



Red Hat Insights 1-latest

Getting Started with Red Hat Insights with FedRAMP

How to start using Red Hat Insights

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How to start using Red Hat Insights

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Abstract

This document provides starting points and resources for registering and installing Red Hat Insights for Red Hat Enterprise Linux and Red Hat OpenShift Container Platform with FedRAMP[®]. Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see our CTO Chris Wright's message .

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CHAPTER 1. ABOUT RED HAT INSIGHTS

Powered by predictive analytics, Red Hat Insights gets smarter with every additional piece of intelligence and data. It can automatically discover relevant insights, recommend tailored, proactive, next actions, and even automate tasks. Using Red Hat Insights, customers can benefit from the experience and technical knowledge of Red Hat Certified Engineers, making it easier to identify, prioritize and resolve issues before business operations are affected.

As a SaaS offering, Red Hat Insights is regularly updated. Regular updates expand the Insights knowledge archive in real time to reflect new IT challenges that can impact the stability of mission-critical systems.

CHAPTER 2. INSTALLING RED HAT INSIGHTS FOR RED HAT ENTERPRISE LINUX (RHEL)

This document provides starting points and resources for registering systems to Red Hat Insights for Red Hat Enterprise Linux.

Installation of Red Hat Insights typically involves installing the Insights client, then registering systems for use with Insights. You can use different methods to register and install Insights. A registration assistant is also available to guide you through the process of registering and installing Insights. You can also use the Remote Host Configuration (RHC) tool. The installation method you use can depend on conditions such as,

- Whether you are connecting to Red Hat for the first time
- Whether you use a certain version of RHEL
- Whether you want to do an automated installation or manual install
- Other factors

2.1. INSTALLING RED HAT INSIGHTS ON RED HAT ENTERPRISE LINUX SATELLITE-MANAGED HOSTS

To install Insights on Red Hat Enterprise Linux hosts managed by Red Hat Satellite, see:

- [Creating a Host in Red Hat Satellite](#)
- [Using Ansible Roles to Automate Repetitive Tasks on Satellite Hosts](#)
- [Monitoring Hosts Using Red Hat Insights](#)

2.2. REGISTERING AND MANAGING SATELLITE SERVER INTEGRATION WITH FEDRAMP

Before you can use Insights with your server, you need to connect your servers to the Satellite server. The Satellite server enables your servers to communicate with Red Hat Insights.

An IP address-based allow list restricts network access to the Insights service. This ensures that only the servers and ports that you specify can connect to the Satellite server.



NOTE

The following requirements are in addition to existing Satellite Server connectivity requirements to the Red Hat Content Delivery Network and Red Hat Subscription Management (RHSM) for software updates. For more information about connectivity requirements, refer to [How to access Red Hat Subscription Manager \(RHSM\) through a firewall or proxy](#).

Prerequisites

- The Satellite server must be able to connect to the domain **mtls.console.stage.openshiftusgov.com**, using the HTTPS protocol on port 443.

- You must provide a static public egress IP address (or address range) from which Satellite traffic will originate.



NOTE

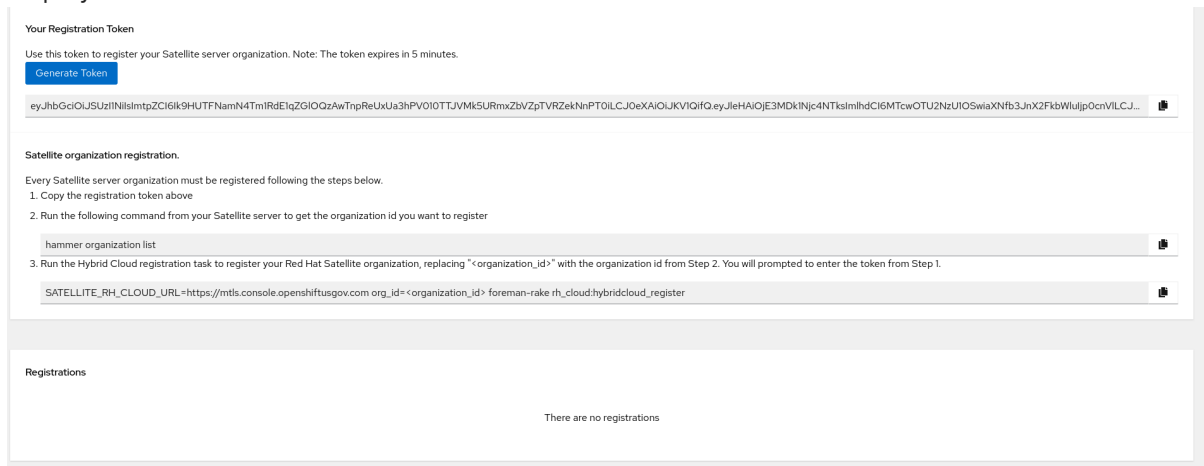
Contact Red Hat Support to set up the public egress IP address.

The public egress IP address is an additional IP address on the primary network interface of your server.

- You are logged in to the Hybrid Cloud Console (<https://console.openshiftusgov.com>) as an Organization Administrator.
- You have administrator **ssh** access to the Satellite server.
- You are logged in to the Satellite server using **ssh**.

Procedure

- Click **Manage Satellites** at the top of the Hybrid Cloud Console window. The following window displays.



- Click **Generate Token** to create the registration token for your organization.
- Copy the token.
- Open a terminal window on the system and enter the following command:

```
# hammer organization list
```

The system returns your organization ID. Make note of it for the next step.

- Enter the following command. Substitute the organization ID for **<organization_id>**.

```
# SATELLITE_RH_CLOUD_URL=https://mtls.console.openshiftusgov.com org_id=
<organization_id> foreman-rake rh_cloud:hybridcloud_register
```

The system returns a prompt for the token that you generated.

- Paste the token at the prompt and press **Enter**.
The system returns a success message. You can now register the system with Satellite and run **insights-client**.

Additional resources

- [Hammer CLI Guide](#)
- [Client Configuration Guide for Insights with FedRAMP](#)
- [Installing the Satellite server in a disconnected network](#)