

VisualSVN on Windows Azure Virtual Machine

A quick start guide

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Preparing the Virtual Machine

The screenshot shows the 'NEW' page in the Windows Azure Management portal. The left sidebar contains navigation options: COMPUTE, DATA SERVICES, APP SERVICES, NETWORKS, and STORE. The main area is divided into three columns: 'WEB SITE' (PREVIEW), 'VIRTUAL MACHINE' (PREVIEW), and 'QUICK CREATE'. The 'VIRTUAL MACHINE' option is selected. The right-hand configuration panel includes the following fields:

- DNS NAME:** marcotest2 (with a red warning icon and '.cloudapp.net' suffix)
- IMAGE:** Windows Server 2012, R2 (dropdown menu)
- SIZE:** Extra Small (Shared core) (dropdown menu)
- USER NAME:** Administrator
- NEW PASSWORD:** [Redacted]
- CONFIRM:** [Redacted]
- LOCATION:** West Europe (dropdown menu)

Create a new Windows Server VM on the Windows Azure Management portal

Preparing the Virtual Machine

1

ADD ENDPOINT ✕

Specify the details of the endpoint

NAME

PROTOCOL

PUBLIC PORT

PRIVATE PORT

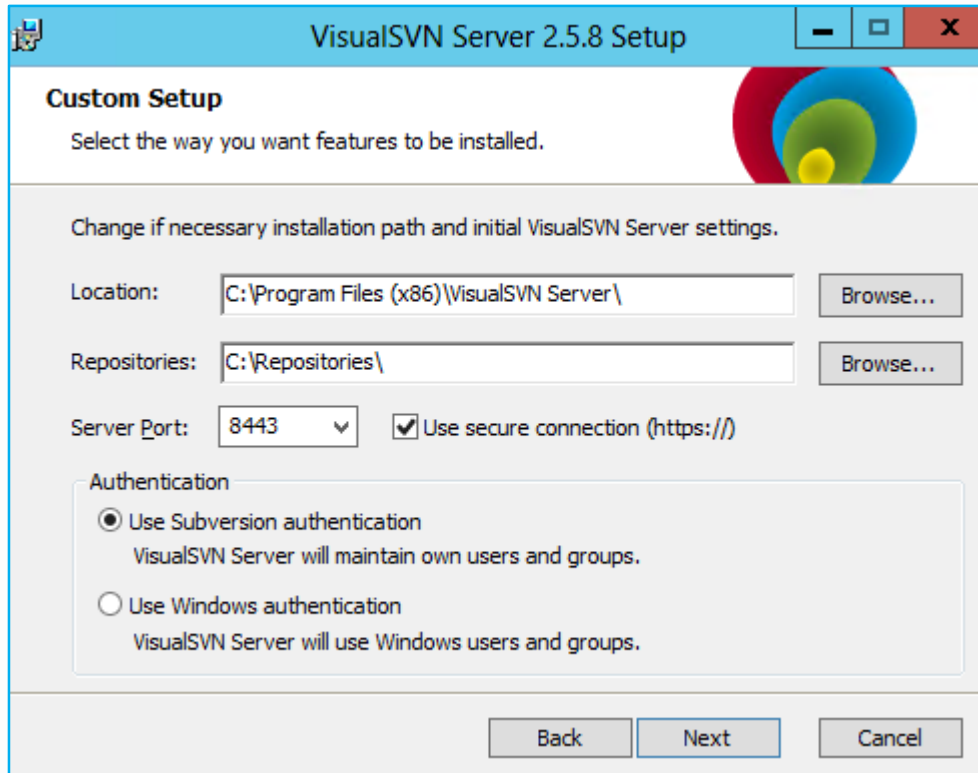
- Navigate to the Endpoints tab for the newly created VM
- Add a new endpoint for the VisualSVN server on the port 8443

