

Landing Zone Immersion Day

Lab 5 - Deploy Centralized Logging

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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.

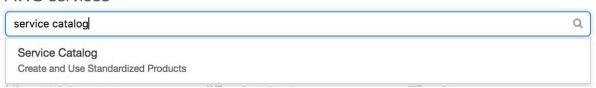
For the purposes of this lab we will assume you are using the same log-in user account you used to deploy the Landing Zone – in reality this would be a user account representing a user with the authority to deploy the Centralized Logging solution; who has been given access to AWS Service Catalog products.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

Deploying the Centralized Logging Solution

Configuring Service Catalog Product Access

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

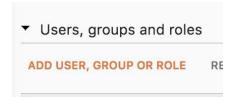
AWS services



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

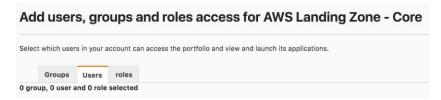


4. Click on **AWS Landing Zone – Core** and scroll down to **Users, Groups and Roles** and expand it.

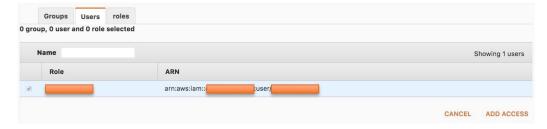


5. Click on ADD USER, GROUP OR ROLE

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

 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**



- 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	

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

Centralized Logging Primary Setup			
Parameter	Default	Description	
Elasticsearch	centralized-logging	Name for the Amazon ES domain	
Domain name		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	<requires input=""></requires>	An email address to send Amazon	
notification address		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	<requires input=""></requires>	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.