



# Getting Started with Contrast Security on Bluemix

[Contrast Security](#) is a revolutionary product that instruments your applications with sensors to detect security vulnerabilities in your code and protect your applications against attacks.

Applications on Bluemix that use the Java Liberty buildpack can now use the Contrast Security buildpack to secure their applications with Contrast. The buildpack utilizes the Contrast agent to instrument applications with sensors and monitor data flow in the application.

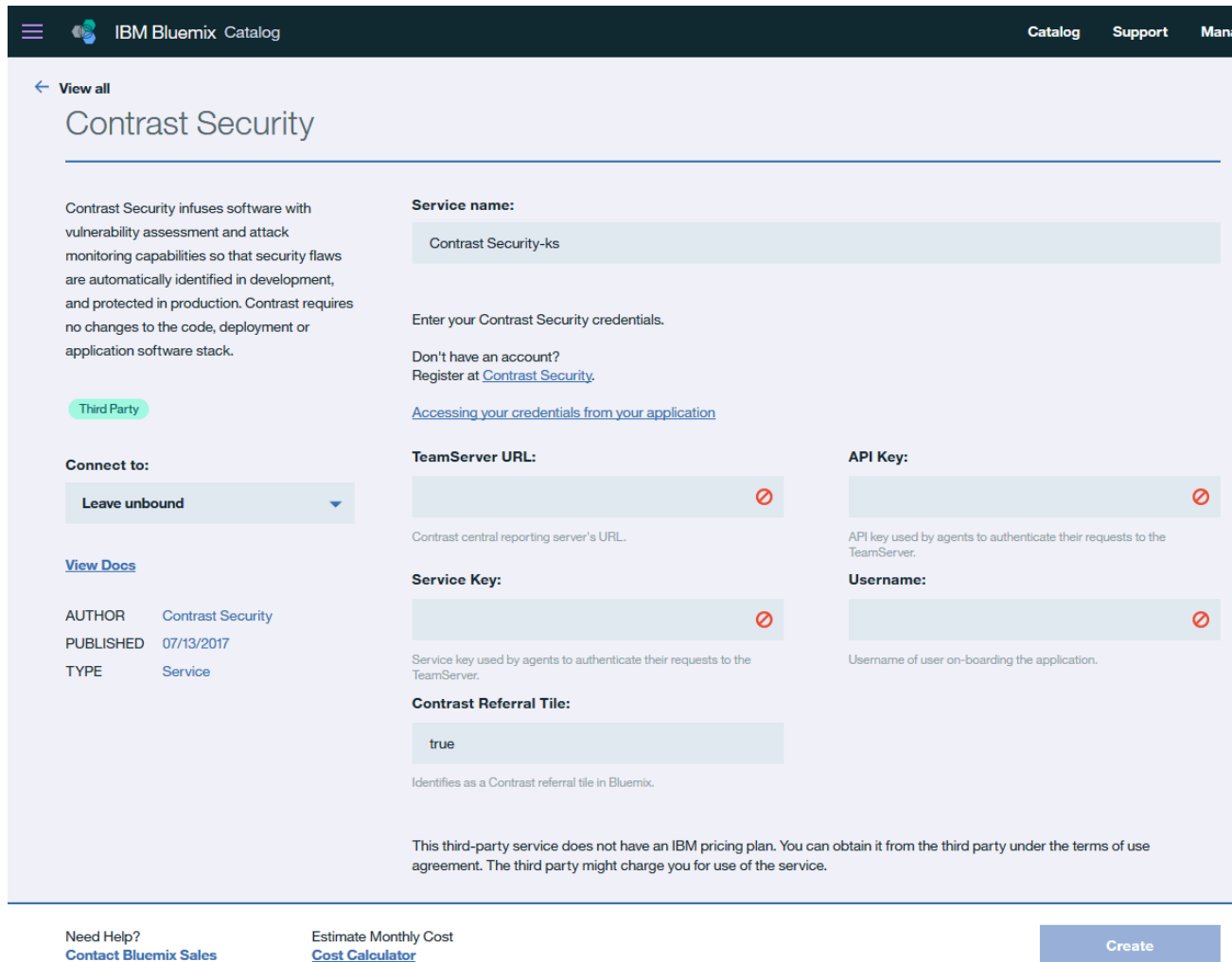
To view the results of the Contrast agent, customers will need Contrast’s central reporting console known as the TeamServer. This is provided both as a service (SaaS) and as an on-premises offering. If you are new to Contrast and need to get set up with an account, reach out to the [Contrast support team](#) before getting started with the Bluemix tile.

