# SOLR Server Installation

### Installing SOLR Server

1. Download SOLR from <http://lucene.apache.org/solr/mirrors-solr-latest-redir.html>
2. Copy the Project Configuration Folder to \[solr-root-dir]\server\solr\configsets.

Or create a new Configuration by copying and renaming the data\_driven\_schema\_configs folder located in the directory above.

### Starting SOLR Server

1. Open a command prompt in the \[solr-root-dir]\bin folder
2. Run the following command
   1. solr start -e cloud –noprompt
3. Browse to localhost:8983 to confirm SOLR has started

### Managing Configuration Set

1. To create a new Configuration or to update a Configuration use the following steps.
   1. Open a command prompt in the folder \[solr-root-dir]\server\scripts\cloud-scripts
   2. Run the following script to upload a configuration to SOLR

zkcli.bat -zkhost 127.0.0.1:9983 -cmd upconfig -confname [CONFIG NAME] -confdir [CONFIG DIR]

1. To download a configuration use the command above but change “–cmd upconfig” to “–cmd downconfig”.
2. It’s Important to note that any changes made to the configuration while live after the last upload will be lost if the configuration is upload again. So when making changes to the configuration you should first download the latest configuration from the SOLR server.

### Setting up the SOLR Index

1. Create a new Collection
   1. From solr

### Creating a PowerShell startup script for SOLR

$trigger = New-JobTrigger -AtStartup -RandomDelay 00:00:30

Register-ScheduledJob -Trigger $trigger -FilePath C:\\_installs\scripts\SolrStart.ps1 -Name SolrStart

### Security Settings

Set-ExecutionPolicy Unrestricted

Open Firewall