

## Intel ECI Install Sequence.

Ubuntu OS Version	Ubuntu 22.04
Kernel Version	5.15.0.60-generic

\*This is the actual order I installed and set up.

1) Ubuntu 22.04 install.

2) Docker Install.

2.1) modprobe kvm

2.2) ls -al /dev/kvm

2.3) sudo usermod -aG kvm \$USER

2.4) sudo apt install gnome-terminal

2.5) sudo apt-get update

2.6) sudo apt-get install ca-certificates curl gnupg lsb-release

2.7) sudo mkdir -m 0755 -p /etc/apt/keyrings

2.8) curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg

2.9) echo  $\#$

```
"deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg]
https://download.docker.com/linux/ubuntu  $\#$ 
```

```
$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
```

2.10) sudo apt-get update

2.11) sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

2.12) sudo docker run hello-world

2.13) Download latest DEB package.

=> and After entering the place where the DEB Package is located, enter the following command to complete the installation.

2.14) sudo apt-get update

```
sudo apt-get install ./docker-desktop-4.16.2-amd64.deb
```

2.15) systemctl --user start docker-desktop

2.16) systemctl --user enable docker-desktop

2.17) systemctl --user stop docker-desktop

2.18) Docker group Mapping

```
- $ sudo groupadd docker
```

```
$ sudo usermod -aG docker emts
```

2.19) HTTP/HTTPS proxy Setup

```
- sudo mkdir -p /etc/systemd/system/docker.service.d
```

```
- [Service]
```

```
Environment="HTTP_PROXY=http://proxy.example.com:80"
```

```
Environment="HTTPS_PROXY=https://proxy.example.com:443"
```

```
Environment="NO_PROXY=localhost,127.0.0.1,docker-registry.example.com,.corp"
```

2.20) sudo systemctl daemon-reload

```
sudo systemctl restart docker
```

3) Download and Extract ECI Release Archive

3.1) unzip edge\_controls\_industrial.zip

3.2) \$ cd edge\_controls\_industrial/

```
$ chmod 775 edgesoftware
```

```
$ ./edgesoftware install
```

3.3) In -rs ./Edge\_Controls\_for\_Industrial\_\*/Edge\_Controls\_for\_Industrial/release-eci\_\*/ ./ECI

#### 4) ECI Source Install

4.1) Copy eci-release.tar.gz to ~/work/ folder.

4.2) sudo tar -zxvf eci-release.tar.gz

4.2) ./setup.sh

=> No Error. Setup is okay

4.2) Once Again ./setup.sh

=> The same error as previously uploaded occurred.

```
Build directory eci-core-jammy already exists
Do you want to clean the cached build? [y/N]
y
*****
Do you want to run an automated build? [Y/n]
y
Reinitialized existing Git repository in /home/ems/Desktop/eci-release/.git/
2023-02-14 10:13:01 - INFO - kas 3.0.2 started
2023-02-14 10:13:01 - INFO - /repo$ git rev-parse --show-toplevel
2023-02-14 10:13:01 - INFO - /repo$ hg root
2023-02-14 10:13:01 - INFO - /repo$ git rev-parse --show-toplevel
2023-02-14 10:13:01 - INFO - /repo$ hg root
2023-02-14 10:13:02 - ERROR - [Errno 2] No such file or directory: '/repo/targets/kas/base-jammy.yml'
Traceback (most recent call last):
  File "/usr/local/lib/python3.10/dist-packages/kas/kas.py", line 165, in main
    sys.exit(kas(sys.argv[1:]))
  File "/usr/local/lib/python3.10/dist-packages/kas/kas.py", line 154, in kas
    plugin.run(args)
  File "/usr/local/lib/python3.10/dist-packages/kas/plugins/checkout.py", line 61, in run
    macro.run(ctx, args.skip)
  File "/usr/local/lib/python3.10/dist-packages/kas/libcmds.py", line 99, in run
    command.execute(ctx)
  File "/usr/local/lib/python3.10/dist-packages/kas/libcmds.py", line 331, in execute
    ctx.missing_repo_names = ctx.config.find_missing_repos()
  File "/usr/local/lib/python3.10/dist-packages/kas/config.py", line 77, in find_missing_repos
    self.handler.get_config(repos=repo_paths)
  File "/usr/local/lib/python3.10/dist-packages/kas/includehandler.py", line 266, in get_config
    cfgs, reps = _internal_include_handler(configfile,
  File "/usr/local/lib/python3.10/dist-packages/kas/includehandler.py", line 198, in _internal_include_handler
    (cfg, rep) = _internal_include_handler(includefile,
  File "/usr/local/lib/python3.10/dist-packages/kas/includehandler.py", line 172, in _internal_include_handler
    current_config = load_config(filename)
  File "/usr/local/lib/python3.10/dist-packages/kas/includehandler.py", line 63, in load_config
    with open(filename, 'rb') as fds:
FileNotFoundError: [Errno 2] No such file or directory: '/repo/targets/kas/base-jammy.yml'
```