

Wix and AWS EC2 Integration for Agrinet - Pre EC2 Federation Sync Setup

Status Report Jun 15, 2202

✅ Wix ↔ AWS EC2 Integration for Agrinet [↗](#)

Frontend:

 [the Agrinet Project | NTARI.org](#)

 [fruitfulPlatform | NTARI.org](#)

Backend:

- `api.ntari.org` (EC2: Backend Node)
 - `registry.ntari.org` (EC2: Registry Node)
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✅ COMPLETED MODULES [↗](#)

🔒 1. Authentication System (Wix Velo) [↗](#)

- `auth.js` exports: `registerUser`, `loginUser`, `logoutUser`
 - Frontend UI triggers: `#loginButton`, `#registerButton`, `#logoutButton`
 - ✅ Working as intended and deployed without build errors
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👤 2. Submit User to EC2 [↗](#)

- Endpoint: `https://api.ntari.org/users`
 - Fields: `#nameInput`, `#locationInput`
 - Submission via `#submitUserBtn`
 - ✅ Confirmed functional and accepted by EC2 backend
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👥 3. User Repeater from Registry [↗](#)

- Endpoint: `https://registry.ntari.org/users?role=producer`
 - Displayed via: `#userRepeater`, `#emailText`, `#locationText`, `#roleText`, `#statusText`
 - ✅ Repeater successfully renders filtered data
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🛒 4. Submit Product via Wix Backend [↗](#)

- Backend file: `products.js`
 - Method: `createProduct(request)`
 - Triggered by: `#submitProductBtn`
 - ✅ Validations included, no build errors
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5. API Status Check [🔗](#)

- Ping endpoint: `https://api.ntari.org/users`
- Result shown in: `#messageBox`
-  Works and includes error feedback

FILE & STRUCTURE VERIFICATION [🔗](#)

File	Status	Notes
<code>auth.js</code>	 Complete	Login/Register/Logout wrapped
<code>products.js</code>	 Complete	Stores product in-memory
<code>theAgrinet.js</code>	 Deployed	No errors, logic consolidated
<code>build.log</code>	 Clean	No syntax or runtime issues

6. Add input validation (optional) [🔗](#)

- Require `username`, `location`, `title`, `price`
- Alert user if empty






7. Store products in MongoDB or Registry Node (optional) [🔗](#)

- Current implementation stores in-memory only
- Can upgrade to store in EC2 or MongoDB Atlas

8. Optional Enhancements [🔗](#)

- Add dropdown filter for role/location
- Display products submitted by user
- Add repeater pagination
- Create an Admin Dashboard view

RECOMMENDATIONS [🔗](#)

Task	Recommendation
 EC2 Federation Sync Setup	Schedule for Phase 2
 Secure Admin Tools (Wix)	Use <code>wix-users</code> + <code>roles</code>
 Generate API Docs	Optional: Swagger/OpenAPI
 Shareable <code>.env.template</code>	Useful for onboarding federation nodes
 Export logs or metrics	Add endpoint or Mongo hooks