



User Guide:

Intel Cloud Integrity Technology 3.1 **Deployment Wizard**

User Guide
Cloud Integrity Technology Quick Start



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Table of Contents

Quick Start.....	6
Introduction.....	5
Purpose.....	5
Definitions, Acronyms, Abbreviations.....	5
Acronyms.....	5
References.....	5
Overview.....	6
Installation	7
Standard.....	7
Custom.....	8
Upgrade.....	9
Uninstallation.....	10
Browser.....	11
Start.....	11
Environment.....	12
Features - Private Network.....	13
Features - Cloud Service Provider.....	14
Features - Enterprise.....	15
Layout.....	17
Settings - Private Network, VM Integrity, All-in-one.....	18
Settings - Private Network, VM Encryption with Barbican, All-in-one	19
Settings - Private Network, VM Encryption with KMIP, All-in-one.....	20
Credentials - Private Network, VM Integrity, All-in-one	21
Preview - Private Network, VM Integrity, All-in-one	22
Deploying.....	23
Summary.....	23





Introduction

This document contains the user guide for the Cloud Integrity Technology 3.2 Deployment Wizard server. The Deployment Wizard is an installable service that will automatically deploy CIT components in a variety of configurations.

Purpose

The purpose of the Quick Start server is to simplify the deployment of Cloud Integrity Technology components into a specified environment.

The intended audience is developers, system engineers, product marketing team, and managers.

Definitions, Acronyms, Abbreviations

Acronyms

CIT - Cloud Integrity Technology

KMIP - Key Management Interoperability Protocol

SSH - Secure Shell

VM - Virtual Machine

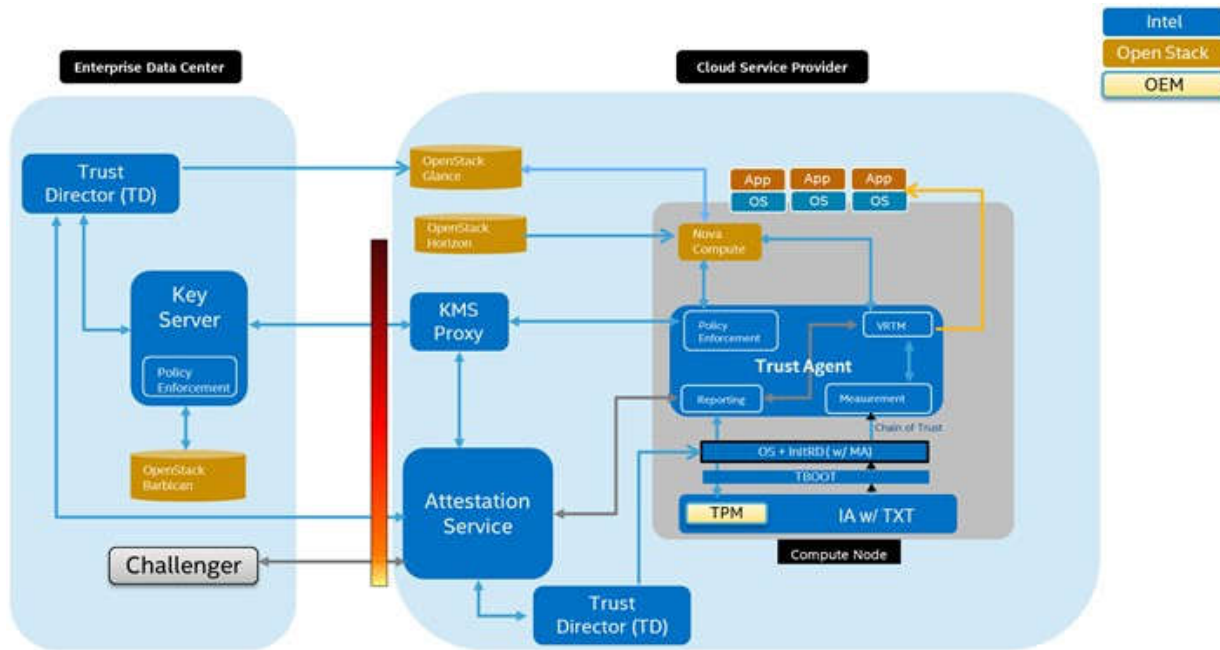
CSP - cloud service provider

CSC - cloud service consumer (the enterprise customer that is using the CSP), this term is used only to refer to an enterprise in situations when it is acting specifically as a customer of a CSP

References

Cloud Integrity Technology 3.2 Product Guide

Cloud Integrity Technology 3.1 Component Architecture



Intel Cloud Integrity Technology 3.0 consists of multiple components (see the CIT 3.0 Product Guide for a full description of each component and its purpose). These components can be deployed by the Deployment Wizard in different ways to support different use cases. Some components (such as the Key Broker Server) are only deployed to support specific use cases, and may not be used in all CIT installations.

The Deployment Wizard can install those components needed by the Cloud Service Provider (CSP), the components needed by the Enterprise Customer, or both. These components can be installed on a single host, or a separate host can be used for each component.

In any scenario where the CSP and Enterprise Customer components will be installed separately, the CSP components must be installed first. Information from the CSP (user authentication information, etc.) will need to be provided to the Enterprise Customer before the customer installs their own CIT components.

Overview

This user guide is organized into sections covering installation and operation.

Quick Start

To install the Cloud Integrity Technology Quick Start:

1. Copy the CIT Quick Start installer to the target system `CIT_QUICKSTART_HOST`



2. Run the installer

3. Browse to `https://CIT_QUICKSTART_HOST`

Installation

The Deployment Wizard server is packaged as a Linux self-extracting executable.

Standard

A standard installation of the Cloud Integrity Technology Deployment Wizard does not require any configuration. The software will be installed in `/opt/cit` and the server will be available on standard http port 80 and https port 443 by default. Simply run the executable and enter the server's IP address or hostname into a browser window to access the deployment tool.

