

# Nginx Configuration

# Nginx Configuration

| Field              | Value                                                            |
|--------------------|------------------------------------------------------------------|
| Distribution       | BSS — OpenC5ISR                                                  |
| Product            | OpenC5ISR                                                        |
| Release            | 0.15.1                                                           |
| Deployment         | openc5isr.bss.dev                                                |
| Source             | /srv/bss/releases/OpenC5ISR-v0.15.0-20app                        |
| Evidence           | Release and readable host Nginx configuration                    |
| Source fingerprint | 93926e8c834f1ed79c9017a4096f70c76d73ce4f870f104fbd0cf54b2bed50ee |
| Status             | Generated baseline — human review required                       |

“ **Verification boundary:** This page combines platform design guidance with static evidence from the release. It does not prove that every detected interface is enabled, reachable, secure, or operational in the deployed environment.

## Observed proxy configuration

| Evidence                                     | server_name                            | listen                                   | location             | proxy_pass                                                         |
|----------------------------------------------|----------------------------------------|------------------------------------------|----------------------|--------------------------------------------------------------------|
| /etc/nginx/sites-available/openc5isr.bss.dev | openc5isr.bss.dev<br>openc5isr.bss.dev | 443 ssl<br>[::]:443 ssl<br>80<br>[::]:80 | /ws/raspbot<br>/<br> | http://127.0.0.1:8096<br>/ws/raspbot<br>http://127.0.0.1:3202<br>/ |

## Proxy requirements

- Terminate TLS with a valid certificate and redirect clear-text HTTP to HTTPS.
- Preserve Host, X-Real-IP, X-Forwarded-For and X-Forwarded-Proto headers.
- Configure WebSocket upgrade headers on real-time routes.
- Set upload/body/time limits deliberately for imagery, video, files and long-running analytics.
- Keep each distribution hostname mapped to its intended service/port; test routing after every release.
- Run `nginx -t` before reload and retain the last-known-good configuration.

## Verification commands

```
sudo nginx -t  
sudo systemctl reload nginx  
curl -I https://openc5isr.bss.dev/
```

## Maintainer Notes

Add human-reviewed deployment notes, corrections, decisions, screenshots, and links here. Content outside the generated block is preserved on future runs.

Revision #2

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