How to setup a QVS Cluster with QV v10?

Assumption:

Installation is done on Windows Server 2008 R2 machines

Prerequisites

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

- A QV Server license allowing QVS clustering
  That means that the QVS LEF must consist of an entry **"NUMBER_OF_CLUSTER_NODES;X;;"**
  where X is 2 or higher
- Accesspoint (based on IIS or QWS), Management Service, QDS, DSC 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 QVS cluster nodes need read /write access to the following data centrally stored:
    - Server status files aka .pgo
    - QlikView Documents aka QVWs
    - QlikView Server Logs aka audit, session, performance, event logs

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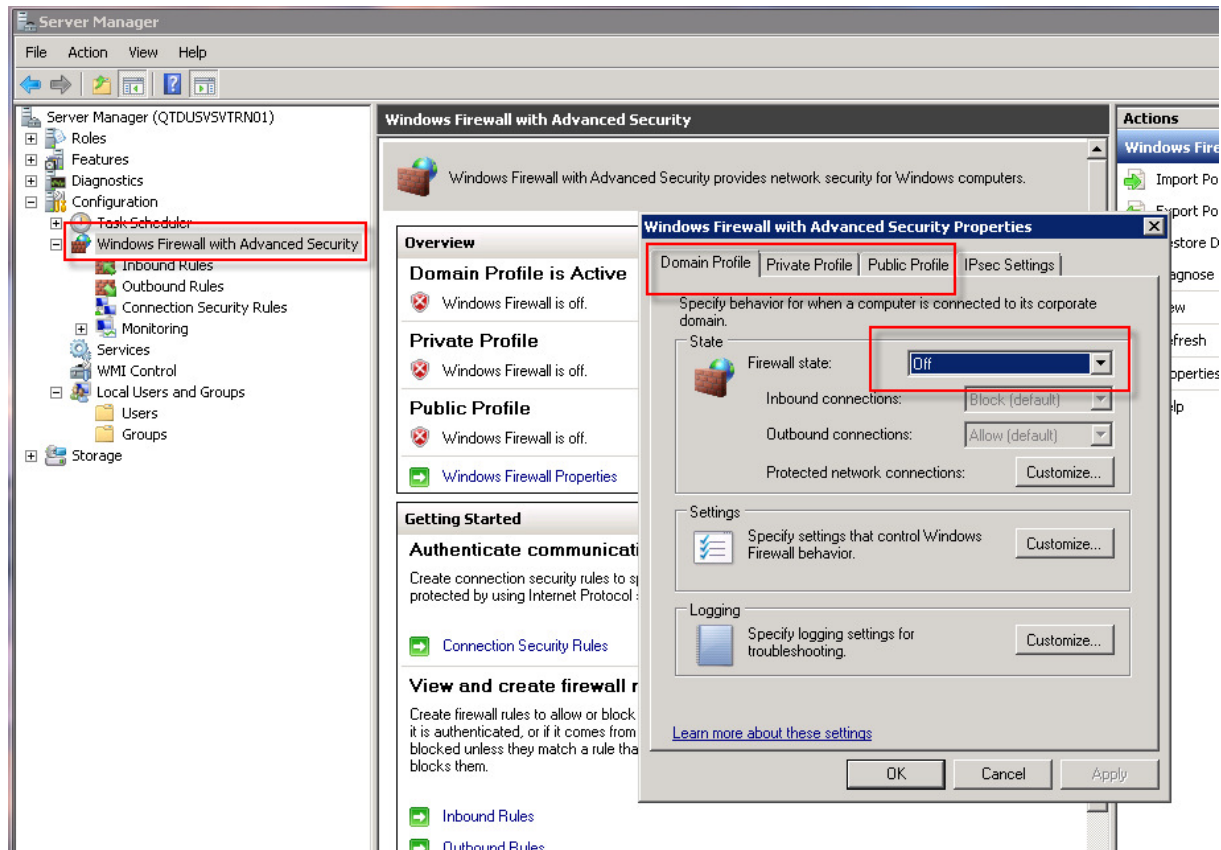
1. Prepare the shared device
    Create folders for the files accessed by every OVS cluster node; e.g.:

