Upgrade Process Map for an N-Tier Setup

In an n-tier setup, RiskVision is distributed to multiple servers. To ensure a successful upgrade, select the most appropriate scenario in the the "*Deployment Scenarios*" section, then follow the instructions specific to that scenario.

Deployment Scenarios

Scenario for two-tier: Case A

Host A	Host B
Apache Web Server RiskVision Tomcat Application Server Database (MySQL or Oracle)	RiskVision Report Server

Upgrade steps for two-tier: Case A

When	Map
7.5.x, 8.0, 8.5x, 9.0 to 9.1	Step 1: Download the new files required for upgrade. See Downloading New Files . Step 2: Oracle Database Upgrade . Ignore this step if you are using a MySQL database. Step 3: Back up the database. For MySQL, see Backing up the MySQL Database . If you're using an Oracle database, ask your database administrator to perform the back up. Step 4: Backing up the RiskVision Configuration . Step 5: Preparing for an Upgrade . Step 6: On Host A, run the RiskVision Upgrade Installer by selecting the **Web Server (Apache HTTP Server), Application Server (Apache Tomcat)** and **Database Server (MySQL or Oracle Database)** components. Step 7: On Host B, run the RiskVision Upgrade Installer, by selecting the **Report Server (TIBCO Jasper-Reports Server)** component. Step 8: Customization Upgrade Note . Step 9: Replacing and Reverting the MySQL Configuration - perform this step if you are using a MySQL database. Setting up the Oracle Database - perform this step if you are using an Oracle database.

When	Map

Scenario for two-tier: Case B

Host A	Host B
Apache Web Server	Database (MySQL or Oracle)
RiskVision Tomcat Application Server	
RiskVision Report Server	

Upgrade steps for two-tier: Case B

When	Map
7.5.x, 8.0, 8.5x, 9.0 to 9.1	Step 1: Downloading New Files . Step 2: Oracle Database Upgrade . Ignore this step if you are using a MySQL database. Step 3: Back up the database. For MySQL, see Backing up the MySQL Database . If you're using an Oracle database, ask your database administrator to perform the back up. Step 4: Backing up the RiskVision Configuration . Step 5: Preparing for an Upgrade . Step 6: On Host A, run the RiskVision Upgrade Installer by selecting the **Web Server (Apache HTTP Server)**, **Application Server (Apache Tomcat)** and **Report Server (TIBCO JasperReports Server)** components. Step 7: On Host B, run the RiskVision Upgrade Installer by selecting and **Database Server (MySQL or Oracle Database)** components. Step 8: Customization Upgrade Note . Step 9: Replacing and Reverting the MySQL Configuration - perform this step if you are using a MySQL database. Setting up the Oracle Database - perform this step if you are using an Oracle database.

Scenario for three-tier: Case A

Host A	Host B	Host C
Apache Web Server RiskVision Tomcat Application Server	Database (MySQL or Oracle)	RiskVision Report Server

Upgrade steps for three-tier: Case A

When	Map
7.5.x, 8.0, 8.5x, 9.0 to 9.1	Step 1: Downloading New Files . Step 2: Oracle Database Upgrade . Ignore this step if you are using a MySQL Database. Step 3: Back up the database. For a MySQL database, see Backing up the MySQL Database . If you are using an Oracle database, ask your database administrator to perform the back up. Step 4: Backing up the RiskVision Configuration . Step 5: Preparing for an Upgrade . Step 6: On Host A, run the RiskVision Upgrade Installer by selecting the **Web Server (Apache HTTP Server)**, and **Application Server (Apache Tomcat)**. Step 7: On Host B, run the RiskVision Upgrade Installer by selecting the **Database Server (MySQL or Oracle Database)** component. Step 8: On Host C, run the RiskVision Upgrade Installer by selecting the **Report Server (TIBCO Jasper-Reports Server)** component. Step 9: Customization Upgrade Note . Step 10: Replacing and Reverting the MySQL Configuration - perform this step if you are using a MySQL database. Setting up the Oracle Database - perform this step if you are using an Oracle database.

Scenario for three-tier: Case B

Host A	Host B	Host C

Host A	Host B	Host C
Apache Web Server	RiskVision Tomcat Application Server	Database (MySQL or Oracle) RiskVision Report Server

Upgrade steps for three-tier: Case B

When	Map
7.5.x, 8.0, 8.5x, 9.0 to 9.1	Step 1: Downloading New Files . Step 2: Oracle Database Upgrade . Ignore this step if you are using a MySQL database. Step 3: Back up the database. For a MySQL database, see Backing up the MySQL Database . Ifyou are using an Oracle database, ask your database administrator to perform the back up. Step 4: Backing up the RiskVision Configuration . Step 5: Preparing for an Upgrade . Step 6: On Host B, run the RiskVision Upgrade Installer by selecting the **Application Server (Apache Tomcat)** component. Step 7: On Host A, run the RiskVision Upgrade Installer by selecting the **Web Server (Apache HTTP Server)** component. Step 8: Run the RiskVision installer, by selecting the **Report Server (TIBCO JasperReports Server)** and **Database Server (MySQL or Oracle)** component, on Host C. Step 9: Customization Upgrade Note . Step 10: Replacing and Reverting the MySQL Configuration - perform this step if you are using a MySQL database. Setting up the Oracle Database - perform this step if you are using an Oracle database.

Scenario for four-tier:

Host A	Host B	Host C	Host D
Apache Web Server	RiskVision Tomcat Application Server	Database (MySQL or Oracle)	RiskVision Report Server

Upgrade steps for four-tier:

When	Map
7.5.x, 8.0, 8.5x, 9.0 to 9.1	Step 1: Downloading New Files . Step 2: Oracle Database Upgrade . Ignore this step if you are using a MySQL database. Step 3: Back up the database. For a MySQL database, see Backing up the MySQL Database . Ifyou are using an Oracle database, ask your database administrator to perform the back up. Step 4: Backing up the RiskVision Configuration . Step 5: Preparing for an Upgrade . Step 6: On Host B, run the RiskVision Upgrade Installer by selecting the **Application Server (Apache Tomcat)** component. Step 7: On Host A, run the RiskVision Upgrade Installer by selecting the **Web Server (Apache HTTP Server)** component. Step 8: On Host C, run the RiskVision Upgrade Installer by selecting the Database Server (MySQL or Oracle Database) component. Step 9: On Host D, run the RiskVision Upgrade Installer by selecting the **Report Server (TIBCO Jasper- Reports Server)** component. Step 10: Customization Upgrade Note . Step 11: Replacing and Reverting the MySQL Configuration - perform this step if you are using a MySQL database. Setting up the Oracle Database - perform this step if you are using an Oracle database.