marcotest2 preview

DASHBOARD ENDPOINTS CONFIGURE

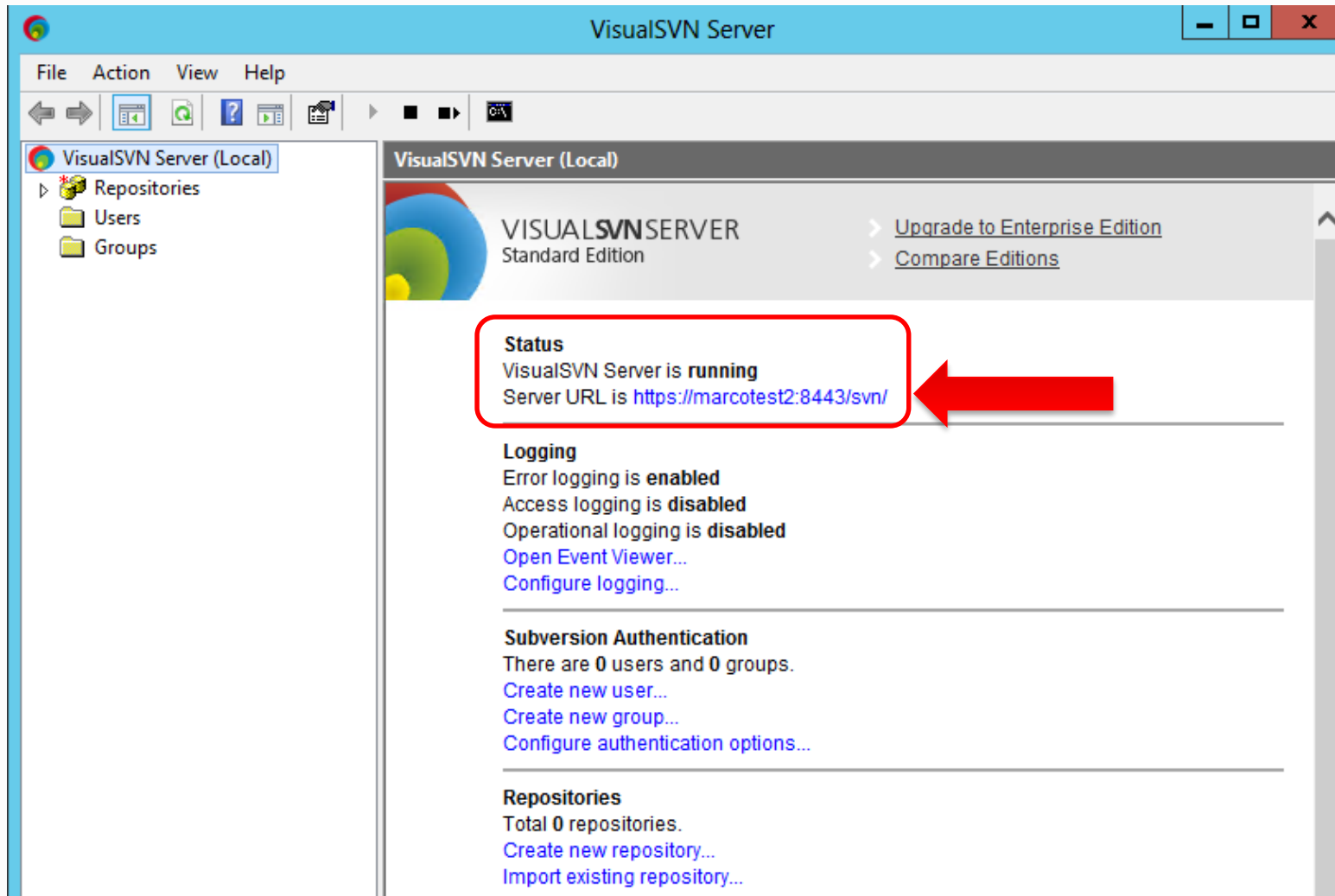
	NAME	PROTOCOL	PUBLIC PORT	PRIVATE PORT
✓	RemoteDesktop	TCP	3389	3389
✓	VisualSVN	TCP	8443	8443

