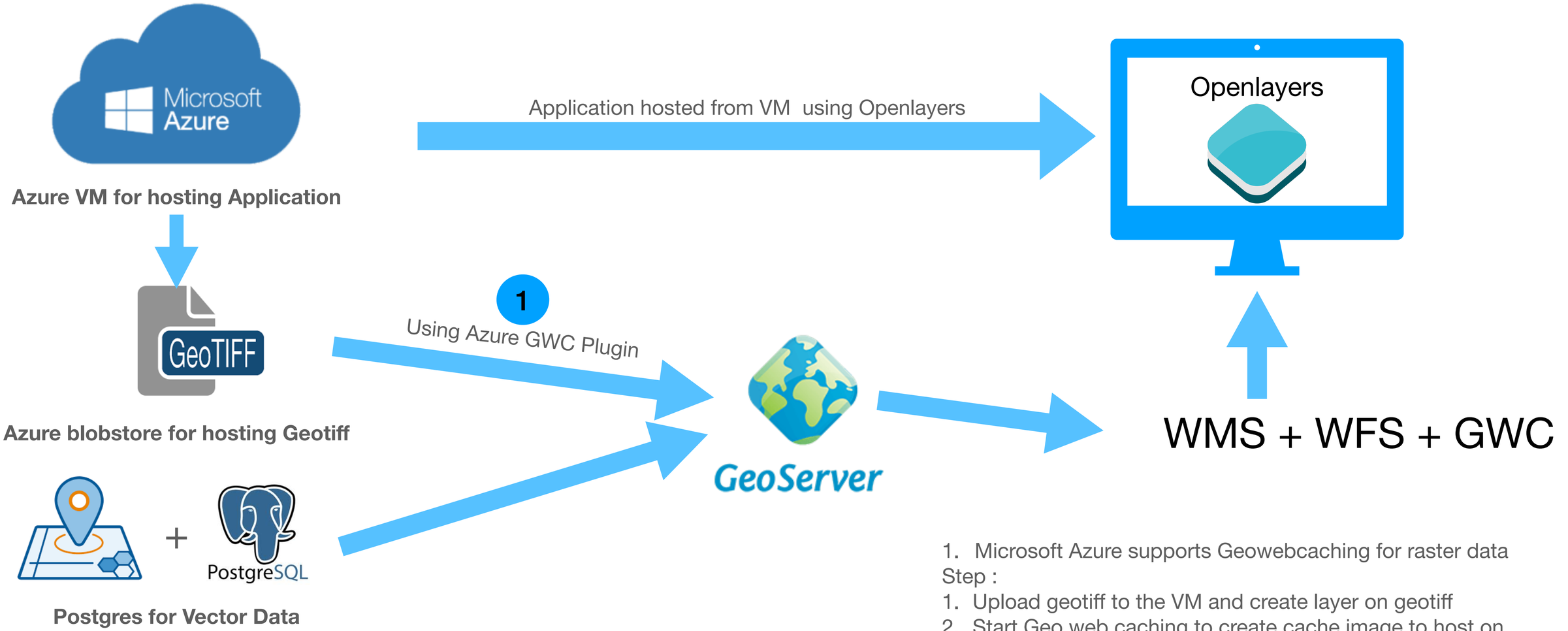
Open source Web GIS application

Setting up Architecture

Krishna Lodha

Architecture using Azure



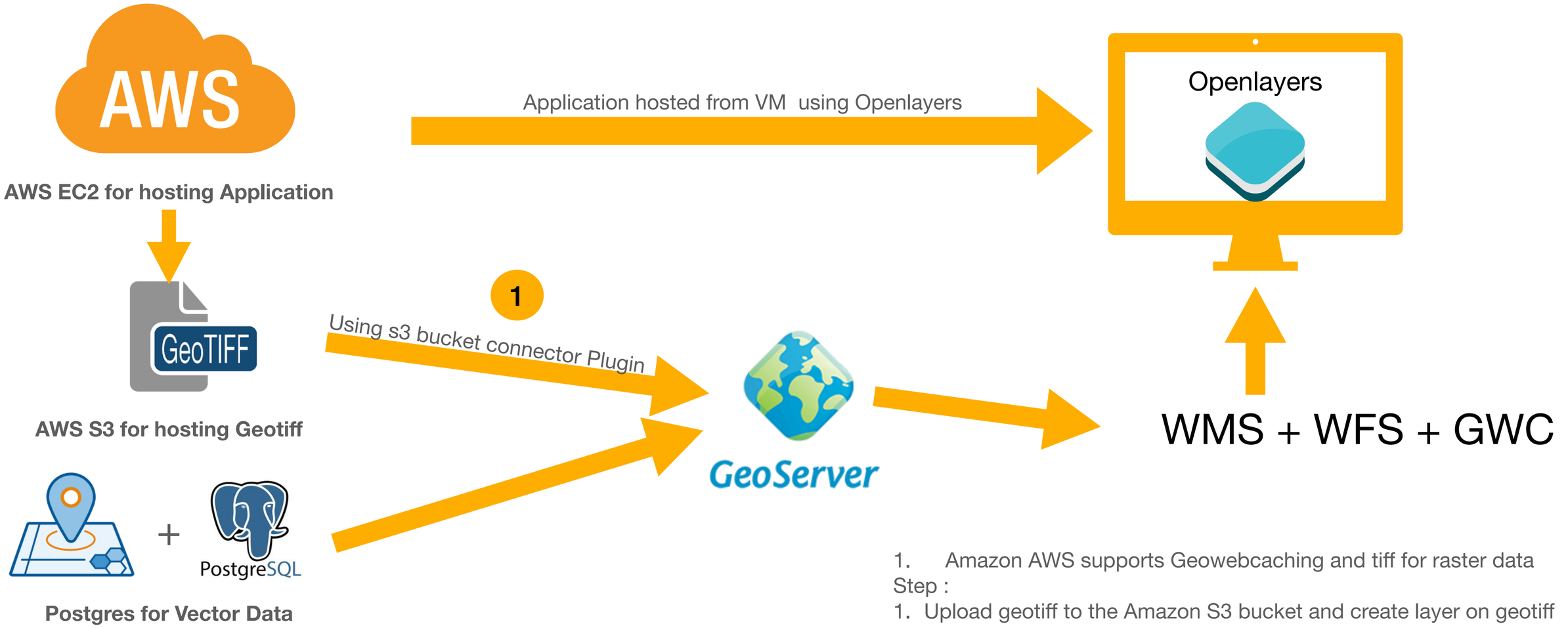
1. Microsoft Azure supports Geowebcaching for raster data

Step :

1. Upload geotiff to the VM and create layer on geotiff
2. Start Geo web caching to create cache image to host on Azure blob storage
3. Use geo web caching for displaying raster layer

- Krishna Iodha

Architecture using AWS



1. Amazon AWS supports Geowebcaching and tiff for raster data

Step :

1. Upload geotiff to the Amazon S3 bucket and create layer on geotiff
2. Geo web caching is option in this approach

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WEB GIS Architecture

Mapping Library - Openlayers

Front end stack

Database for admin related data

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