

COVENANT INSTALLATION GUIDE - WINDOWS



A. Covenant Installation Guide

Step 1: Check System Requirements

Ensure your system meets the minimum requirements to install Covenant:

1. Processor: 64-bit x86 Intel or AMD processor.
2. RAM: At least 4GB of RAM; 8GB or more is recommended for better performance.
3. Disk Space: Minimum of 1.5GB of free disk space for installation, plus additional space for files generated during usage.

Step 2: Download and Install Prerequisites

1. Install Git:
 - Go to the [Git for Windows download page](#).
 - Download the installer and save it to your computer.
 - Locate the downloaded installer, double-click it, and follow the installation prompts to complete the Git installation.
2. Install .NET Core SDK 3.1:
 - Go to the [download link for .NET Core SDK 3.1](#).
 - Download the installer and save it to your computer.
 - Run the installer by double-clicking it and follow the installation steps to complete the SDK setup.

Step 3: Clone the Covenant Repository

1. Open Command Prompt or PowerShell.
2. Type the following command to clone the Covenant repository:
 - `git clone --recurse-submodules https://github.com/cobbr/Covenant`
3. Wait for the repository to be cloned, which may take a few minutes.

Step 4: Navigate to the Covenant Directory

1. In Command Prompt or PowerShell, navigate to the Covenant directory by typing:
 - `cd .\Covenant\Covenant\`

Step 5: Build Covenant

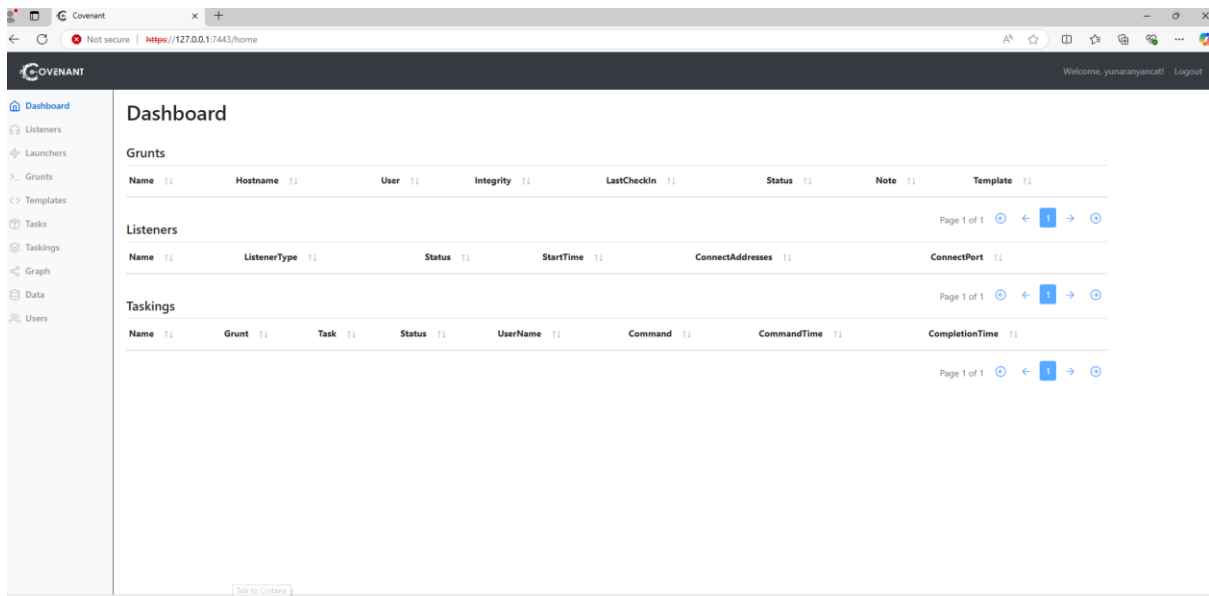
1. In the Covenant directory, type the following command to build Covenant:
 - `dotnet build`
2. Wait for the build process to complete. This process compiles the Covenant application for usage. Then run "*dotnet run*"

Step 6: Access Covenant in the Browser

1. Once the build completes, open your web browser.
2. Go to <https://127.0.0.1:7443>.
3. You may see a security warning since Covenant uses a self-signed SSL certificate. Proceed by selecting "Advanced" and then "Proceed to 127.0.0.1 (unsafe)."

Covenant is now installed and accessible on your Windows machine. You can begin setting up users, configuring options, and using Covenant for testing purposes.

Appendix



The screenshot displays the Covenant dashboard interface. The browser address bar shows the URL `https://127.0.0.1:7443/home`. The dashboard has a dark header with the 'COVENANT' logo and a user greeting 'Welcome, yunsaranyancat!'. A sidebar on the left contains navigation links: Dashboard, Listeners, Launchers, Grunts, Templates, Tasks, Taskings, Graph, Data, and Users. The main content area is titled 'Dashboard' and contains three sections: 'Grunts', 'Listeners', and 'Taskings'. Each section has a table with columns for various attributes. The 'Grunts' table has columns: Name, Hostname, User, Integrity, LastCheckin, Status, Note, and Template. The 'Listeners' table has columns: Name, ListenerType, Status, StartTime, ConnectAddresses, and ConnectPort. The 'Taskings' table has columns: Name, Grunt, Task, Status, UserName, Command, CommandTime, and CompletionTime. Each table is currently empty. Page navigation controls (Page 1 of 1, first, previous, next, last) are visible at the end of each table.

Dashboard

Grunts

Name	Hostname	User	Integrity	LastCheckin	Status	Note	Template
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Listeners

Name	ListenerType	Status	StartTime	ConnectAddresses	ConnectPort
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Taskings

Name	Grunt	Task	Status	UserName	Command	CommandTime	CompletionTime
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Fresh install of Covenant