Example output from a successful installation:

```
Verifying archive integrity... All good.  
Uncompressing cit-quickstart-linux-3.0-SNAPSHOT.....  
Installing Cloud Integrity Technology (R)...  
=====>100%  
http://198.51.100.18
```

Example output from a failed installation:

```
Verifying archive integrity... All good.  
Uncompressing cit-quickstart-linux-3.0-SNAPSHOT.....  
Installing Cloud Integrity Technology (R)...  
=====>23%  
Installation failed; log file is at /tmp/cit/monitor/install-quickstart/stdout
```



Custom (Optional)

The following environment variables can be exported or defined in `~/cit.env` before installation in order to customize the installation:

Table 1 Environment variables to customize installation

Name	Default	Notes
CIT_HOME	/opt/cit	Directory path. Directory where bin, configuration, env, logs, and repository are going to be installed.
CIT_USERNAME	cit	Linux username. The non-root user to run the quick start server
CIT_CONFIGURATION	CIT_HOME/configuration	Directory path. Alternate location: /etc/cit
CIT_REPOSITORY	CIT_HOME/repository	Directory path. Alternate location: /var/opt/cit
CIT_LOGS	CIT_HOME/logs	Directory path. Alternate location: /var/log/cit
CIT_BIN	CIT_HOME/bin	Directory path. Executable scripts and binaries are stored here
CIT_JAVA	CIT_HOME/java	Directory path. Application Java libraries are stored here
CIT_PID_FILE	CIT_LOGS/cit.pid	File path. Alternate location: /var/run/cit.pid
CIT_LOG_LEVEL	INFO	Possible values: DEBUG, INFO, WARN, ERROR. Set to DEBUG to write more details into log; set to WARN or ERROR to write less to the log
JAVA_REQUIRED_VERSION	1.7	Java version. Sets the minimum required Java version for using a pre-installed Java runtime; if one is not found the installer will install this Java version which is included
JETTY_PORT	80	Port number. The server's http port
JETTY_SECURE_PORT	443	Port number. The server's https port
MTWILSON_EXTENSIONS_FILTER_INCLUDE_FILTER_CONTAINS	mtwilson,cit,jersey-media-multipart	Format is comma-separated without spaces. Controls which Jar files are scanned for auto-detecting extensions. Jar files in CIT_JAVA that contain any of



		these terms in the filename will be included.
MTWILSON_EXTENSIONS_PACKAGEINCLUDEFILTER_STARTSWITH	com.intel,org.glassfish.jersey.media.multipart	Format is comma-separated without spaces. Controls which Java packages are scanned for auto-detecting extensions. Within scanned jar files, Java packages that start with any of these terms will be included.
CIT_NOSETUP	N/A	Undefined, empty, or any value. Normally is not defined; set to any non-empty value such as "1" or "true" to skip generating master password, configuring the application, and running setup tasks during installation.

If present, the cit.env file is "sourced" by the shell so it can use any available shell variables and expressions in order to define the variables described in the above table.

Here is an example /root/cit.env file:

```
CIT_HOME=/opt/cit
CIT_CONFIGURATION=/etc/opt/cit
CIT_REPOSITORY=/var/opt/cit
CIT_LOGS=/var/log/cit
CIT_PID_FILE=/var/run/cit/cit.pid
```

Upgrade

To upgrade the Deployment Wizard server, simply run the new installer on a host with an existing installation. If the original installation was customized using the cit.env file, that file does not need to be present when upgrading. Customizations such as directory layout will be detected from the existing installation. An upgrade should not be used to change directory layouts - data will not be migrated.

To upgrade individual components deployed by the Deployment Wizard server, find the component installer under CIT_HOME/repository/packages and replace it with the new installer.

Note that upgrading the CIT Deployment Wizard does not upgrade any CIT components installed by the wizard.



Uninstallation

NOTE: the uninstallation procedure removes the Deployment Wizard server, **not** any deployed components.

There are two modes of uninstallation. The first mode ("uninstall") leaves configuration, logs, and data intact. The second mode ("uninstall --purge") completely removes the application and all its configuration, logs, and data.

Run the uninstall command that preserves configuration, logs, and data:

```
cit uninstall
```

Run the uninstall command that also removes configuration, logs, and data:

```
cit uninstall --purge
```

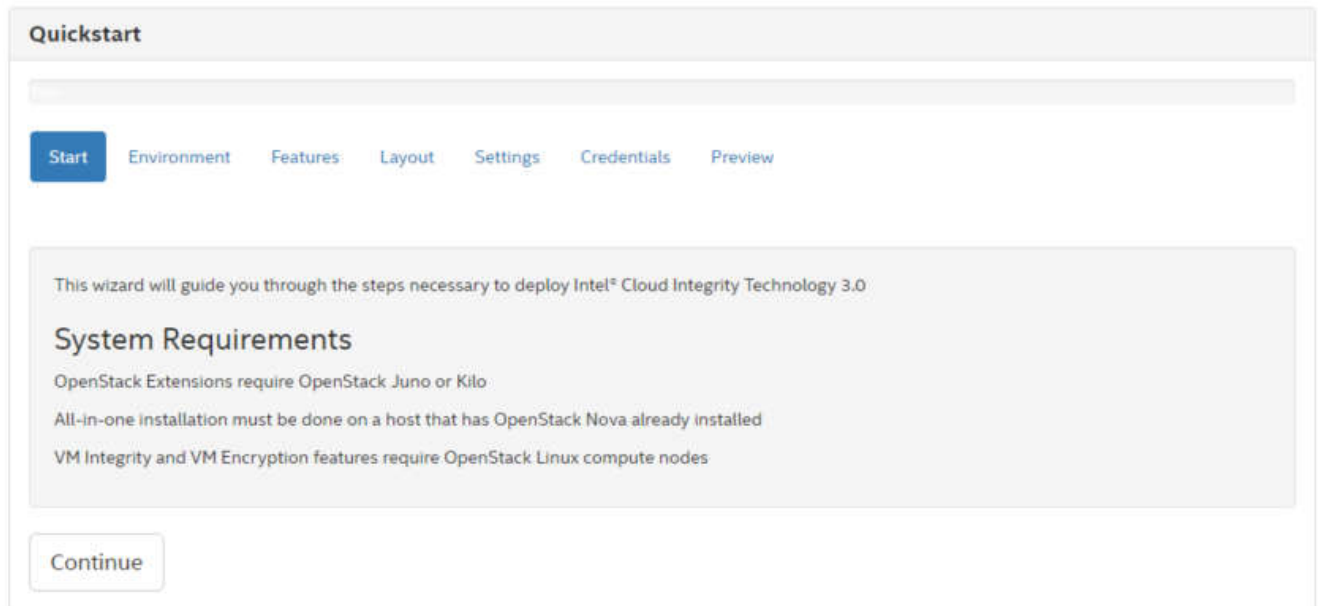


Browser

This section describes the browser user interface in detail. Each section describes one screen and may have one or more screenshots as a visual aid. Actual screens may differ from the screenshots shown here as we continuously improve the software.