Installing VisualSVN Server



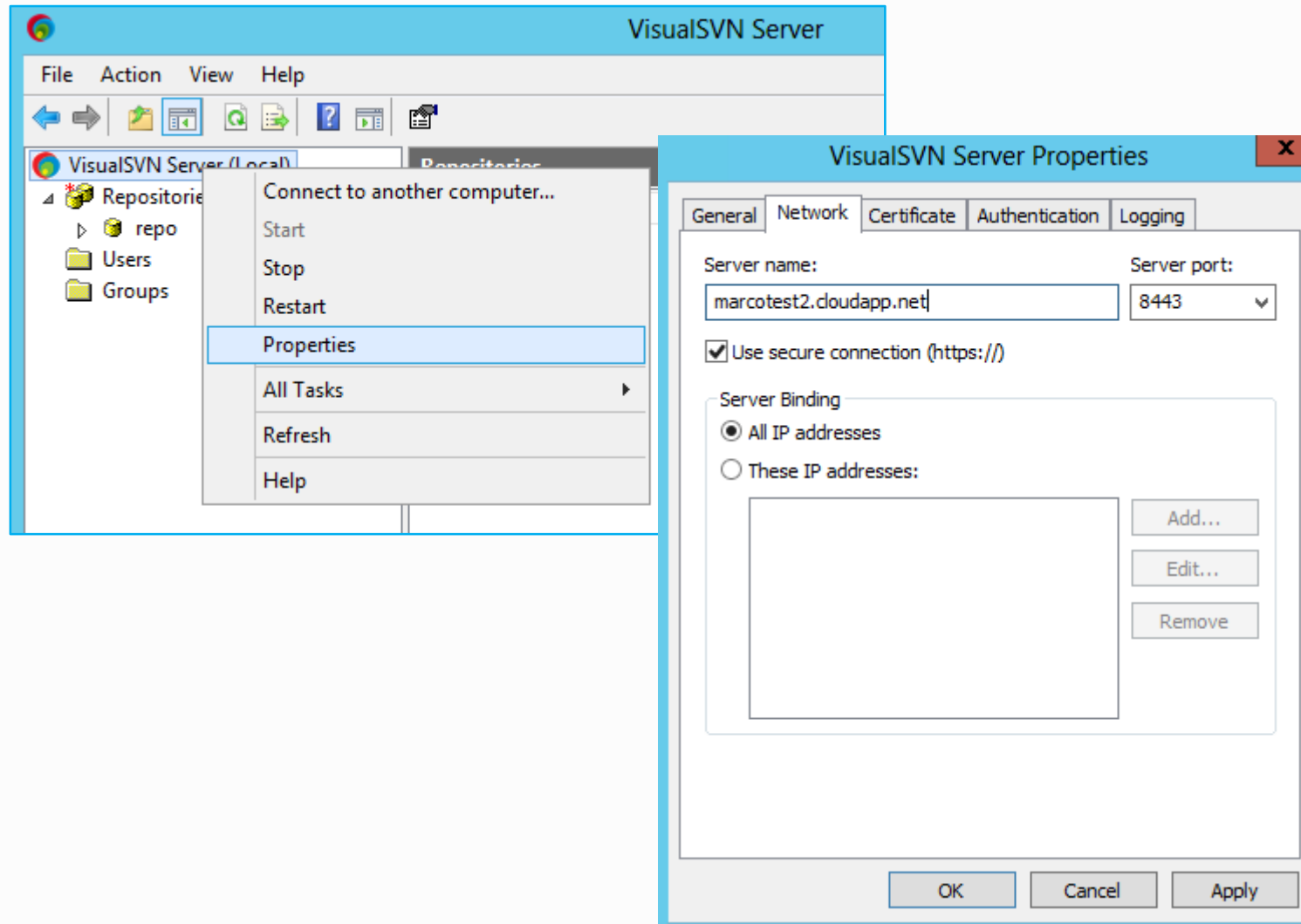
- Connect to the VM via RDP connection through the Management Portal
- Download and install VisualSVN server on the VM
 - Configure the server to respond on port 8443
 - Use defaults for all other parameters
- The installer automatically inserts an Inbound Rule in Windows Firewall for TCP connections on port 8443

