



Landing Zone Immersion Day

Lab 5 – Deploy Centralized Logging

June 2018

Table of Contents

Overview.....	3
Deploying the Centralized Logging Solution	3
Configuring Service Catalog Product Access	3
Deploying the Centralized Logging Solution	4

Overview

This lab will walk you through the deployment of the optional **Centralized Logging Solution**. This implements an AWS Elasticsearch Cluster into the Shared Services Core Account.

This lab assumes you have completed **Lab 1 – Deploy the Landing Zone**.

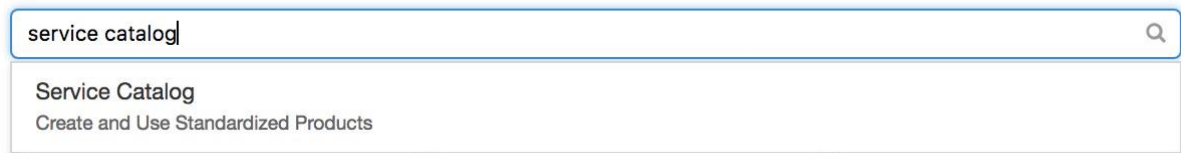
For the purposes of this lab we will assume you are using the same log-in user account you used to deploy the Landing Zone – in reality this would be a user account representing a user with the authority to deploy the Centralized Logging solution; who has been given access to AWS Service Catalog products. The Centralized Logging solution is a self-serve product within AWS Service Catalog.

Deploying the Centralized Logging Solution

Configuring Service Catalog Product Access

1. Log into the console for the account where you deployed the **Landing Zone Implementation & Configuration Pipeline**.
2. Browse to the console home page - In the **AWS Services** text field type **Service Catalog** – and click on **Service Catalog**.

AWS services



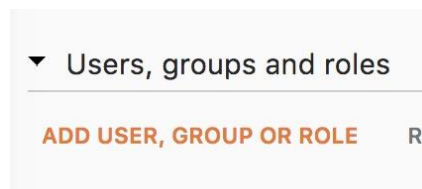
service catalog

Service Catalog
Create and Use Standardized Products

3. Under the **Admin** section on the left-hand side of the screen click on **Portfolios List**

By name		Showing 2 portfolios		
	Name	Created time	Owner	Description
<input type="radio"/>	AWS Landing Zone - Baseline	Jun 5th 2018 07:12:03 UTC+...	AWS Solutions	Baseline Products for AWS Landing Zone
<input type="radio"/>	AWS Landing Zone - Core	Jun 5th 2018 07:11:58 UTC+...	AWS Solutions	Optional Core Products

4. Click on **AWS Landing Zone – Core** and scroll down to **Users, Groups and Roles** and expand it.



▼ Users, groups and roles

ADD USER, GROUP OR ROLE RE

5. Click on **ADD USER, GROUP OR ROLE**

6. Click on **ADD USERS**

7. Identify your username, select the checkbox and click **ADD ACCESS**


8. Once successfully added, scroll down to the bottom of the screen and click **RETURN TO PORTFOLIO LIST**.

Deploying the Centralized Logging Solution

1. Scroll up to the top of the screen and click on **Products List** (under the Service Catalog logo).

At this point you are simulating the experience of the end user who has logged in to the console to deploy the Centralized Logging solution.

You will see two products – **Account Vending Machine** and **Centralized Logging**. We will cover the Account Vending Machine in **Lab 4 – Deploy a Member Account**

Product name	Vendor	Owner	Description
 AWS Centralized Logging Solution		AWS Solutions	Install the centralized log aggregation and monitoring solution

2. Click on **AWS Centralized Logging > Launch Product**
3. Enter a **Name** for the deployment and choose the **Version** of the product and click **Next**
4. Under **Parameters** review the parameters and modify them as necessary. This solution uses the following default values.

Account Selection		
Parameter	Default	Description

Landing Zone Immersion Day
Lab 5 – Deploy Centralized Logging

Account Selection		
Account Name	<i>Shared-Services</i>	Name of the Existing Account to deploy this stack (we recommend the shared services account deployed in Lab 2)
Region	<i><Requires input></i>	Region to deploy the primary template

Centralized Logging Primary Setup		
Parameter	Default	Description
Elasticsearch Domain name	centralized-logging	Name for the Amazon ES domain that this template will create. Domain names must start with a lowercase letter and must be between 3 and 28 characters. Valid characters are a-z (lowercase only), 0-9, and - (hyphen)
Elasticsearch notification address	<i><Requires input></i>	An email address to send Amazon Elasticsearch service CloudWatch alarm notifications. Note you CAN use a + designator here.
Elasticsearch Cluster Size	Small	Amazon ES cluster size; small (2 data nodes), medium (4 data nodes), large (10 data nodes)
Cognito user email address	<i><Requires input></i>	Email address for creating a Cognito user to access Kibana dashboard. Note you CANNOT use a + designator here. You must use a normal email address.

5. Click **Next** and add **Tags** as required
6. Click **Next** but **do not** subscribe a **SNS Notification**
7. **Review** the parameters and click **Launch**
8. You will see an **in-progress** status – we will come back to the build as it will take some time. Please progress to the next Lab.