Start

The start screen is an introductory screen that may include some release notes and system requirements for this version of Cloud Integrity Technology.





Environment

The environment screen presents a choice that affects which components of Cloud Integrity Technology will be installed and which configuration settings will be required. In a private network, all components will be installed and minimal configuration will be required. In a cloud service provider, all components except the Key Broker will be installed and minimal configuration will be required. In an enterprise, only Trust Director and Key Broker will be installed, and configuration settings will be required to connect to the Cloud Service Provider's OpenStack image service (Glance) and Attestation Service.

The default selection requires the least amount of configuration.

Quickstart

Step 1 of 6

Start **Environment** Features Layout Settings Credentials Preview

- ☒ **Private Network (Enterprise or Datacenter)**
All components will be installed for an stand-alone deployment
- ☐ **Cloud Service Provider**
Installs Intel® Cloud Integrity Technology attestation server, Trust Director (for host attestation), OpenStack integration (if applicable), Key Broker Proxy (if applicable)
- ☐ **Enterprise**
Installs Trust Director (for workload attestation), Key Broker (if applicable)

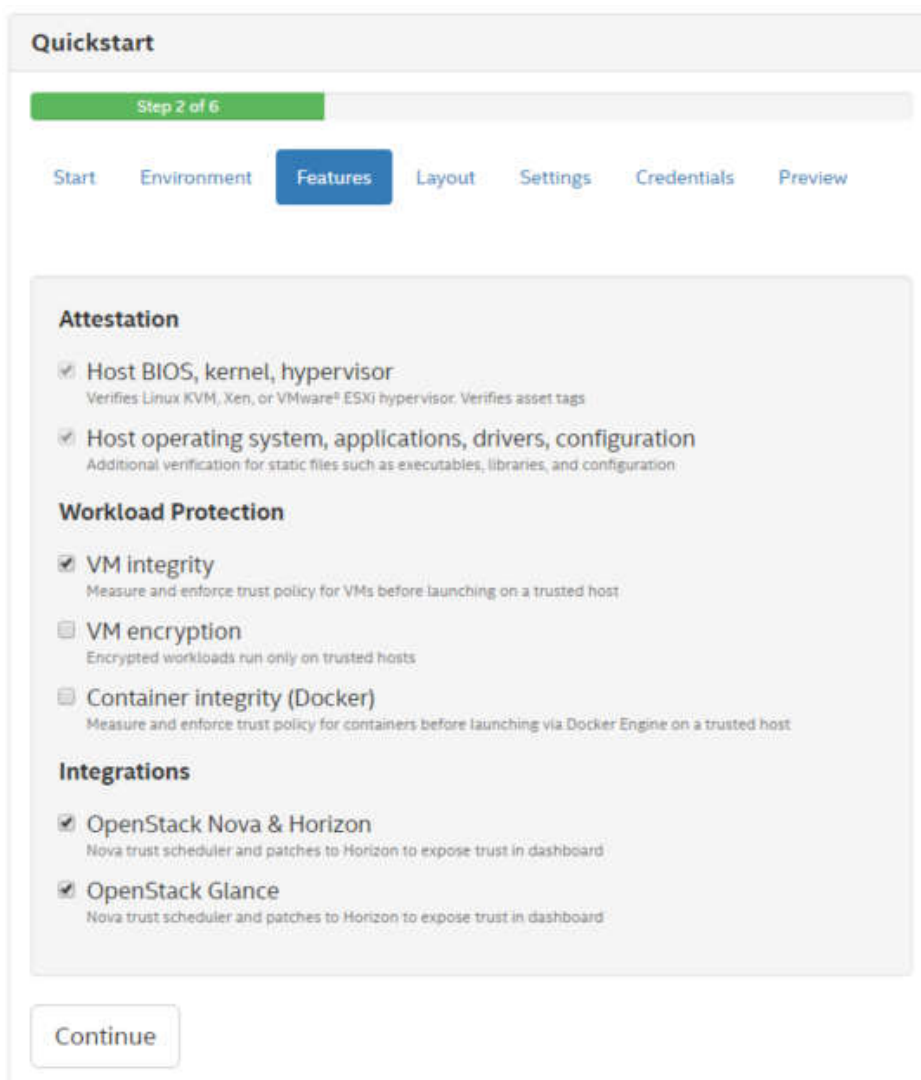
Continue

Features - Private Network (Enterprise or Datacenter)

The features screen presents a choice that affects which components will be installed and which configuration settings will be required. The items available in the features screen depend on the choice made in the environment screen. In a private network, all features are available.

The default selections require the least amount of configuration.

The “Private Network” selection will install all CIT components automatically. This is intended for a private cloud datacenter, as opposed to a Cloud Service Provider with one or more Enterprise Customers.



The screenshot shows the 'Quickstart' interface, specifically the 'Features' step (Step 2 of 6). The navigation bar includes 'Start', 'Environment', 'Features' (selected), 'Layout', 'Settings', 'Credentials', and 'Preview'. The main content area is divided into three sections: 'Attestation', 'Workload Protection', and 'Integrations'. Each section contains a list of features with checkboxes and descriptions.