- *QVsSettings* for the .pgo-Files
- *QVStorage\Public* for a Mounted Folder
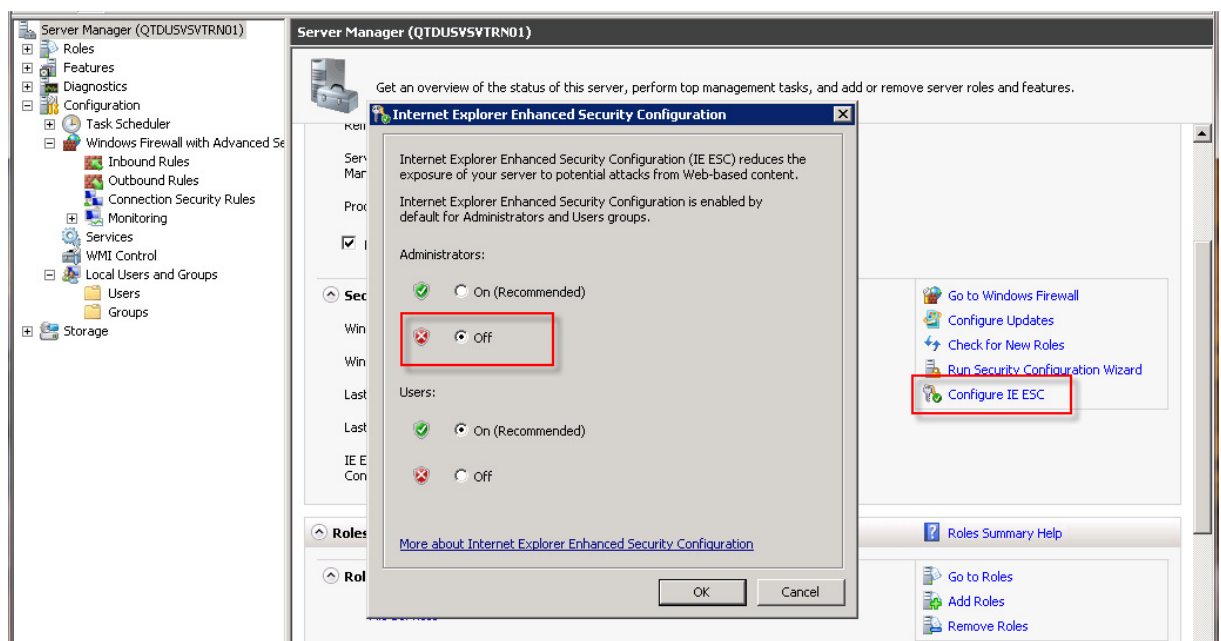- *QVsLogs* for the Logfiles

