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# Web Services and Applications Migration Guide

Upgrading from 8.5.201.61 to 8.5.203.03

# Upgrading from 8.5.201.61 to 8.5.203.03

Use this procedure to upgrade from 8.5.201.61.

1. Stop Web Services and Applications on the node.
2. Migrate to OpenJDK 8 according to [Migrating to OpenJDK 1.8.0](#).
3. Copy the `installation_CD/gws-8.5.203.03.noarch.rpm` file to a local folder.
4. Perform the upgrade using the RPM package manager:

```
rpm -Uvh [--prefix installation_location] gws-8.5.203.03.noarch.rpm
```

5. Update the Cassandra schema:

- If you are using Cassandra 2.x:
  - Copy the `cf-schema-8.5.201.84.cql` file from `/installation_path/gws/data/updates` to the Cassandra node host.
  - Run the following command:  

```
cqlsh cassandra_host --file cf-schema-8.5.201.84.cql
```
  - Copy the `cf-schema-8.5.202.34.cql` file from `/installation_path/gws/data/updates` to the Cassandra node host.
  - Run the following command:  

```
cqlsh cassandra_host --file cf-schema-8.5.202.34.cql
```
  - Copy the `cf-schema-8.5.202.81.cql` file from `/installation_path/gws/data/updates` to the Cassandra node host.
  - Run the following command:  

```
cqlsh cassandra_host --file cf-schema-8.5.202.81.cql
```
- If you are using Cassandra 1.2:
  - Copy the `cf-schema-8.5.201.84.txt` file from `/installation_path/gws/data/updates` to the Cassandra node host.
  - Run the following command:  

```
cassandra_install_dir/bin/cassandra-cli -h cassandra_host --file cf-schema-8.5.201.84.txt
```
  - Copy the `cf-schema-8.5.202.34.txt` file from `/installation_path/gws/data/updates` to the Cassandra node host.
  - Run the following command:  

```
cassandra_install_dir/bin/cassandra-cli -h cassandra_host --file cf-schema-8.5.202.34.txt
```
  - Copy the `cf-schema-8.5.202.81.txt` file from `/installation_path/gws/data/updates` to the Cassandra node host.

- Run the following command:

```
cassandra_install_dir/bin/cassandra-cli -h cassandra_host --file cf-  
schema-8.5.202.81.txt
```

6. Start Web Services and Applications according to [Starting and testing](#).

7. After all Web Services and Applications nodes are upgraded and started, update Elasticsearch:

- If you use embedded Elasticsearch, run the following script on *one* Web Services and Applications node:

```
/installation_path/gws/tools/rebuild-es-index.sh
```

- If you use standalone Elasticsearch:

- Copy files from the `/installation_path/gws/elasticsearch/templates` folder to the `templates` folder on each Elasticsearch node.
- Run the following script on *one* Web Services and Applications node:

```
/installation_path/gws/tools/rebuild-es-index.sh
```