How to setup a QDS Cluster with QV v10?

Assumption:

Installation is done on Windows Server 2008 R2 machines

Prerequisites

Following requirements have to be met before starting the QDS cluster configuration:

- A QV Publisher Server license allowing QVS clustering
  That means that the Publsiher LEF must consist of an entry **"NUMBER_OF_XS;X;** where X is 2 or higher
- Accesspoint (based on IIS or QWS), Management Service, QVS, QDC are already installed on QV system in the network
- A domain user to run the QV services on every machine is available
- A shared device like NAS, SAN, Network-Share etc.
  All QDC cluster nodes need read /write access to the following data centrally stored:
  - Publisher status, configuration and log files
  - QlikView Source Documents

Step-by-Step Installation
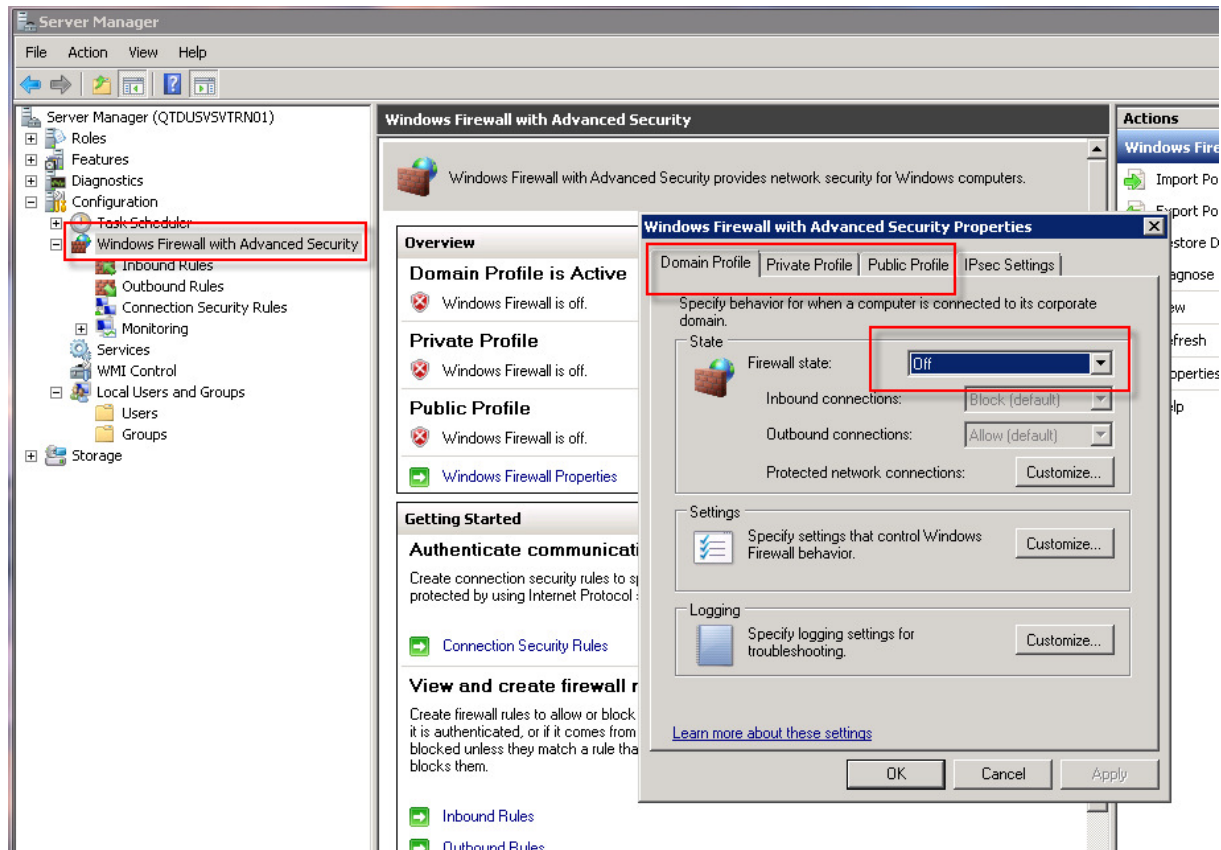
1. Prepare the shared device
   Create folders for the files accessed by every ODS cluster node; e.g.:

- *QDsSettings* for the Application Folder
- *QVStorage\Private* for the Source Document Folder
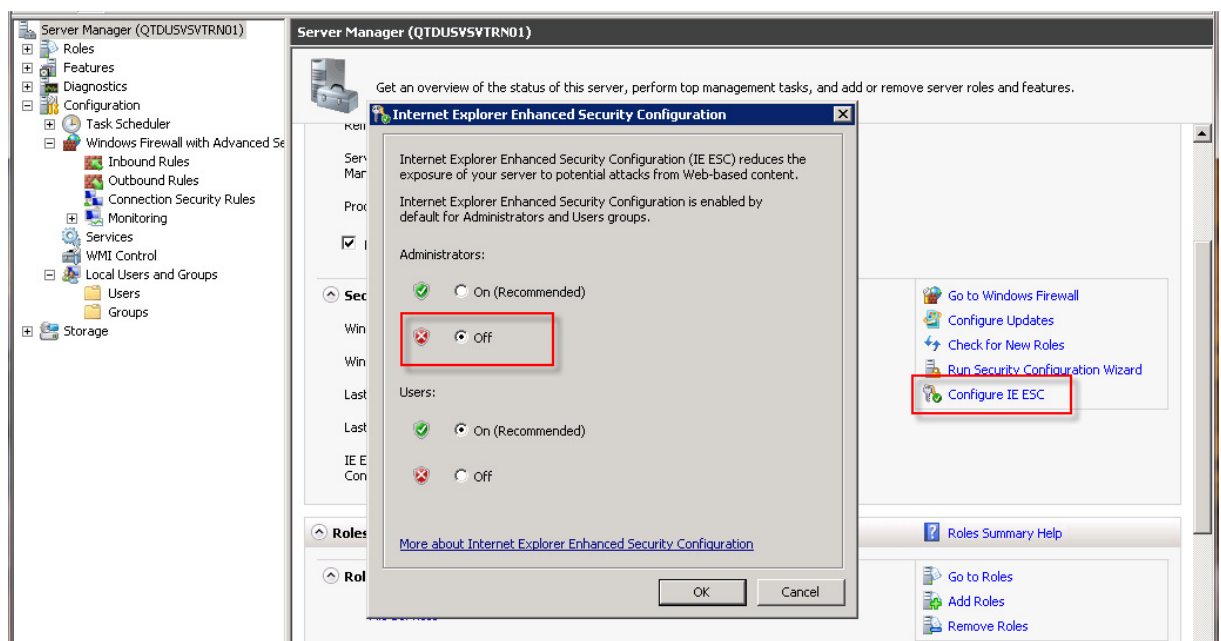
2. Prepare the cluster nodes