Installing VisualSVN Server



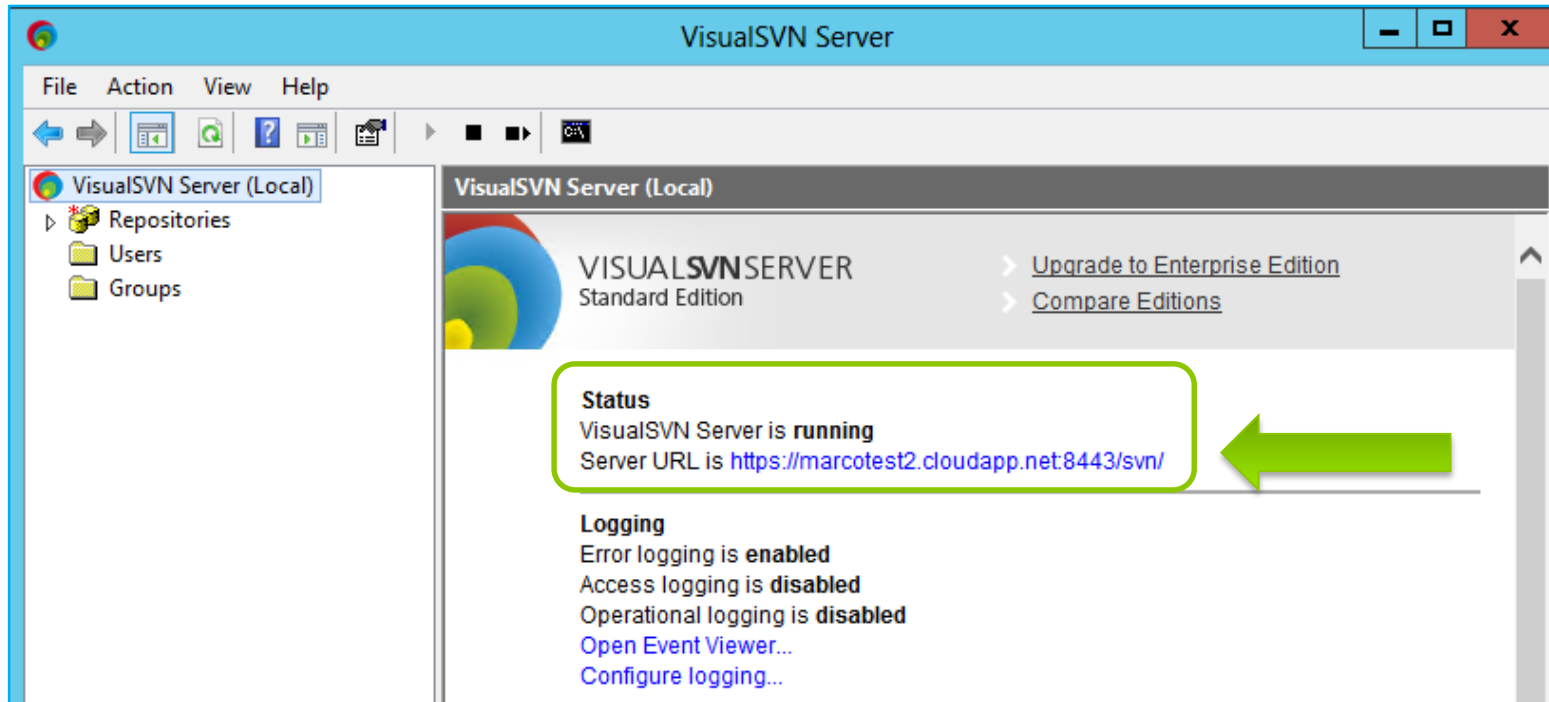
- Start VisualSVN Server Manager
- The Server URL automatically selected for the server does not correspond to the VM URL assigned by Windows Azure

