**STANDARD OPERATING PROCEDURE (SOP)**

Document Title: [Setup of Bootstrap config using 3 different Pipelines]

Prepared For: Assessment Submission

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Assessment Conducted By: Swiss Re Team

Version: 1.0

Date of Submission: 23-10-2025

Confidentiality Level: Restricted

**Document Details**

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| Effective Date | 23-10-2025 |
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**Document Purpose**

This Standard Operating Procedure (SOP) defines the structured process and guidelines followed during the deployment of bootstrap file as a part of Terraform assessment. It ensures consistency, traceability, and compliance with organizational and industry best practices in all phases of execution — from planning to delivery.

**Scope**

This SOP covers all key stages, tools, configurations, and validation steps performed as part of the [Terraform / Cloud Infra / Security / DevOps] assessment to meet the defined assessment criteria and objectives.

**Confidentiality Statement**

Document Reference ID: SOP-SWISSRE-ASSESSMENT

1. Push your source code from Vscode into Azure Devops Repo using below Git commands.

* Git pull "Repo URL" main
* Git Add .\
* Git remote set-url "Repo URL"
* Git commit -m WebApp Build Commit
* Enter :wq
* Git branch -a #Ensure All branches in both remote & local are displayed
* Git push origin localbranch:remotebranch

1. Now your latest Terraform config files will be displayed on the main branch of Azure Devops Repo, Prior to commit ensure your Azure Service Principal to stored inside variable groups to not expose your client\_secret explicitly in the code.

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1. Commit any changes on bootstrap/tfstate/\* to Trigger the **SRE-Bootstrap-Plan** pipeline.

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1. Pipeline has been Triggered

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1. Post execution plan pipeline has created two artifacts.

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1. **SRE-Bootstrap-Apply** Pipeline should be now run manually where it downloads the artifacts from **SRE-Bootstrap-Plan** pipeline to perform terraform apply

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1. Post **SRE-Bootstrap-Apply**, The resources are created below. Now we can use it for all the tasks in main file

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Post completion of our work, Use **SRE-Bootstrap-Destroy Pipeline** to destroy all our resources stored in our state file.

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