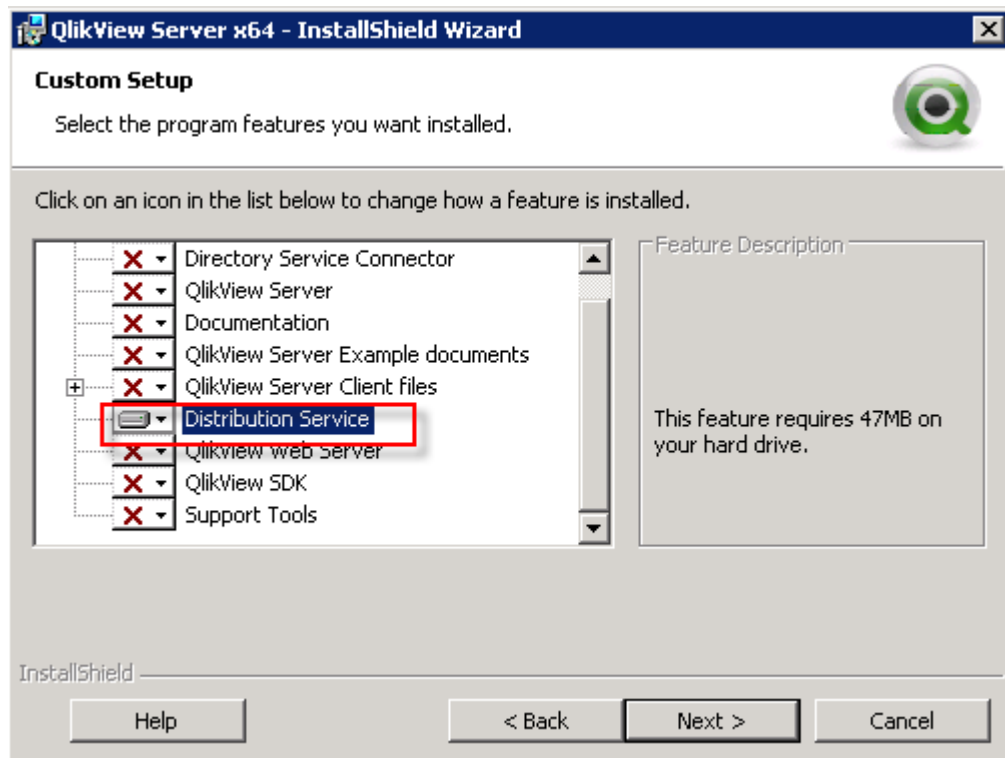   On each planned QDS cluster node perform the following configuration

    - Login as Administrator
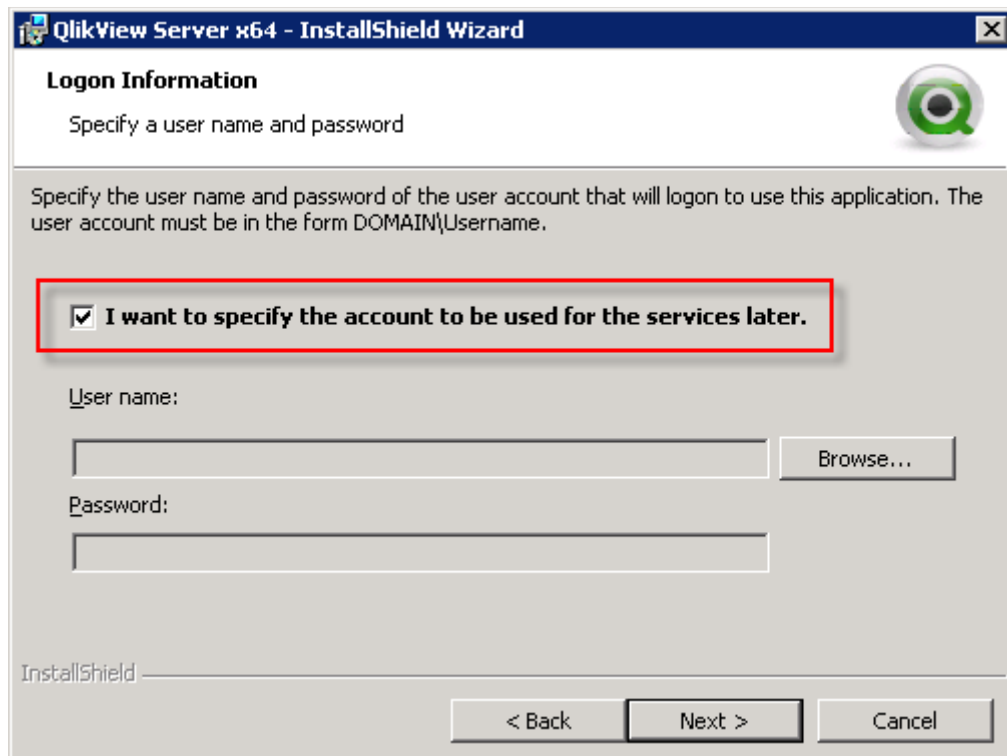   - Turn Off Windows Firewall

    - Deactivate Internet Explorer Enhanced Security Configuration for Administrators

- Add Domain User the QV services should use to Local Administrators Group
- Start QV x64 server setup and install feature "Distribution Service" only

