

Ops Server Configuration Preparation

Install Software Preparation

In order to use the ops-server-config scripts to install the ArcGIS Platform software you will need to unpack and copy the individual software installers to specifically named and structured folders. Unless otherwise noted, all of the installers/executables required can be downloaded from [My Esri](#). See the instructions below for more information:

- 1) Run the ops-server-config\Utilities\CreateOpsServerReleaseFolderStructure.bat file to create the folder structure required by the ops-server-config repo installation scripts.
- 2) Copy the ops-server-config repo scripts and the software installers to the appropriate OPSServerInstall\Software folder created by the CreateOpsServerReleaseFolderStructure.bat file:
 - a. Ops-server-config scripts
 - i. Copy the files/folder in the ops-server-config repo to the OPSServerInstall\Software\ops-server-config folder.
 - b. ArcGIS Data Store
 - i. Double-click the ArcGIS_DataStore_Windows_103_144654.exe file to unpack the installation files.
 - ii. Copy the unpacked files/folders to the OPSServerInstall\Software\ArcGISDataStore folder.
 - c. ArcGIS GeoEvent
 - i. Double-click the ArcGIS_GeoEvent_Extension_for_Server_103_142135.exe file to unpack the installation files.
 - ii. Copy the unpacked files/folders to the OPSServerInstall\Software\ArcGISGeoEvent folder.
 - d. ArcGIS Server
 - i. Double-click the ArcGIS_for_Server_Windows_103_142101.exe file to unpack the installation files.
 - ii. Copy the unpacked files/folders to the OPSServerInstall\Software\ArcGISServer folder.
 - e. Chat Server
 - i. Download the Windows Openfire 3.9.3 installer from <https://www.igniterealtime.org/projects/openfire/> and copy the .exe file to the OPSServerInstall\Software\ChatServer\Openfire folder.

f. PostgreSQL database

- i. Create a folder named “Postgre_installation” under the folder
OPSServerInstall\Software\Database\ PostgreSQL_9.2.2.
- ii. Copy the PostgreSQL installer executable (i.e. postgresql-9.2.2-1-windows-x64.exe to the
OPSServerInstall\Software\Database\PostgreSQL_9.2.2\Postgres_installation folder.

NOTES:

- If you are using a PostgreSQL build other than 9.2.2, modify the ops-server-config\Install\PostgreSQL\InstallPostgreSQL.bat file to reference different folder paths and file names.
- The InstallPostgreSQL.bat replaces the installed PostgreSQL configuration file (postgresql.conf) with a customized file to meet specific team needs and is specific for PostgreSQL 9.2.2. If you are using a different PostgreSQL build or don’t need a custom configuration file, edit or comment out commands as appropriate for your installation.
- If you are installing a build of PostgreSQL 9.2.x, you will need to modify the major/minor build number set by the ops_postgresqlInstallDIR variable in the InstallOpsServer.bat file.

g. Message Simulator

- i. Download the ArcGIS Qt Message Simulator (10.2.2.1) from the [ArcGIS for the Military download page](#).
- ii. Extract the .exe and dlls from the AFM-ArcGISQtMessageSimulator_10.2.2.1.zip file and place in the
OPSServerInstall\Software\MessageSimulator\MessageSimulator folder.

h. Operations Dashboard Deployment Utility

- i. Download the deployment utility.
 1. Please see the following link for more information on the download:
http://doc.arcgis.com/en/operations-dashboard/windows-desktop/author/portal-deploy.htm#ESRI_SECTION1_7B50BB5EFA14FAC964A4E9D5CC35FA8

NOTE: you don’t need to perform the “Create the Operations Dashboard files” and “Copy the files to your portal” steps listed in this link, as the ops-server-config scripts will perform these tasks, however, you will need to perform the step “Create an item on the portal” after Portal for ArcGIS has been installed.

2. Copy the OperationsDashboardUtility.exe and the other downloaded files to the OPSServerInstall\Software\OpsDashboardUtility folder.
 - ii. Code-signing certificate
 1. Create a code-signing certificate and copy the certificate to the "Certificate" folder.
 2. Edit the OPSServerInstall\Software\ops-server-config\Install\OpsDashboardUtility\CreateOneClickInstaller.bat file; replace "TODO_CHANGE_CERT_FILENAME.pfx" with the name of your code signing certificate; replace "TODO_CHANGE_CERT_PASSWORD" with your code signing certificate password.
 - i. Portal for ArcGIS
 - i. Double-click the Portal_for_ArcGIS_Windows_103_144656.exe file to unpack the installation files.
 - ii. Copy the unpacked files/folders to the OPSServerInstall\Software\PortalForArcGIS folder.
 - j. Web Adaptor for IIS
 - i. Double-click the Web_Adaptor_for_Microsoft_IIS_103_142112.exe file to unpack the installation files.
 - ii. Copy the unpacked files/folders to the OPSServerInstall\Software\WebAdaptorIIS folder.
- 3) Follow the instructions in the *Ops Server Installation Guide* to use the ops-server-config repo scripts to install the software.

Content Publishing Preparation