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# Healthcare Blueprint

Hello!

In this document, you will learn how to improve your AWS cloud infrastructure by aligning it with the **Healthcare industry Blueprint with StackZone's Cloud Management Platform**. This blueprint was designed based on industry best practices as well as our customers' feedback. **StackZone was built with our customer's feedback in mind. Our mission is to make it easy for businesses to manage their AWS cloud, so they can focus on running their business.**

Implementing the healthcare blueprint enables you to take your AWS workload to the next level, putting special focus on **security, compliance, reliability, and cost optimization**.

**StackZone's Healthcare Setup** includes the necessary components to support and build compliance according to this industry vertical aligned with HIPAA cloud requirements. This ensures that every organization has all the cloud-related tools needed to achieve the certification.

For the core accounts (**Shared Services, Log-Archive, and Management**), we build a default-compliant Amazon virtual private cloud (VPC), an Amazon S3 bucket with a lifecycle policy to store logs for up to 7 years, and we delegate some security service administration to the security account.

We also enable the following services on the **security account**:

**A global centralized Amazon GuardDuty and Macie aggregation** for all your accounts within your StackZone organization. That gives your SecOps team full visibility into your findings. Any new account gets invited to the centralized Amazon GuardDuty Detector and Amazon Macie.

Once StackZone has been deployed, we build a number of **Service Control Policies (SCPs)** for you to apply to the accounts. These Guardrails allow you to deploy your workload in compliance with industry best practices and standards, such as HIPAA.

We deploy a number of **AWS Lambda** functions and **SNS Topics** that will help with the deployment of the features further on.

These functions will help you simply manage and monitor your organization, but what about the accounts and environments where you will be running your workload?

On every account and region, we deploy the following **Baseline Services**:

> **AWS Config and Global and Local Aggregators**

We deploy 115 AWS Config Rules. AWS Config rules ensure you actively monitor your resource configuration, which translates into continuous monitoring of the security and compliance of your resources. In addition to this, more than 51 auto-remediation rules can be easily implemented. The auto-remediation rules ensure deviations are automatically solved.

> **CloudTrail Multi-Region**

Allows you to track every change made to your AWS infrastructure and activity on it.

> **AWS Service Catalog Network and Security Portfolios**

Launch compliant, secure, and optimized workloads simply and quickly by doing it through our service catalog portfolios.

> **7 CloudWatch Alarms per Region**

Remain up-to-date and get notifications on every change or threat to your workload with StackZone CloudWatch alarms.

> **Enable AWS Budgets in all Accounts**

AWS Budgets allow AWS customers to set custom budgets and monitor their costs and usage over a set period of time. Once you have chosen your desired thresholds, StackZone is then able to set up SNS notifications and email Notifications, so that you are informed when actual or forecasted costs and usage exceed your set amount.

So far, we've covered the most important and general services and tools **StackZone** provides our customers when applying the **Healthcare Blueprint**.

As always, this is just the first step because, as part of the **StackZone** community, you will receive continuous updates that will allow you to permanently improve your AWS cloud workload. We do so based on best practices, standard updates, and our customers' feedback. **This means you will be able to request the features you need, and our commitment is to evaluate them and add them to our roadmap.**

Would you like more detail on everything that is deployed via this Blueprint, to see if this is the right blueprint for you to adopt? Access to <https://help.stackzone.com/article/stackzone-aws-healthcare> or simply book a call with us and take your AWS workloads to the next level in just 2 hours of human intervention!