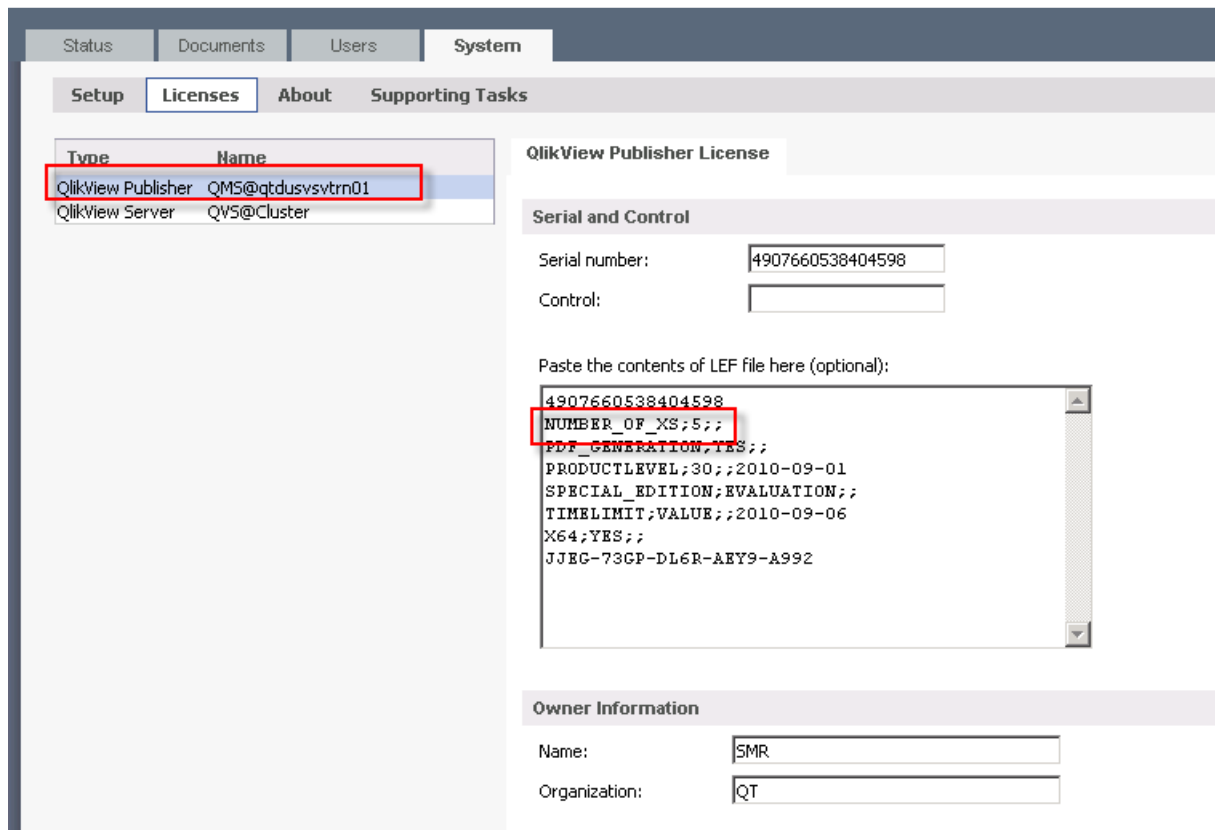- During the setup check that you will specify the QV service account later (QV RC2 bug)

- Do not restart the system immediately after install is completed, but
  - Add QV service user to "QlikView Administrator Group"
  - Change Logon setting of the QV Server Service to the QV Service user

- "Now" restart the system

3. Configure QDS-Cluster in QEMC

   - Open QEMC and register QV Publisher license with activated cluster nodes

   - Add first QDS cluster node below Distribution Services

- Switch Application Data Folder & Source Folders to Shared Device folder paths using UNC-syntax

- Press Apply and restart QDS service manually
- Add each additional QDS cluster node in URL format

- Press Apply and restart QDS service on all nodes manually
- Verify all QDS nodes are running