Quickstart

Step 2 of 6

Start Environment **Features** Layout Settings Credentials Preview

Attestation

- ☒ Host BIOS, kernel, hypervisor
Verifies Linux KVM, Xen, or VMware® ESXi hypervisor. Verifies asset tags
- ☒ Host operating system, applications, drivers, configuration
Additional verification for static files such as executables, libraries, and configuration

Workload Protection

- ☒ VM integrity
Measure and enforce trust policy for VMs before launching on a trusted host
- ☐ VM encryption
Encrypted workloads run only on trusted hosts
- ☐ Container integrity (Docker)
Measure and enforce trust policy for containers before launching via Docker Engine on a trusted host

Integrations

- ☒ OpenStack Nova & Horizon
Nova trust scheduler and patches to Horizon to expose trust in dashboard
- ☒ OpenStack Glance
Nova trust scheduler and patches to Horizon to expose trust in dashboard

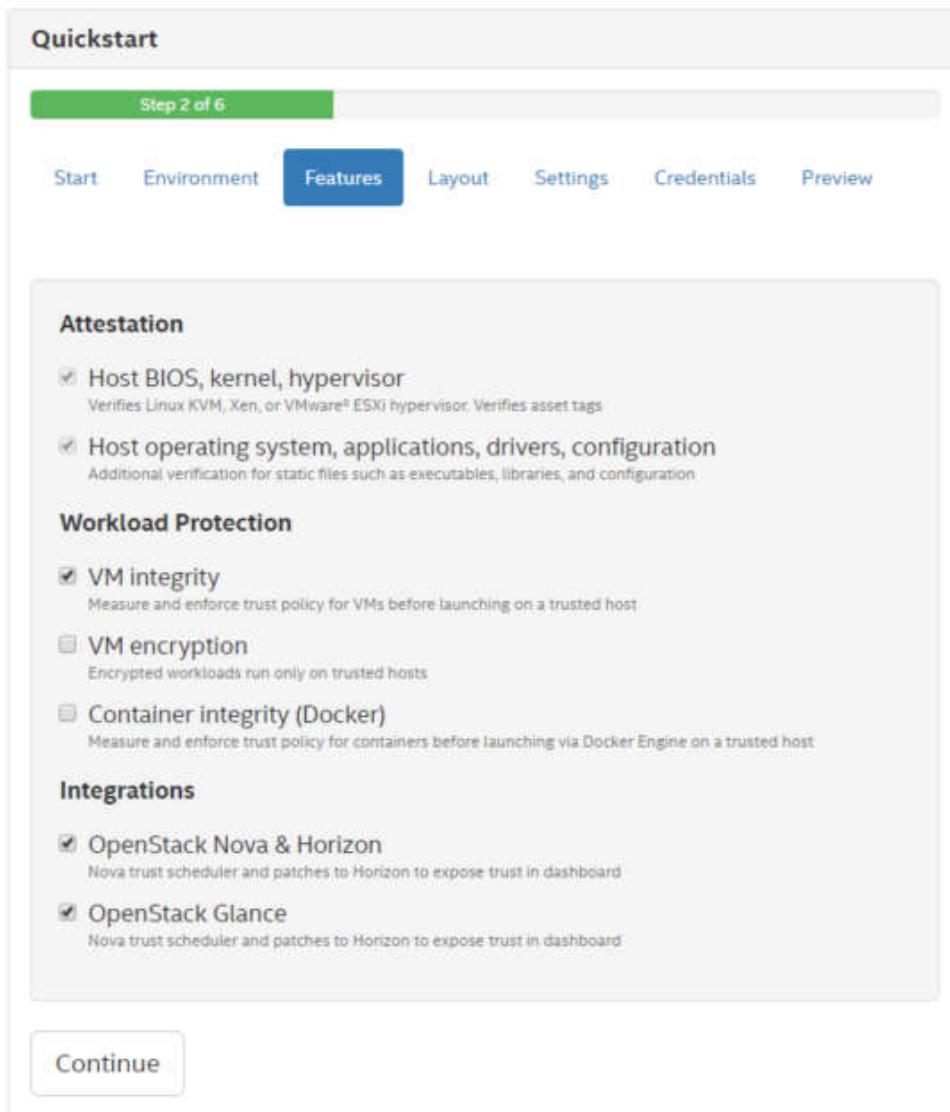
Continue

Features - Cloud Service Provider

The features screen presents a choice that affects which components will be installed and which configuration settings will be required. The items available in the features screen depend on the choice made in the environment screen. In a cloud service provider, Key Broker related features are omitted such as integration with OpenStack Barbican or a KMIP-enabled key server.

See the Cloud Integrity Technology Component Architecture diagram to see which components are part of a Cloud Service Provider deployment.

The default selections require the least amount of configuration.



The screenshot shows the 'Quickstart' interface, specifically the 'Features' step (Step 2 of 6). The navigation bar includes 'Start', 'Environment', 'Features' (active), 'Layout', 'Settings', 'Credentials', and 'Preview'. The main content area is divided into four sections: 'Attestation', 'Workload Protection', 'Integrations', and a 'Continue' button at the bottom.

Quickstart

Step 2 of 6

Start Environment **Features** Layout Settings Credentials Preview

Attestation

- ☒ Host BIOS, kernel, hypervisor
Verifies Linux KVM, Xen, or VMware® ESXi hypervisor. Verifies asset tags
- ☒ Host operating system, applications, drivers, configuration
Additional verification for static files such as executables, libraries, and configuration

Workload Protection

- ☒ VM integrity
Measure and enforce trust policy for VMs before launching on a trusted host
- ☐ VM encryption
Encrypted workloads run only on trusted hosts
- ☐ Container integrity (Docker)
Measure and enforce trust policy for containers before launching via Docker Engine on a trusted host

Integrations

- ☒ OpenStack Nova & Horizon
Nova trust scheduler and patches to Horizon to expose trust in dashboard
- ☒ OpenStack Glance
Nova trust scheduler and patches to Horizon to expose trust in dashboard

Continue



Features - Private Network (Enterprise or Datacenter)

The features screen presents a choice that affects which components will be installed and which configuration settings will be required. The items available in the features screen depend on the choice made in the environment screen.

In an enterprise network, workload protection and various integration features are available. No Enterprise Customer deployment is needed if only Platform Attestation will be provided (all components needed for this are on the Cloud Service Provider side).

All selections will require some configuration because the enterprise installation is not a stand-alone installation and is intended to integrate with a cloud service provider's offering. To install all components locally with minimal configuration, choose the private network option in the environment screen.

Note that the Key Broker Server will not be installed if VM Encryption is not selected. If the VM Encryption will be selected for deployment, an existing KMIP or Barbican key management service must be installed and available before running the Enterprise Customer deployment.

