**Troubleshooting Documentation for Automation Setup**

**Introduction**

This troubleshooting guide aims to assist users encountering issues during the setup of automation tools. It covers common problems related to tool installation and repository cloning. Follow the steps outlined below to resolve these issues.

**1. Installation Issues**

Problem: Selenium or Appium not installed properly.

**Solution:**

* **Verify Installation Steps:**
  + Review the installation steps provided in the official documentation of Selenium and Appium.
  + Ensure that you have followed all the required steps accurately.
* **Check System Requirements:**
  + Ensure that your system meets the minimum requirements specified for Selenium and Appium.
  + Check for compatibility issues with your operating system.
* **Reinstall Dependencies:**
  + Uninstall Selenium and Appium along with their dependencies.
  + Reinstall them using package managers or directly from source.
* **Permissions:**
  + Ensure that you have necessary permissions to install software on your system.
  + Use administrator privileges if required.
* **Firewall/Antivirus:**
  + Disable firewall or antivirus temporarily during the installation process.
  + Some security software may block installation procedures.
* **Network Issues:**
  + Check your internet connection for any interruptions.
  + Use a reliable network connection for downloading and installing dependencies.

**2. Repository Cloning Issues**

Problem: Unable to clone the repository containing automation scripts.

**Solution:**

* **Verify Repository URL:**
  + Ensure that the repository URL is correct.
  + Check for any typos or errors in the URL.
* **SSH/HTTPS Issues:**
  + If using SSH, ensure that your SSH keys are configured properly.
  + If using HTTPS, verify that you have permissions to access the repository.
* **Authentication:**
  + Make sure you are authenticated to access the repository.
  + Provide necessary credentials if prompted.
* **Firewall/Antivirus:**
  + Similar to installation, disable firewall or antivirus temporarily as they might block cloning operations.
* **Proxy Settings:**
  + If you are behind a proxy, configure proxy settings in your git configuration.
  + Ensure that proxy settings are correctly configured for both HTTP and HTTPS connections.
* **Network Issues:**
  + Check your internet connection for stability.
  + Sometimes network interruptions can lead to failed cloning attempts.

**Conclusion**

By following the steps outlined in this troubleshooting guide, you should be able to resolve common issues encountered during the setup of Selenium and Appium automation tools, as well as repository cloning problems. If you continue to experience difficulties, refer to official documentation, forums, or seek assistance from experienced colleagues or communities specializing in automation testing.