**Blog Post Proposal Form**

Every blog post SIM ticket must have a 1-page creative brief containing the following information. Pretend we’ve never heard of this idea and convince us why your post is an awesome story or use case. Use plain language.

Before submitting your proposal, you **must** review existing blog posts related to this material and confirm your post does not duplicate existing material on the AWS blog or other popular blog sites.

**Who is the author of this blog post? What’s their job title?**

**Sahoo, Kiran – Senior Consultant, Big Data | L6**

**Jaswanth Kumar, Jonnalagadda – Associate Cloud Application Consultant | L4**

**What is the proposed title for this blog post?** (Restrict your title to 75 characters, including punctuation and spaces. Consult the [AWS Blog SEO page](https://w.amazon.com/bin/view/AWS_Blog/SEO/) for additional guidance.)

**End – End Multitenant Application Deployment Guide on EKS**

**What level of blog post are you writing? Choose one.** (See [post types](https://w.amazon.com/bin/view/AWS_Blog/Authors/Post_Types/) and [learning level descriptions](https://alpha-docs-aws.amazon.com/awsstyleguide/latest/styleguide/learning-levels.html).)

* ***Expert (400-level):*** Technical content that dives deep and includes code readers can use.

**What is a single, crisp sentence that clearly explains what readers will learn from this post?**

A Complete guide in deploying applications on multiple namespaces and achieve multitenant isolation with amazon best practices.

**What’s a real-world use case (actual or fictional) that your post addresses or something your post will teach readers?**

This approach can save money to the customer by deploying multiple applications on single EKS cluster.  
**What is your call-to-action?** (See [post templates](https://w.amazon.com/bin/view/AWS_Blog/Authors/Post_Types/) for examples.)

**TECHNICAL**

**Please provide a comprehensive outline to ensure reviewers can see how you plan to execute your idea and can vet the idea properly.**

1. Scripts and instructions for Automating provisioning of EKS Cluster
2. Scripts and instructions for Auto scaling (Cluster and Pod Autoscaler)
3. Scripts and instructions for Deploying ALB
4. Scripts and instructions for Configuring Cluster Storage (EFS)
5. Tenant Authentication/Authorization using IAM roles
6. Tenant Isolation using Namespaces/IAMRoles/Taint&Tolerations/NodeSelectors
7. Deployment Automation of Tenant Code using Code Pipeline/GitHub
8. Implement POD Network Policy using Calico