

```
"(eval):2: command not found: compdef"
```

I asked Chatpgt about my `.zshrc` errors; here is what it said

Got it. I pulled your `.zshrc` and traced where `compdef` fires.

## What's happening

- You **load plugins before the completion system** starts.  
`zinit light Aloxaf/fzf-tab` is above `compinit`. `fzf-tab` expects `zsh` completion to be live.
- You **eval completions that emit `compdef`**  
`eval "$(op completion zsh)"` and `eval "$(zoxide init --cmd cd zsh)"` both output a `compdef ...` line. If `compinit` didn't finish, those evals throw `(eval):2: command not found: compdef`.
- Likely extra issue  
If `compinit` hit "insecure directories" it silently bailed. In that case `compdef` never exists even though it looks like it should.

## What to change in your file

Move `fzf-tab` **below** `compinit`. Guard any eval that can emit `compdef`. Optionally auto-fix `compaudit` warnings once.

### Current order near the top

```
zinit light zsh-users/zsh-syntax-highlighting
zinit light zsh-users/zsh-autosuggestions
zinit light zsh-users/zsh-completions
zinit light Aloxaf/fzf-tab    # <-- loaded too early
```

```
autoload -Uz compinit
ZSH_COMPDUMP="..."
mkdir -p "${ZSH_COMPDUMP:h}"
compinit -C -d "$ZSH_COMPDUMP"
```

### # 1Password completion

```
if command -v op >/dev/null 2>&1; then
  eval "$(op completion zsh)" # <-- this eval includes a compdef inside
  if type compdef >/dev/null 2>&1; then
    compdef _op op
  fi
fi
```

## Fix it like this

```
# --- Completion system early and reliable
autoload -Uz compinit
ZSH_COMPDUMP="${XDG_CACHE_HOME:-$HOME/.cache}/zsh/compdump"
mkdir -p "${ZSH_COMPDUMP:h}"

# If there are insecure dirs, fix them once to avoid compinit bailing
if command -v compaudit >/dev/null 2>&1; then
  compaudit | xargs -r chmod g-w,o-w 2>/dev/null
fi

compinit -C -d "$ZSH_COMPDUMP"

# Load completion-dependent plugins AFTER compinit
zinit light zsh-users/zsh-completions
zinit light Aloxaf/fzf-tab

# Program completions that output compdef go AFTER compinit, and only if compdef exists
if command -v op >/dev/null 2>&1 && typeset -f compdef >/dev/null 2>&1; then
  eval "$(op completion zsh)"
fi

if command -v zoxide >/dev/null 2>&1 && typeset -f compdef >/dev/null 2>&1; then
  eval "$(zoxide init --cmd cd zsh)"
fi
```

## Notes

- Keep `zsh-syntax-highlighting` and `zsh-autosuggestions` anywhere. They don't need `compinit`.
- `zsh-completions` can be before or after `compinit`. Putting it after is fine since you already ran `compinit`; `fzf-tab` must be after.

## Quick checks

Run these in a fresh shell.

```
typeset -f compdef >/dev/null && echo "compdef is ready" || echo "missing"
echo "shell:" $0
```

If you still get the error, you almost certainly have a stray `compdef` in `.zprofile` or `.zshenv`.

Find and kill strays

```
grep -R "compdef" -n ~/.zsh* ~/.config 2>/dev/null  
grep -R 'op completion zsh\|zoxide init zsh' -n ~/.zsh* ~/.config 2>/dev/null
```

If you see those lines in `.zprofile` or `.zshenv`, move them into `.zshrc` below `compinit` or wrap them with the `typeset -f compdef` guard like above.

## Final sanity

Reload the shell

```
exec zsh
```

Hit Tab on `git` and `kubectl` to confirm completions. Error should be gone.