EVT Technology Challenge 2026

Due Date: April 10th, 2026 by end of day at midnight. If an extension is needed, reach out to recruiting@evtcorp.com.

Goal:

Run a webserver to display a webpage. A single command/script should initiate the building/running of the webserver. The webpage should be hosted on a secure port (self-signed is OK). The webpage must be local to the webserver, not pulled from the web. You may use the provided HTML file below if you wish.

https://bitbucket.org/evtco/evt-tech-challenge/raw/master/evt-web.html

Note: the operating system build does not need to be included in the automation, but it could be automated using such tools as Docker, Kubernetes, Vagrant, VirtualBox, or Cloud services.

Further requirements:

a. Usage of AI is permitted for research purposes, however, please note that the ability to understand and explain your solution is a significant part of our grading process.
b. Usage of a webserver is required.
c. Use at least one of the following: a configuration-management tool, a programming language, or a Dockerfile.
d. The solution must be stored in a source code management system such as GitHub.
e. Include a README/documentation in the repository that describes the following at a minimum:
    1. How to run your solution?
    2. Why were the components of the solution chosen over the alternatives?
f. (Optional): If you choose, add your own personal flair to the challenge in addition to the requirements above.

How to turn in:

Send us an email with a link to your solution and documentation.

THE ONLY WRONG ANSWER IS NO ANSWER!

Appendix:

Tools:

Webservers:

- Nginx
- Httpd/Apache

- Tomcat
- IIS

Config Management:

- Ansible
- Puppet
- Chef
- Salt
- Code (e.g. Java, Python, C#, C, C++, Ruby, Go, PowerShell, Bash/shell scripting)

Optional (but not limited to):

- Vagrant
- Terraform
- Docker
- Kubernetes
- Cloud native services (AWS, Azure, GCP, etc)
- Jenkins/TravisCI/Harness.io/GitHub Actions
- Secrets Management Tools:
    - Hashicorp Vault
    - Kubernetes Secrets
    - AWS/GCP/Azure Secrets Manager

Help:

https://developer.hashicorp.com/vagrant

https://www.virtualbox.org/

https://www.puppet.com/blog/get-started-puppet-tutorial

https://docs.ansible.com/ansible/latest/getting_started/index.html

https://docker-curriculum.com/

https://httpd.apache.org/

https://nginx.org/

https://www.openssl.org/

https://letsencrypt.org/

https://developer.hashicorp.com/terraform

Please feel free to reach out to us with any questions:

recruiting@evtcorp.com