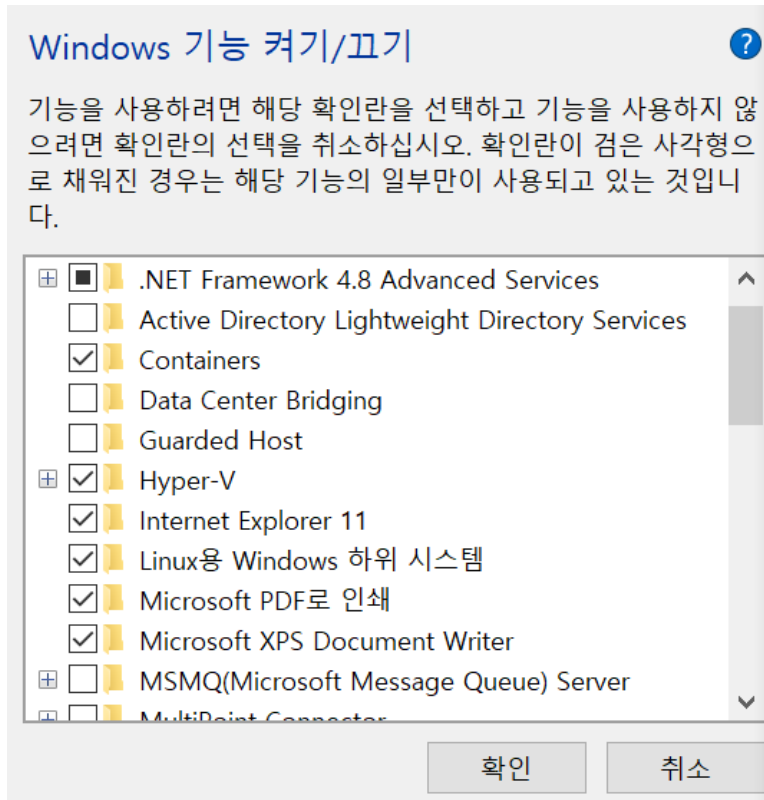


# Docker Tools For Windows



- Hyper-V : (VM)
- Linux Windows : WSL

<https://docs.docker.com/get-docker/>

## DockerCompose

+ .

## **docker-compose.dcproj**

```
<?xml version="1.0" encoding="utf-8"?>
<Project ToolsVersion="15.0" Sdk="Microsoft.Docker.Sdk">
  <PropertyGroup Label="Globals">
    <ProjectVersion>2.1</ProjectVersion>
    <DockerTargetOS>Linux</DockerTargetOS>
    <ProjectGuid>GUID ....</ProjectGuid>
    <DockerLaunchAction>None</DockerLaunchAction>
    <DockerServiceUrl>{Scheme}://localhost:{ServicePort}/swagger</DockerServiceUrl>
    <DockerServiceName>akkanetcore</DockerServiceName>
  </PropertyGroup>
  <ItemGroup>
    <None Include="docker-compose.yml" />
    <None Include=".dockerignore" />
  </ItemGroup>
</Project>
```

## **docker-compose.yml**

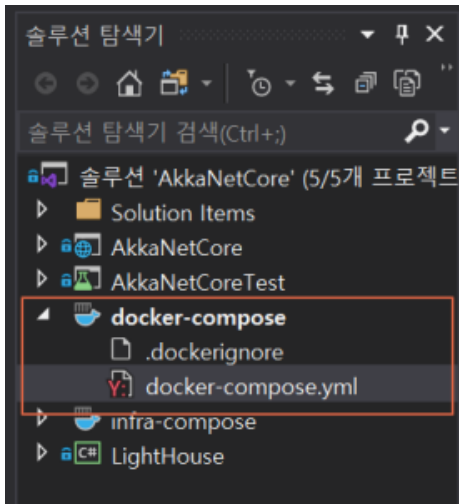
```
version: '3.4'

services:
  lighthouse:
    image: ${DOCKER_REGISTRY-}lighthouse
    build:
      context: .
      dockerfile: ../LightHouse/Dockerfile
    environment:
      CLUSTER_IP: lighthouse
      CLUSTER_PORT: 4053
      CLUSTER_SEEDS: akka.tcp://actor-cluster@lighthouse:4053
    ports:
      - 4054:4053
      - 9111:9110

  akkadb:
    image: mysql:5.7
    command: --default-authentication-plugin=mysql_native_password
    ports:
      - 33061:3306
    volumes:
      - ./firstsql.mysql:/docker-entrypoint-initdb.d/init.sql:ro
    environment:
      MYSQL_ROOT_PASSWORD: root

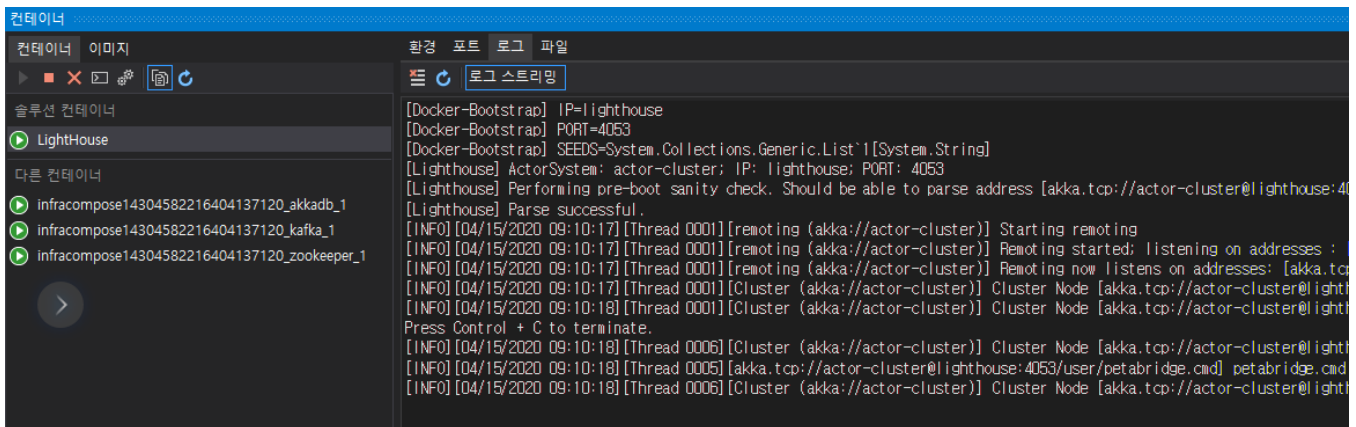
  zookeeper:
    image: 'bitnami/zookeeper:latest'
    ports:
      - '2181:2181'
    environment:
      - ALLOW_ANONYMOUS_LOGIN=yes

  kafka:
    hostname: kafka
    image: 'bitnami/kafka:latest'
    ports:
      - '9092:9092'
    environment:
      - KAFKA_ADVERTISED_HOST_NAME=kafka
      - KAFKA_ZOOKEEPER_CONNECT=zookeeper:2181
      - ALLOW_PLAINTEXT_LISTENER=yes
```



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Visual Studio , . ( )



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- <https://docs.microsoft.com/ko-kr/visualstudio/containers/tutorial-multicontainer?view=vs-2019>