**1. Choosing Elasticsearch**

* **Requirement Analysis:** Decide that you'll use Elasticsearch for centralized log storage and search functionality.
* **Setup Environment:** Start with setting it up in a Windows environment for initial testing, then plan to deploy it in Linux after successful testing.

**2. Installing Elasticsearch on Windows**

* **Download Elasticsearch:** Get Elasticsearch from the official Elastic website.
* **Install Elasticsearch:** Follow the installation steps, and configure necessary files.
* **Start Elasticsearch Service:** Start the Elasticsearch service and ensure it’s running properly.
* **Initial Configuration:** Adjust basic settings like memory and network configurations as needed.

**3. Installing Kibana on Windows**

* **Download Kibana:** Download Kibana from Elastic's website.
* **Install Kibana:** Install Kibana and configure the settings.
* **Connect Kibana with Elasticsearch:** Set up Kibana to connect with Elasticsearch by configuring the kibana.yml file.
* **Start Kibana Service:** Start the Kibana service and ensure it’s running correctly.

**4. Writing the Python Script**

* **Define Firewall Details:** Set up the details of your firewalls (hostname, username, password, etc.) in the Python script.
* **Create Log Collection Function:** Write a function to collect logs from the firewalls using SSH.
* **Elasticsearch Connection:** Set up a connection to Elasticsearch in the Python script.
* **Log Storage Function:** Write a function to store the collected logs in Elasticsearch.
* **Automate Script:** Set up the script to run every 5 minutes using cron jobs or Task Scheduler.

**5. Uploading Logs to Elasticsearch**

* **Run the Python Script:** Execute the Python script and ensure that logs are being stored in Elasticsearch.
* **Check Data in Elasticsearch:** Use Kibana’s Discover section to view the logs and verify that the data is correctly stored.

**6. Setting Up Visualization in Kibana**

* **Create Index Pattern:** Create an index pattern in Kibana for your logs stored in Elasticsearch.
* **Create Visualizations:** Build visualizations like bar charts, pie charts, etc., based on the log data.
* **Setup Dashboard:** Compile the visualizations into a dashboard for a comprehensive view.

**7. Testing the Setup in Windows**

* **Testing:** Test the entire setup in the Windows environment to ensure everything is working as expected.

**8. Migrating to Linux**

* **Install Elasticsearch & Kibana on Linux:** Repeat the installation steps in the Linux environment.
* **Deploy Python Script on Linux:** Deploy the Python script on Linux and schedule it using cron jobs.
* **Test and Validate:** Test and validate the entire setup in the Linux environment.

**9. Monitoring and Maintenance**

* **Monitor Logs:** Regularly monitor the logs to ensure everything is functioning correctly.
* **Update and Optimize:** Continuously optimize the setup and apply updates as necessary.