

CF AppStage

DATASHEET



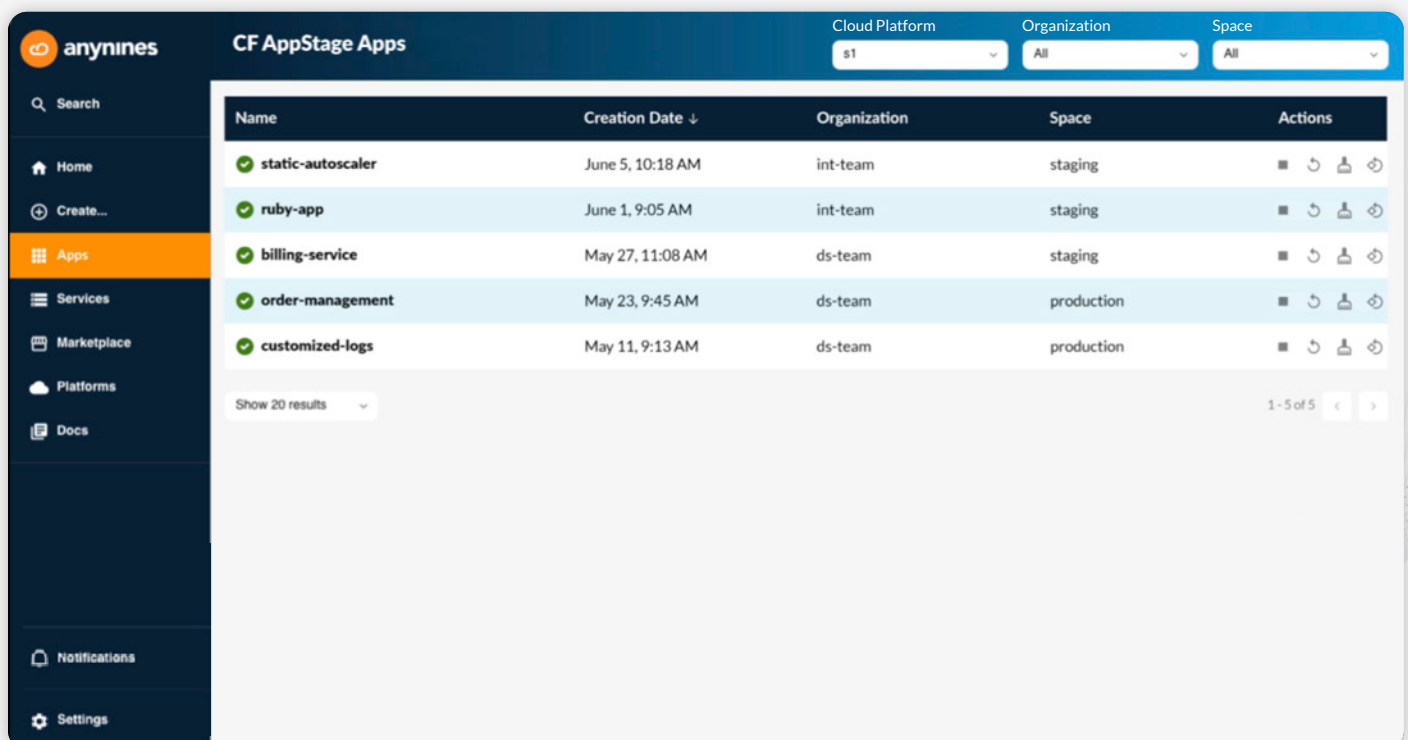
CF AppStage—an all-in-one portal for managing Cloud Foundry applications, services, and platform resources, built on Backstage and Cloud Foundry API v3, with white-label support.

Product Overview

CF AppStage is a commercial, closed-source management portal designed to replace legacy Cloud Foundry consoles such as Stratos and Broadcom's Apps Manager. Built on the open-source Backstage

framework and compatible with Cloud Foundry Cloud Controller API v3, it offers a fast, modular, and fully brandable interface for daily Cloud Foundry operations, regardless of distribution or vendor.