For Barbican deployments, you will need the following information:

- Barbican ID
- Barbican URL
- Keystone URL
- Username
- Password
- Barbican Tenant Name

For KMIP deployments, you will need the following information:

- KMIP Server URL

See the Cloud Integrity Technology Component Architecture diagram to see which components are part of an Enterprise Customer deployment.

The following information will need to be provided by your Cloud Service Provider before installing the Enterprise Customer components:

Attestation Service Info:

- Host Name or IP Address
- Port Number
- TLS Certificate SHA-1 Fingerprint
- Username: *(Attestation Server user created by CSP)*
- Password: *(Attestation Server user password created by CSP)*

OpenStack Glance Integration:

- Glance Server URL
- Keystone Server URL
- Glance Username (*User created by CSP*)
- Glance Password (*User password created by CSP*)
- OpenStack Tenant Name (*Tenant name created by CSP*)

Quickstart

Step 2 of 6

[Start](#) [Environment](#) [Features](#) [Layout](#) [Settings](#) [Credentials](#) [Preview](#)

Attestation

- ☒ Host BIOS, kernel, hypervisor
Verifies Linux KVM, Xen, or VMware® ESXi hypervisor. Verifies asset tags
- ☒ Host operating system, applications, drivers, configuration
Additional verification for static files such as executables, libraries, and configuration

Workload Protection

- ☒ VM integrity
Measure and enforce trust policy for VMs before launching on a trusted host
- ☐ VM encryption
Encrypted workloads run only on trusted hosts
- ☐ Container integrity (Docker)
Measure and enforce trust policy for containers before launching via Docker Engine on a trusted host

Integrations

- ☒ OpenStack Nova & Horizon
Nova trust scheduler and patches to Horizon to expose trust in dashboard
- ☒ OpenStack Glance
Nova trust scheduler and patches to Horizon to expose trust in dashboard

Continue

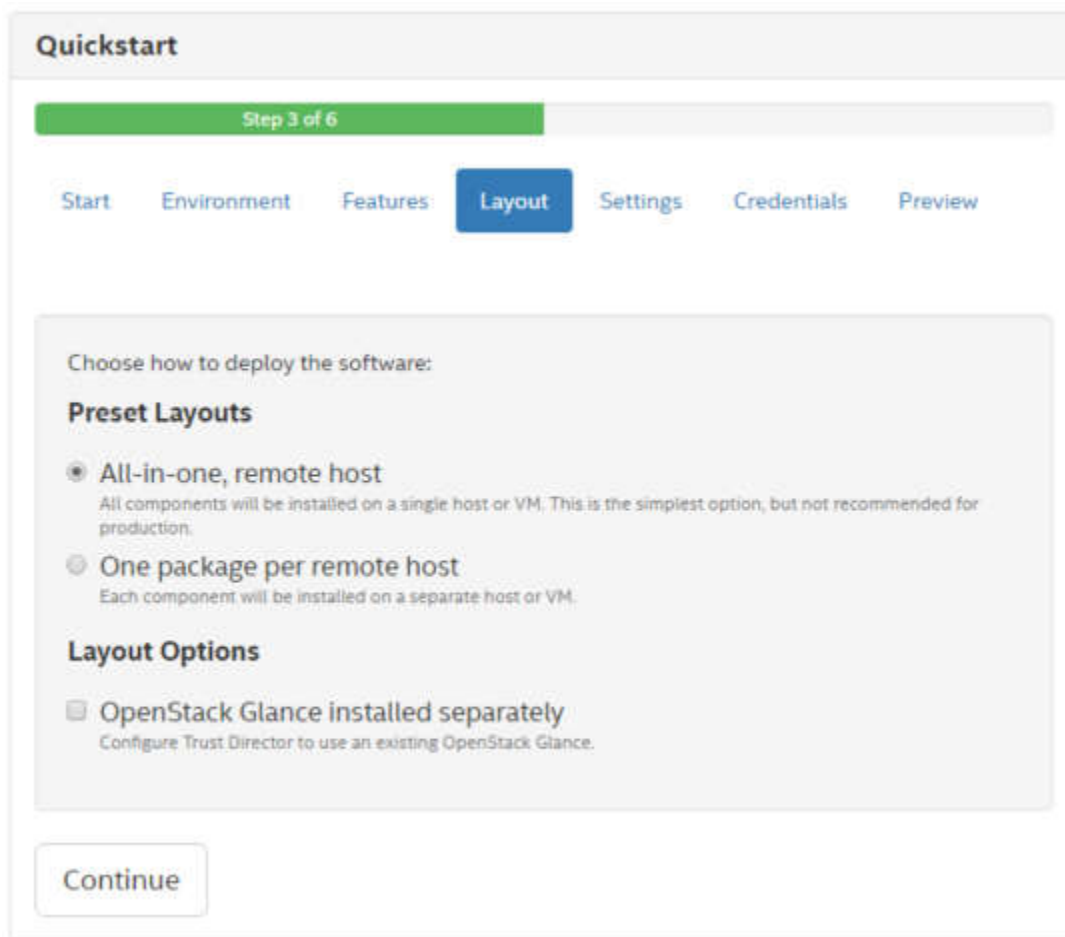
Layout

The layout screen presents a choice that will affect which configuration settings and login credentials will be required.

An “all-in-one” installation will result in all software components being installed in the same host, so only one host address and root password will be required in the credentials screen.

A “one package per remote host” installation will result in each software component being installed in a separate host, so the credentials screen will require multiple host addresses and root passwords.

The default selection requires the least amount of configuration.



The screenshot shows the 'Quickstart' interface, specifically the 'Layout' step (Step 3 of 6). The navigation bar includes 'Start', 'Environment', 'Features', 'Layout' (highlighted), 'Settings', 'Credentials', and 'Preview'. The main content area is titled 'Choose how to deploy the software:' and contains two sections: 'Preset Layouts' and 'Layout Options'. Under 'Preset Layouts', there are two radio button options: 'All-in-one, remote host' (selected) and 'One package per remote host'. Under 'Layout Options', there is a checkbox option for 'OpenStack Glance installed separately'. A 'Continue' button is located at the bottom left of the form.

