

Runbook: CloudFront Cache Invalidation (Static UI Releases)

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Purpose

Ensure users see the latest UI assets after deployment when CloudFront caches older JS/CSS bundles.

When to Invalidate

- You deployed new UI build but users still see old behavior.
- Agent dropdown or spinner changes not visible.
- index.html is cached (most common).

Best Practice: Cache-Control

- Versioned assets (app.abc123.js) can be cached long.
- index.html should have short TTL or no-cache so it updates quickly.

Invalidation Commands

```
aws cloudfront create-invalidation \  
--distribution-id \  
--paths "/index.html" "/assets/*"
```

Troubleshooting

- Confirm correct distribution ID and paths.
- Check Response Headers: x-cache: Hit from cloudfront indicates caching.
- If using S3 static hosting behind CloudFront, verify origin path and behaviors.