CF AppStage uses independent plugins, routes all destructive actions through auditable guided workflows, and supports white-labeling for any organization without source code changes. It is available as a standalone product or as the unified frontend for the a9s Hub suite, integrating a9s PaaS, a9s Data Services, and Cloud Foundry management in one portal.



Name	Creation Date ↓	Organization	Space	Actions
static-autoscaler	June 5, 10:18 AM	int-team	staging	[Icons]
ruby-app	June 1, 9:05 AM	int-team	staging	[Icons]
billing-service	May 27, 11:08 AM	ds-team	staging	[Icons]
order-management	May 23, 9:45 AM	ds-team	production	[Icons]
customized-logs	May 11, 9:13 AM	ds-team	production	[Icons]

Show 20 results 1 - 5 of 5

Comprehensive Cloud Foundry management in four modules:



Application lifecycle management

Manage all Cloud Foundry applications from a single view, featuring color-coded status indicators and per-instance resource metrics.

- Start, stop, restart, restage, clear cache, and rename
- Live streaming logs with ANSI color and scroll-lock
- Access live application instances using secure in-browser SSH over WebSocket, with no credentials stored
- Edit environment variables with redaction toggles and overwrite warnings
- Per-application audit events
- Observability metrics



Service marketplace & instances

Discover, provision, and bind data services within the portal. No CLI required.

- Browse a full services catalog with logos, plans, pricing, and documentation directly in the portal
- Create instances with a single click using a guided workflow
- Provisioning forms are generated from Open Service Broker API schemas, with built-in validation to ensure defaults, constraints, and required fields align with the backend service
- Manage service bindings, view applications as clickable chips that show their current status
- View upgrade alerts and access direct dashboard links instantly
- Filter and review per-instance audit events by event type for precise tracking



Multi-platform administration

Manage one or multiple Cloud Foundry foundations from a single authenticated console.

- Manage organizations and spaces, including creation, renaming, and deletion
- Administer quotas, security groups, routes, feature flags, buildpacks, stacks, and isolation segments from one console
- View user roles and organization or space assignments
- Access cost forecasting and environmental health at the platform level, with spending and idle resources easily identified for cleanup
- Review platform-wide or scoped audit events with persistent filters
- Sign in to all platforms using OAuth or UAA with a single session



Governance and Identity

Centralized access control, audit visibility, and branding, managed across all connected platforms from one portal.

- Sign in to all CF platforms using OIDC or UAA with a single authenticated session
- View user roles and assignments at organization and space level across every connected foundation
- Access a unified audit rollup covering app, service instance, and platform events, each with context-specific filtering
- No shared credentials or stored secrets, every action runs as the logged-in user
- Apply light, dark, or fully custom branding per deployment without code changes

Six unique features not offered by other Cloud Foundry consoles

1. Modular plugin architecture

Each core function application, marketplace, service, and platform is powered by separate Backstage plugins and specialized anynines modules. You can deploy, customize, or upgrade only the components you need, without complex dependencies. This approach ensures true modularity and flexibility.

2. Guided workflow engine

CF AppStage uses auditable Scaffolder workflows for complex or destructive operations, offering dry-run previews and in-portal activity logs. This ensures transparent, controlled actions that are fully traceable and easily reversible, features not available in other consoles.

3. White-label theming

CF AppStage allows organizations to apply light, dark, or fully customized branding with each deployment. Your brand experience is maintained without code changes or forking.

4. Distribution-agnostic

CF AppStage connects to any Cloud Foundry Cloud Controller API v3 endpoint, including commercial offerings such as a9s Cloud Foundry and Broadcom Tanzu Application Service, as well as open-source Cloud Foundry distributions. As your infrastructure evolves or your provider changes, your management portal stays in place.

5. Zero-downtime by default

By default, application restarts use Cloud Foundry's rolling deployment strategy to deliver zero-downtime updates. Competing consoles use hard restarts, which increase disruption and downtime. CF AppStage eliminates this risk to ensure continuous service.

6. Audit visibility everywhere

Audit events are visible at the application, service instance, and platform levels, each with precise, context-specific filtering. This provides a breadth and granularity of operational transparency not available in other consoles.