Quickstart

Step 3 of 6

Start Environment Features **Layout** Settings Credentials Preview

Choose how to deploy the software:

Preset Layouts

- ☒ All-in-one, remote host
All components will be installed on a single host or VM. This is the simplest option, but not recommended for production.
- ☐ One package per remote host
Each component will be installed on a separate host or VM.

Layout Options

- ☐ OpenStack Glance installed separately
Configure Trust Director to use an existing OpenStack Glance.

Continue

Settings - Private Network, VM Integrity, All-in-one

The settings screen presents required and optional settings that affect the configuration of the deployed software components. Selections made in the environment, features, and layout screens affect which settings are required or optional.

Quickstart

Step 4 of 6

Start

Environment

Features

Layout

Settings

Credentials

Preview

Attestation

Attestation Service Cache Duration

15 min ▾

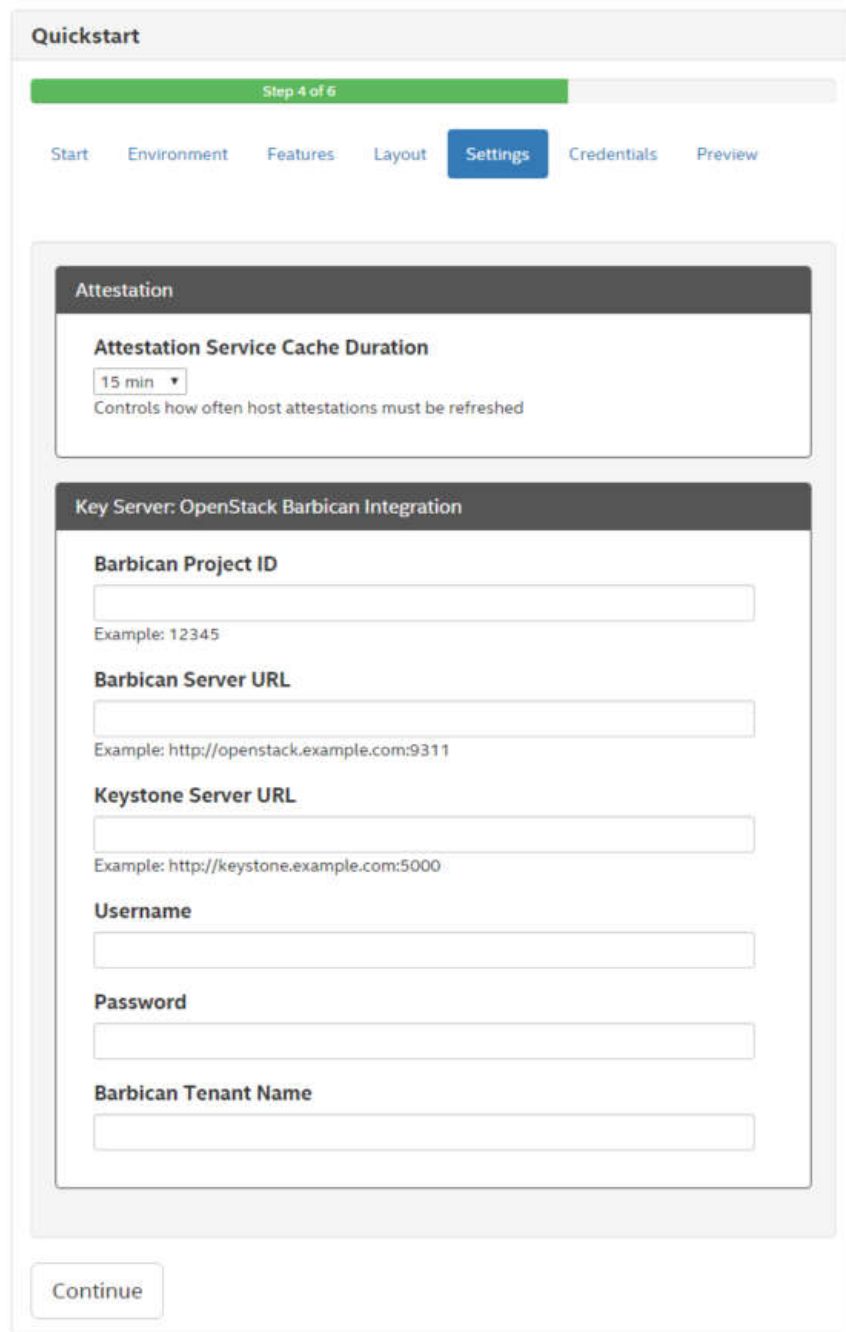
Controls how often host attestations must be refreshed

Continue

Settings - Private Network, VM Encryption with Barbican, All-in-one

The settings screen presents required and optional settings that affect the configuration of the deployed software components. Selections made in the environment, features, and layout screens affect which settings are required or optional.

Note: this is the same as just VM Integrity, because OpenStack Barbican is setup automatically on the OpenStack host.



The screenshot shows a web interface titled "Quickstart" with a progress bar indicating "Step 4 of 6". The navigation tabs are "Start", "Environment", "Features", "Layout", "Settings" (which is highlighted), "Credentials", and "Preview". The "Settings" section is divided into two main areas. The first area, titled "Attestation", contains a setting for "Attestation Service Cache Duration" set to "15 min" with a dropdown arrow, and a note: "Controls how often host attestations must be refreshed". The second area, titled "Key Server: OpenStack Barbican Integration", contains several input fields: "Barbican Project ID" (with example "12345"), "Barbican Server URL" (with example "http://openstack.example.com:9311"), "Keystone Server URL" (with example "http://keystone.example.com:5000"), "Username", "Password", and "Barbican Tenant Name". A "Continue" button is located at the bottom left of the settings area.

Settings - Private Network, VM Encryption with KMIP, All-in-one

The settings screen presents required and optional settings that affect the configuration of the deployed software components. Selections made in the environment, features, and layout screens affect which settings are required or optional.

The all-in-one layout applies to CIT 3.0 components, and the URL to the KMIP interface of the key server must be entered in this page.