2. Prepare the cluster nodes

   On each planned QVS cluster node perform the following configuration
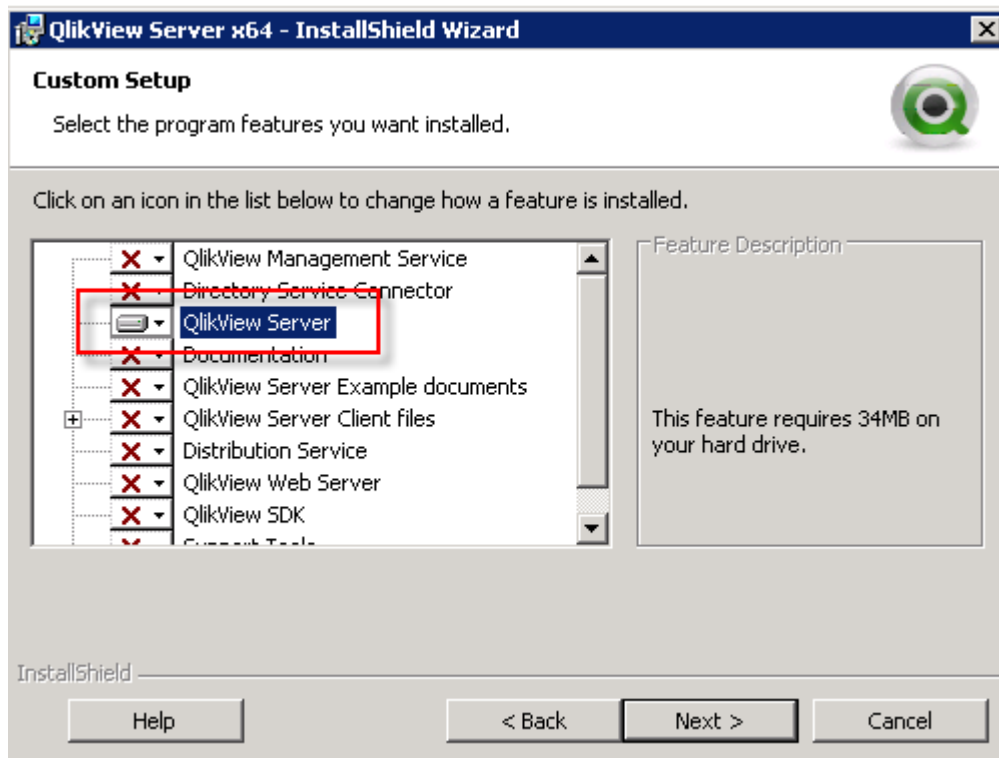
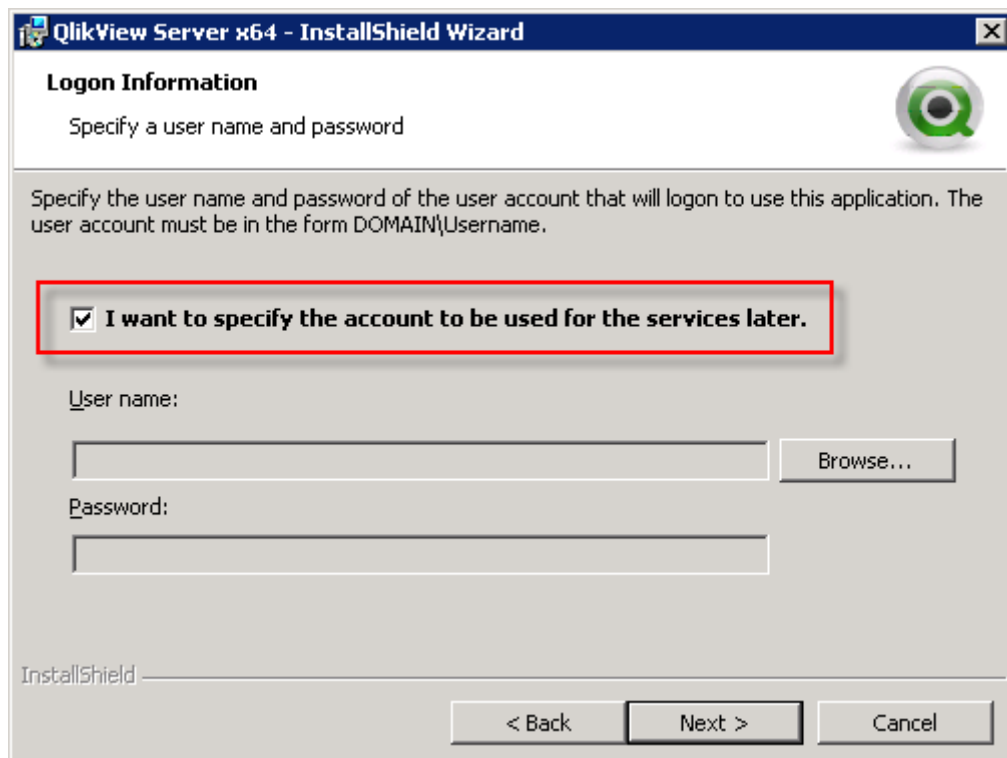   - Login as Administrator
   - Turn Off Windows Firewall

   - 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 "QlikView Server" 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 QVS-Cluster in QEMC

