

# Preparation and Environment Notes

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- [Return to Index](#)
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## Abstract

This article is intended to document the preparation steps necessary and the environment setup required for testing purposes in the packaging of Firefox: ESR.

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## Content

### The Challenge

#### Assignment:

Create a PowerShell Script for installing Firefox ESR along with some documentation of your process of going about the task/thought process.

#### Requirements:

Silent Install

Silent Uninstall

Homepage for all users set to <https://www.ung.edu/>

#### Testing environment:

Hyper-V nodes:

- CLIENT0: {2-core, 4GB RAM, 32GB VHD} running Windows 10 build 21H2
- CLIENT1: {2-core, 4GB RAM, 32GB VHD} running Windows 10 build 21H2

#### Preparation steps:

- Setup workspace folder and add Obsidian vault and VSCode project folder templates.
- Add initial challenge scope for reference.

- Pull required online resources: PSADT, and Firefox ESR MSI.
- Assemble the directory structure and resource files into the deployment package.
- Create a git repository around the package, and push to GitHub.
- Clone repository into Hyper-V dev workspace.

## Considerations:

- Version checking
  - Registry key, Group Policy Object, or autoconfig file for default homepage requirements
  - MSI flags for Firefox installer
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## Resources

- [PSAppDeployToolkit](#)
- [Firefox](#)
- [VS Code](#)