Quickstart

Step 4 of 6

[Start](#) [Environment](#) [Features](#) [Layout](#) **[Settings](#)** [Credentials](#) [Preview](#)

Attestation
Attestation Service Cache Duration
15 min ▼
Controls how often host attestations must be refreshed

Key Server: KMIP Integration
KMIP Server URL

Example for a KMIP4J server:
https://kmip4j.example.com:8443/KMIPWebAppServer/KMIPServlet

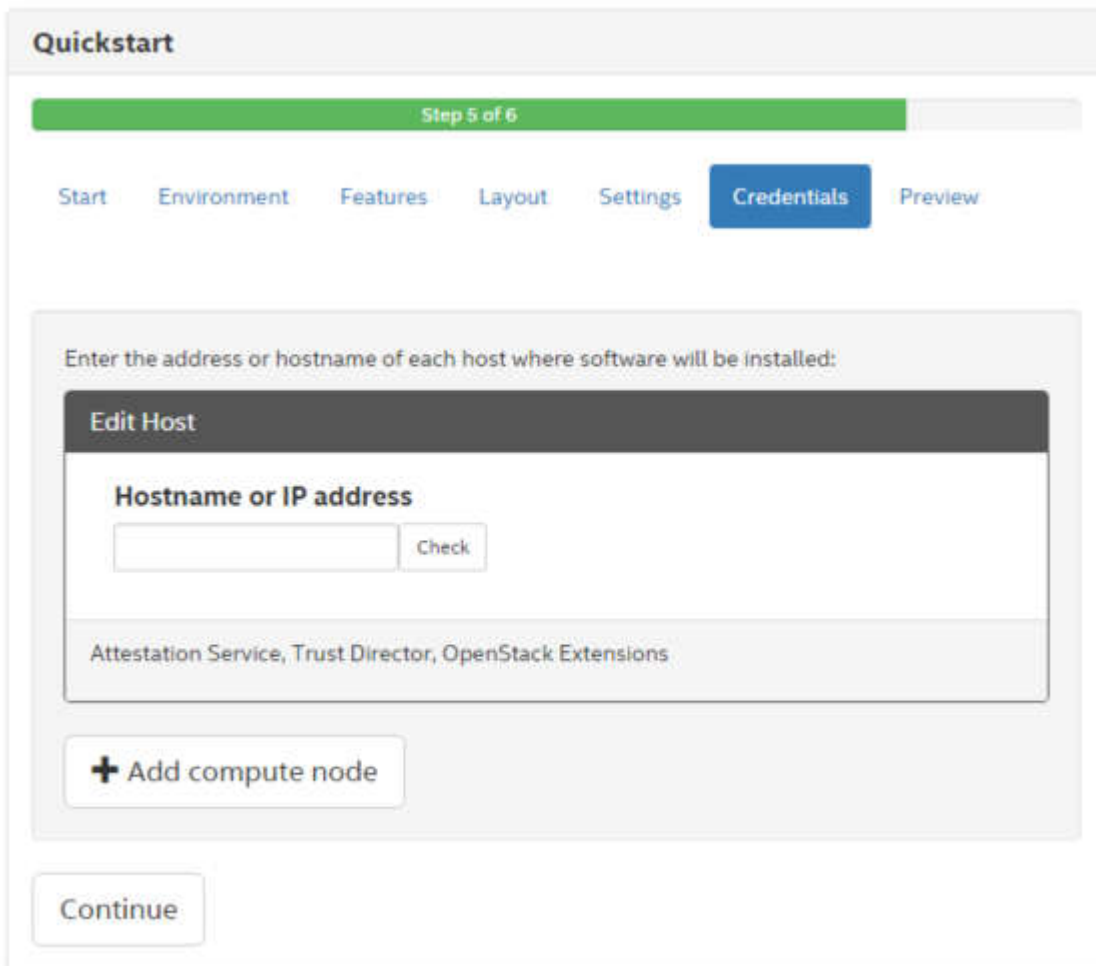
Continue

Credentials - Private Network, VM Integrity, All-in-one

The credentials screen is the final configuration step for the Cloud Integrity Technology deployment. Selections made in the environment, features, and layout screens affect how many credentials are required here.

Each host for which credentials are required is shown in a separate box. When a hostname or IP address is entered, the host's SSH public key is retrieved and displayed in the "Host check" area. If the host cannot be reached an error message will be shown. The SSH public key must be accepted in order to enter the SSH password for the host. When a password is entered, the password will be verified. This verification ensures that the deployment tool will be able to access all designated hosts when deploying the software.

Note that even when deploying to localhost, the root password will be required. This is because the deployment tool itself does not run as root, but in order to install the software components root access is required. So when deploying to localhost the deployment tool still uses SSH to login as root and install the software.



Preview - Private Network, VM Integrity, All-in-one

The preview screen summarizes the deployment choices and shows what software packages will be installed on each host. No action will be taken until the “Start” button is clicked.

Quickstart

Step 6 of 6

[Start](#) [Environment](#) [Features](#) [Layout](#) [Settings](#) [Credentials](#) [Preview](#)

Environment

- ☐ Private Network (Enterprise or Datacenter)
All components will be installed for an stand-alone deployment.

Layout

- ☐ All-in-one, remote host
All components will be installed on a single host or VM. This is the simplest option, but not recommended for production.

Features

Attestation

- ☒ Host BIOS, kernel, initrd, hypervisor
- ☒ Host apps, drivers, configuration

Workload Protection

- ☒ VM integrity

Integrations

- ☒ OpenStack Nova & Horizon
- ☒ OpenStack Glance

Host	Software
cit.example.com	Attestation Service, Trust Director, OpenStack Extensions

[Start](#)

Deploying

The deploying screen shows a progress bar and a summary of what software will be installed on each host.



Host	Software
cit.example.com	<input type="checkbox"/> Attestation Service
	<input type="checkbox"/> OpenStack Extensions
	<input type="checkbox"/> Trust Director

[Show/Hide detailed progress](#)

Cancel

Summary

The summary screen shows a list of the hosts included in the deployment. For each host there is a check list of the software installed and any necessary access information such as URL, username, and password.

For OpenStack Extensions, the Horizon URL and login credentials are shown.

For Trust Agent, the checkmark will not appear. The Trust Agent installer and trustagent.env file are copied to the host but the installer is not run automatically. The administrator must complete the Trust Agent installation by following the directions in the Trust Agent section of the Cloud Integrity Technology User Guide. However, the trustagent.env file that is copied to the host by the deployment tool contains the necessary information for that procedure.