- Open QEMC and register QV Server licence with activated cluster nodes

- Add first QVS cluster node below QlikView Servers
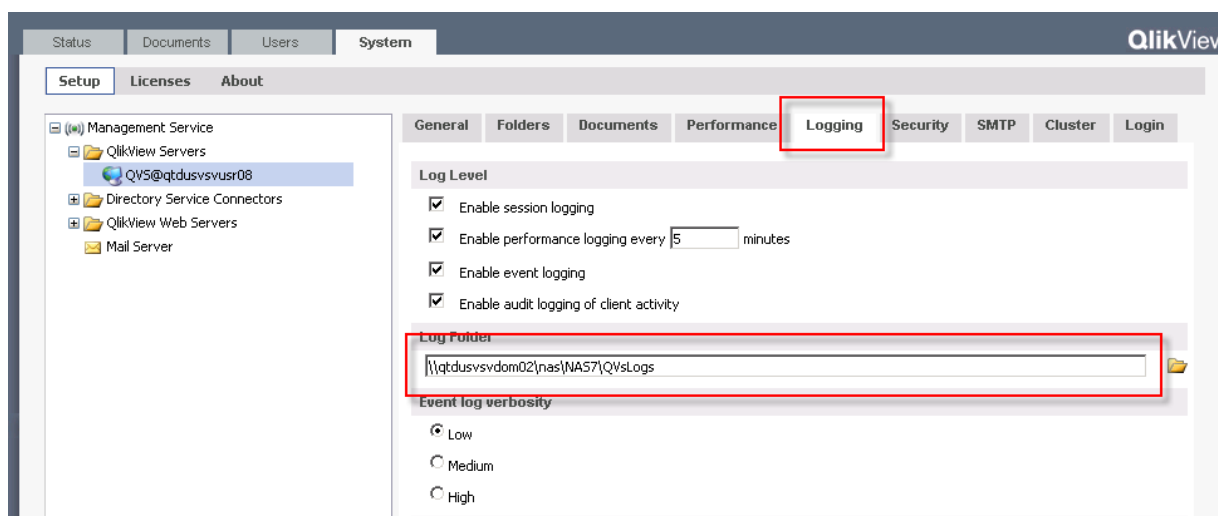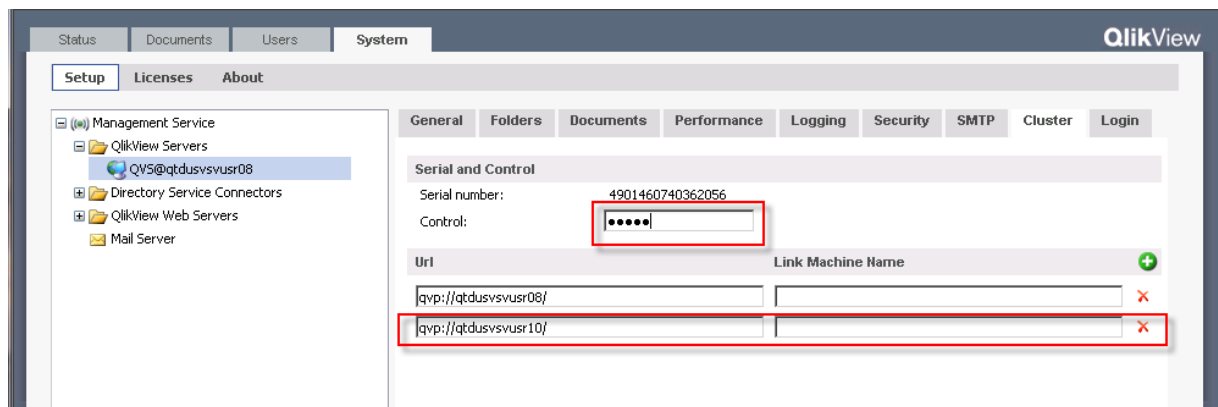
- Switch Root Folder & Mounted Folders to Shared Device folder pathes using UNC-syntax
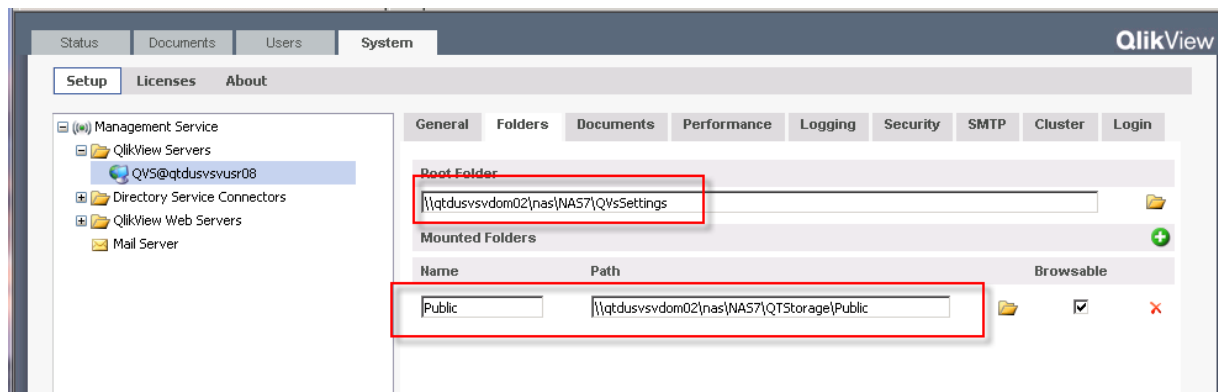
- Switch Log Folder to Shared Device folder path using UNC-syntax

- Press Apply and let QEMC initiate restart of QVS service
- Add each additional QVS cluster node and activate them by entering Control number of the registered QVS license

- Press Apply and let QEMC initiate restart of QVS service on all nodes
- Verify all QVS nodes are running

- Configure LoadBalancing feature (Functionality s. QVS Reference Manual)