here is a step-by-step guide to configure Nginx with nginx-gridfs on Debian 11:

1. Install necessary dependencies:

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sudo apt-get update sudo apt-get install -y build-essential libssl-dev libpcre3-dev zlib1g-dev libcurl4-openssl-dev

1. Install MongoDB:

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sudo apt-get install -y mongodb

1. Clone the nginx-gridfs repository:

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git clone https://github.com/mdirolf/nginx-gridfs.git

1. Download the latest version of Nginx and extract the archive:

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wget https://nginx.org/download/nginx-1.20.0.tar.gz tar -xzvf nginx-1.20.0.tar.gz cd nginx-1.20.0

1. Configure Nginx with nginx-gridfs module:

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./configure --add-module=/path/to/nginx-gridfs --with-http\_ssl\_module --with-http\_realip\_module

1. Build and install Nginx:

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make sudo make install

1. Create a MongoDB database for Nginx logs:

perlCopy code

mongo use nginx\_logs db.createCollection("logs")

1. Configure Nginx to write access and error logs to MongoDB:

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sudo nano /usr/local/nginx/conf/nginx.conf

Add the following to the **http** block:

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http { ... access\_log mongodb://localhost:27017/nginx\_logs?collection=logs combined; error\_log mongodb://localhost:27017/nginx\_logs?collection=logs error; ... }

1. Restart Nginx:

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sudo /usr/local/nginx/sbin/nginx -s reload

That's it! Nginx should now be configured to write access and error logs to MongoDB. You can verify this by checking the **logs** collection in the **nginx\_logs** database in MongoDB.