

TDIU Report Service: Session Management Prompt Template

This document provides a comprehensive template for starting new chat sessions with Claude when working on the TDIU Report Service project. The template is designed to provide all necessary context while minimizing chat space usage.

Complete Session Start Prompt

I'm working on the TDIU Report Service project (Aspen Grove Services), an AWS-based HIPAA-compliant service for generating reports for veterans' attorneys. Here's my current infrastructure as defined in CloudFormation:

[PASTE YOUR CLOUDFORMATION TEMPLATE HERE]

Previous accomplishments:

1. [List 2-3 key things completed in previous sessions]
2. [For example: "Set up S3 buckets with proper encryption and security"]
3. [For example: "Created Lambda functions for document uploads and processing"]

Current focus:

I'd like to [your specific goal for this session, e.g., "set up the client portal for document uploads" or "integrate Claude AI via AWS Bedrock"].

Based on my current infrastructure and the project plans, please guide me through the next steps to accomplish this goal.

Example of Filled-In Prompt

I'm working on the TDIU Report Service project (Aspen Grove Services), an AWS-based HIPAA-compliant service for generating reports for veterans' attorneys. Here's my current infrastructure as defined in CloudFormation:

AWSTemplateFormatVersion: '2010-09-09'

Description: 'TDIU Report Service Infrastructure'

Resources:

DocumentStorageBucket:

Type: AWS::S3::Bucket

Properties:

BucketName: tdiu-document-storage

BucketEncryption:

ServerSideEncryptionConfiguration:

- ServerSideEncryptionByDefault:

SSEAlgorithm: AES256

VersioningConfiguration:

Status: Enabled

PublicAccessBlockConfiguration:

BlockPublicAcls: true

BlockPublicPolicy: true

IgnorePublicAcls: true

RestrictPublicBuckets: true

Additional resources here...

Previous accomplishments:

1. Set up S3 buckets with proper encryption and security
2. Created Lambda functions for document uploads and processing
3. Implemented CloudTrail for HIPAA-compliant logging

Current focus:

I'd like to set up the client portal for document uploads using AWS Amplify.

Based on my current infrastructure and the project plans, please guide me through the next steps to accomplish this goal.

Session End Template

To maintain continuity between sessions, consider ending each session with a summary that you can reference in your next session:

To summarize today's progress:

1. We [accomplishment 1]
2. We [accomplishment 2]
3. We [accomplishment 3]

For our next session, we should focus on:

1. [Next step 1]
2. [Next step 2]
3. [Next step 3]

I'll update the CloudFormation template with these changes for our next session.

Guidelines for Effective Session Management

1. **Keep CloudFormation Up to Date:** Update your CloudFormation template after each session to reflect new resources
2. **Be Specific About Goals:** Clearly state what you want to accomplish in each session
3. **Limit Previous Accomplishments:** List only the most relevant 2-3 accomplishments from previous sessions
4. **Include Business Context:** Mention if your current focus relates to a specific service from the business plan
5. **Ask for Step-by-Step Guidance:** Request clear, actionable steps that match your technical knowledge level

Additional Context (Optional)

If your goal requires specific additional context, you can include it after your main prompt:

Additional context:

- I'm implementing the Document Analysis Service as described in the multi-service strategy
- The service will analyze medical records using Claude AI via AWS Bedrock
- I need to create [specific resource] to support this functionality

Variation for Technical Challenges

If you're facing a specific technical issue, modify the template:

I'm working on the TDIU Report Service project. Here's my current CloudFormation infrastructure:

[PASTE YOUR CLOUDFORMATION TEMPLATE HERE]

I'm encountering an issue with [describe the technical problem]. The specific error message is:

[ERROR MESSAGE]

I've already tried:

1. [Attempted solution 1]
2. [Attempted solution 2]

Please help me troubleshoot this issue and provide a solution that aligns with our overall architecture.

This template provides a comprehensive framework for managing your sessions with Claude while working on the TDIU Report Service, ensuring continuity and efficient communication.