Once your Contrast account has been setup (note that this is outside of Bluemix), you can proceed with the steps below to instrument your application with the Contrast agent and onboard an application.

1. Login to your [Bluemix Dashboard](#) and browse to the [Bluemix Catalog](#).

The screenshot shows the IBM Bluemix Catalog interface. At the top, there is a navigation bar with 'Catalog', 'Support', and 'Manage' options. On the left, a sidebar lists categories like 'Apps', 'Services', 'Data & Analytics', 'Watson', 'Internet of Things', 'APIs', 'Network', 'Storage', 'Security', 'DevOps', 'Application Services', and 'Integrate'. The main content area is divided into two sections: 'Security' and 'DevOps'. The 'Security' section is titled 'Build security into application design.' and features tiles for 'Activity Tracker' (capture, store, and visualize cloud activities), 'App ID' (add authentication to apps), 'Application Security on Cloud' (robust security vulnerability assessment), 'Key Protect' (app-independent service for protecting, managing, and generating keys), 'Single Sign On' (implement user authentication for web and mobile apps), and 'Passport' (modern identity and user management). The 'DevOps' section is titled 'From development to deployment.' and features tiles for 'Activity Tracker' (capture, store, and visualize cloud activities), 'Auto-Scaling' (automatically increase or decrease the number of application instances), and 'Availability Monitoring' (around the world, around the clock availability and performance monitoring). Each tile includes an icon, a title, a brief description, and a provider tag (IBM or Third Party).

2. Select Contrast Security from the Security category
3. Fill in your TeamServer URL, API Key, Service Key, and Username. These can be obtained from your Contrast TeamServer account under Organization Settings > API.



IBM Bluemix Catalog

View all

## Contrast Security

Contrast Security infuses software with vulnerability assessment and attack monitoring capabilities so that security flaws are automatically identified in development, and protected in production. Contrast requires no changes to the code, deployment or application software stack.

**Third Party**

**Connect to:**  
Leave unbound

[View Docs](#)

AUTHOR [Contrast Security](#)  
PUBLISHED 07/13/2017  
TYPE Service

**Service name:**  
Contrast Security-ks

Enter your Contrast Security credentials.  
Don't have an account? Register at [Contrast Security](#).  
[Accessing your credentials from your application](#)

**TeamServer URL:**  
Contrast central reporting server's URL.

**Service Key:**  
Service key used by agents to authenticate their requests to the TeamServer.

**Contrast Referral Tile:**  
true  
Identifies as a Contrast referral tile in Bluemix.

**API Key:**  
API key used by agents to authenticate their requests to the TeamServer.

**Username:**  
Username of user on-boarding the application.

This third-party service does not have an IBM pricing plan. You can obtain it from the third party under the terms of use agreement. The third party might charge you for use of the service.

Need Help? [Contact Bluemix Sales](#) | Estimate Monthly Cost [Cost Calculator](#) | [Create](#)

4. Bind the Contrast Security service to your application and hit Create.
5. Now Restart the application to have the Contrast agent instrument the application and send over information to TeamServer

To view results on Contrast TeamServer, login to your Contrast account and navigate to Applications. You will now be able to see your new Bluemix application reporting.

Contrast can now report vulnerabilities and block attacks on your applications directly.