CF AppStage vs. the alternatives

	CF APPSTAGE	STRATOS	APPS MANAGER (Broadcom® EAR)
Framework	Modular Backstage plugins	--	--
Extensible without forking	Yes	No	No
Guided workflows with dry-run	Yes	No	No
White-label theming	Yes	Yes	No
Rolling restart in the UI	Default	Hard restart only	CLI only
In-portal audit (app / service / platform)	Full	Limited	Partial
Unified resource search	Yes	No	No
Schema-driven service UI	Yes	No	No
Cost-forecasting in the portal	Built-in	No	No
Environment-health dashboard	Built-in	No	No
Native Backstage IDP ecosystem	Yes	No	No
CF distribution support	Any CF API v3	--	Broadcom® EAR only

This comparison reflects current anynines product information. Third-party console capabilities may vary by version and distribution.

KEY USE CASES

Key scenarios for CF AppStage adoption

Migration

Replace Stratos with no migration required:

CF AppStage is a drop-in replacement for Stratos. No data to move—deploy CF AppStage, point it at your CF API, and you're running. Teams gain guided workflows, comprehensive feature coverage, and a true plugin architecture from day one.

Transition

Transition from Tanzu or Apps Manager after

Broadcom acquisition: Give post-acquisition TAS teams a Cloud Foundry management portal independent of vendor or distribution. CF AppStage supports any Cloud Foundry API v3 endpoint, making it suitable for Broadcom or Tanzu transitions and platform consolidation.

Developer self-service

CLI-free operations: Enable development teams to provision services, manage bindings and routes, and restage applications through guided, auditable workflows, with dry-run previews before any change is applied, and no CF CLI access or support tickets required.

White-label customer portal

Adjust the portal to your theming: Offer a branded portal that integrates Data Services and Cloud Foundry management in a single experience, requiring no code changes.

BUILT ON BACKSTAGE

More than a Cloud Foundry console

Beyond a traditional Cloud, as a native Backstage application, CF AppStage enables Cloud Foundry management alongside the full Internal Developer Portal software catalog, TechDocs, API documentation, and unified search, all accessible with a single login and URL. A single enterprise identity provider manages access across the portal, and unified search covers all Cloud Foundry resources, allowing users to quickly locate and manage assets.

Backstage is the industry standard for internal developer portals, with approximately 89% market share and over 3,000 adopters, including LinkedIn, Vodafone, and CVS Health. Teams already using Backstage can add CF AppStage's Cloud Foundry plugins without additional tooling.

Integrates with:

- OIDC (e.g Keycloak, Okta, Azure AD) | UAA | Cloud Foundry API v3
- Backstage—Catalog | TechDocs | Scaffolder | Search
- PostgreSQL
- a9s Platform
- a9s Data Services

Lightweight, standard, and portable

Frontend framework	Backstage
Primary API	Cloud Foundry Cloud Controller API v3
CF compatibility	Any CF v3 distribution—a9s PaaS, SUSE CAP, open-source Cloud Foundry
Deployment target	Any Cloud Foundry with Node.js buildpack support
Runtime	Node.js 22 CF Node.js buildpack cflinuxfs4 stack
Footprint	256 MB container memory 8 GB disk
Database	PostgreSQL
Authentication	UAA or Keycloak (OIDC)
Network	Outbound access from the CF AppStage container to CF API endpoint(s)
Monitoring	Honeybadger error reporting
Client	Desktop-optimized web UI

Designed for the entire platform team

✓ Developers

- Deploy applications without using the CLI
- Manage applications, stream logs, access instances via SSH, edit environment variables, and bind services, all from the browser

✓ Platform Operators

- Administer all Cloud Foundry foundations
- Manage organizations, spaces, quotas, routes, security groups, feature flags, and user roles across all Cloud Foundry environments

✓ IT-Leads

- Standardize processes and oversee operations
- Review audit events, oversee provisioning, and consolidate management into a single, extensible, vendor-neutral portal. This approach supports Broadcom or Tanzu transitions and reduces the platform's total cost of ownership