }],
            "SubnetId" : { "Ref" : "SubnetId" },
            "PrivateIpAddress" : "192.168.30.13",
            "KeyName" : { "Ref" : "KeyName" }
        }
    }
},

"Outputs" : {
    "InstanceId" : {
        "Value" : { "Ref" : "Ec2Instance1" },
        "Description" : "Instance Id of newly created instance"
    },

    "Subnet" : {
        "Value" : { "Ref" : "SubnetId" },

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"Description" : "Subnet of instance"

},

"SecurityGroupId" : {

"Value" : { "Ref" : "SecurityGroupId" },

"Description" : "Security Group of instance"

}

}

}