Configure Server URL



- Open VisualSVN Server Properties
- Insert the Windows Azure VM URL as Server Name in the Network tab
- Apply the changes. If the server doesn't automatically restart, force restart

Configure Server URL



- Check that the Server URL has been correctly updated

Configure Server Users

- Create SVN Users

The image illustrates the steps to create a new user in VisualSVN Server:

- Step 1:** The VisualSVN Server application window is shown. The left sidebar displays 'VisualSVN Server (Local)' with a tree view containing 'Repositories'. A right-click context menu is open over 'Repositories', and the 'Create User...' option is selected.
- Step 2:** A 'Create New User' dialog box is displayed. It contains three input fields: 'User name:' with the text 'marco', 'Password:' with masked characters, and 'Confirm password:' with masked characters. Below the fields is an information icon and the text 'User name and password are case sensitive.' At the bottom are 'OK' and 'Cancel' buttons.
- Step 3:** The VisualSVN Server application window is shown again. The left sidebar now includes 'Users' in addition to 'Repositories'. The 'Users' list in the main pane contains one entry: 'marco'.

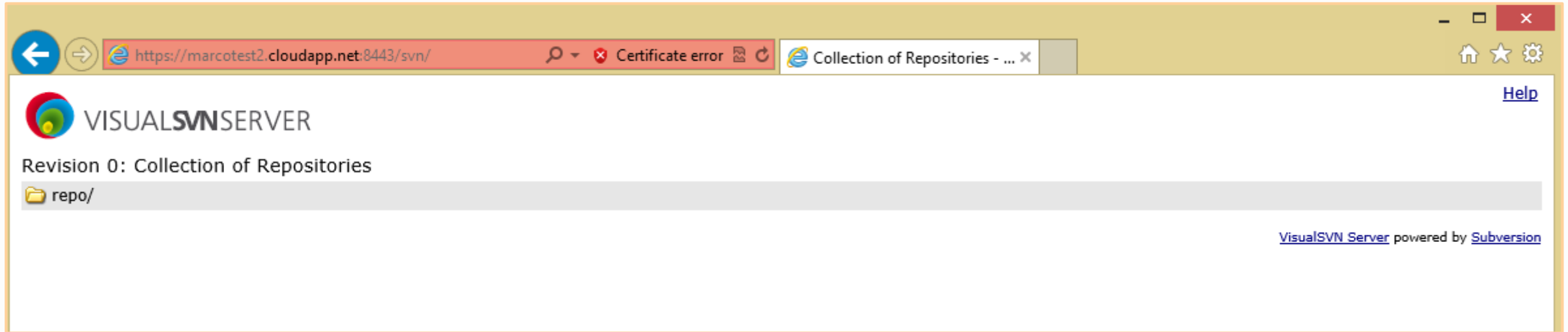
Create Server Repositories

- Create SVN Repositories

The image illustrates the steps to create a new SVN repository in VisualSVN Server:

- Right-click on the **Repositories** folder in the left-hand tree view and select **Create New Repository...**
- In the **Create New Repository** dialog box:
 - Enter the **Repository Name**: `repo`
 - Enter the **Repository URL**: `https://marcotest2:8443/svn/repo`
 - Check the **Create default structure (trunk, branches, tags)** checkbox.
- Click **OK** to create the repository. The new repository `repo` is now visible in the tree view, and its default structure (branches, tags, trunk) is shown in the right-hand pane.

Connecting to the Repositories



- On the client PC the repositories are now available through your preferred SVN client at the URL [https://\[yourVMName\].cloudapp.net:8443/svn/\[yourRepoName\]](https://[yourVMName].cloudapp.net:8443/svn/[yourRepoName]) for your specific SVN users

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