Quickstart

100%

Intel® Cloud Integrity Technology 3.0

Host	Software
10.1.68.31	<input checked="" type="checkbox"/> Key Broker Proxy
10.1.68.34	<input checked="" type="checkbox"/> Key Broker https://10.1.68.34:443 Username: <input type="text" value="admin"/> Password: <input type="text" value="Ouw7rKz+hN7Z6KrsT2igjA"/>
10.1.68.31	<input checked="" type="checkbox"/> OpenStack Extensions http://10.1.68.31/horizon Username: <input type="text" value="cit-admin"/> Password: <input type="text" value="bQFOzLhMjbZ366KKyf8URQ"/>
10.1.68.31	<input checked="" type="checkbox"/> Attestation Service https://10.1.68.31:8443/mtwilson-portal Username: <input type="text" value="admin"/> Password: <input type="text" value="UHGboqJ6cz+VVVmGV5jFw"/>
10.1.68.34	<input checked="" type="checkbox"/> Trust Director https://10.1.68.34:443 Username: <input type="text" value="admin"/> Password: <input type="text" value="3xR5ROsb+Y2vccmMlCk3sA"/>
10.1.71.180	<input type="checkbox"/> Trust Agent

[Show/Hide detailed progress](#)

Start Again

As each software component is installed, the box next to it is checked. Note that there may be some configuration steps after all software has been installed, so it's possible for all boxes to be checked before the progress bar reaches 100%.

Quickstart

85%

Deploying Intel® Cloud Integrity Technology 3.0...

Host	Software
cit.example.com	<input checked="" type="checkbox"/> Attestation Service
	<input checked="" type="checkbox"/> OpenStack Extensions
	<input type="checkbox"/> Trust Director

[Show/Hide detailed progress](#)

Cancel

View a more detailed progress report including configuration steps by clicking “Show/Hide detailed progress”.

Installing OpenStack Extensions on cit.example.com	<div><div></div></div>
Finishing OpenStack configuration on cit.example.com	<div><div></div></div>
Creating Trust Director credential in OpenStack on cit.example.com	<div><div></div></div>
Synchronizing OpenStack Extensions	<div><div></div></div>
Copying director-0.1-SNAPSHOT.bin, director-0.1-SNAPSHOT.bin.mark, monitor.sh to cit.example.com	<div><div></div></div>
Configuring Trust Director on cit.example.com	<div><div></div></div>
Copying director.env to cit.example.com	<div><div></div></div>
Installing Trust Director on cit.example.com	<div><div></div></div>
Finishing Trust Director configuration on cit.example.com	<div><div></div></div>
Synchronizing Trust Director	<div><div></div></div>

User Guide
Cloud Integrity Technology Quick Start



When installation is complete, the deploying screen will show URLs and login credentials for each installed service that has a browser interface. This information should be saved before clicking the “Start Again” button or closing the quick start browser window.

Quickstart

100%

Intel® Cloud Integrity Technology 3.0

Host	Software
cit.example.com	<input checked="" type="checkbox"/> Attestation Service https://cit.example.com:8443/mtwilson-portal Username: <input type="text" value="admin"/> Password: <input type="text" value="sXR5ykgNBWknJCFq8YUkqw"/>
	<input checked="" type="checkbox"/> OpenStack Extensions http://cit.example.com/horizon Username: <input type="text" value="cit-admin"/> Password: <input type="text" value="3Bw7QnvE451zsFXx7Q3PxQ"/>
	<input checked="" type="checkbox"/> Trust Director https://cit.example.com:19443 Username: <input type="text" value="admin"/> Password: <input type="text" value="9TmYdlDoGzYUtPE8VwGZ4A"/>

[Show/Hide detailed progress](#)

Start Again

After the setup is complete, (Applies to CSP, Private Cloud options) you should do the following steps:

1. Approve and assign the roles/permissions for the Key Broker Proxy user in the Attestation server

After the setup is complete, (Applies to CSP, Private Cloud options) you should do the following steps:

- a. Navigate to the “Pending Requests” page by clicking on the “Administration” folder tab, then click the “Details” button.

Administration > Pending Access Requests

[View Pending Registrations](#)

Name	Requested Roles	
kmsproxy.0ef65f58c8d24d4ca1f051151cebbee2	Challenger, Attestation	<input type="button" value="Details"/>

- b. Approve the user “kmsproxy.xxxx” and check the boxes marked in yellow to assign the roles “Attestation” and “Challenger” roles


Administration > Pending Access Requests

View Pending Registrations

Name: kmsproxy.0ef65f58c8d24d4ca1f051151cebbce2

Fingerprint: db1e0da7e73315a3a21b22c3820e0401d754eb6cc66eb6c4fe7f739f941f0ef8

Issuer: C=US,O=Trusted Data Center,OU=Mt Wilson,CN=kmsproxy.0ef65f58c8d24d4ca

Requested Roles: 

Roles requested by the user are highlighted.

Mt Wilson 1.x roles for backward compatibility:

☐ Security ☐ Whitelist ☒ Attestation ☐ Report ☐ Audit ☐ AssetTagManagement

Mt Wilson 2.x roles:

☐ Administrator ☐ AssetTagManager ☐ Auditor ☒ Challenger ☐ HostManager ☐ ReportManager ☐ ServerManager ☐ UserManager ☐ WhitelistManager ☐ TlsPolicyManager

Expires: 2026-02-20T03:15:19.000Z

Comments:

kmsproxy.0ef65f58c8d24d4ca1f051151cebbce2

db1e0da7e73315a3a21b22c3820e0401d754eb6cc66eb6c4fe7f739f941f0ef8

C=US,O=Trusted Data Center,OU=Mt Wilson,CN=kmsproxy.0ef65f58c8d24d4ca

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2. Import the data bundle (certificates of the Attestation server) to Key Broker
 - Log into the Key Broker Portal
 - Select **Settings**
 - Select **Upload Settings**

User Guide

Cloud Integrity Technology Quick Start



Upload Configuration Data Bundle

Choose a data bundle from your computer and submit this form to upload it to the server and import the data.

Data Bundle

No file chosen

Once you have completed the steps above, refer to the Product Guide for use and operations of CIT 3.0. This is marcos!!!