VBrick EᴛʜᴇʀɴᴇTV

Ethernet TV VOD-WM Video on Demand Server

VBrick v4.2.1 VOD-WM Server Release Notes

VBrick

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About VBrick Systems

Founded in 1997, VBrick Systems, an ISO 9001 certified vendor, is a privately held company that has enjoyed rapid growth by helping our customers successfully introduce mission critical video applications across their enterprise networks. Since our founding, VBrick has been setting the standard for quality, performance and innovation in the delivery of live and stored video over IP networks—LANs, WANs and the Internet. With thousands of video appliances installed world-wide, VBrick is the recognized leader in reliable, high-performance, easy-to-use networked video solutions.

VBrick is an active participant in the development of industry standards and continues to play an influential role in the Internet Streaming Media Alliance (ISMA), the MPEG Industry Forum, and Internet2. In 1998 VBrick invented and shipped the world's first MPEG Video Network Appliance designed to provide affordable DVD-quality video across the network. Since then, VBrick's video solutions have grown to include Video on Demand, Management, Security and Access Control, Scheduling, and Rich Media Integration. VBrick solutions are successfully supporting a broad variety of applications including distance learning and training, conferencing and remote office communications, security, process monitoring, traffic monitoring, business and news feeds to the desktop, webcasting, corporate communications, collaboration, command and control, and telemedicine. VBrick serves customers in education, government, healthcare, and financial services markets among others.

VOD-WM v4.2.1 Release Notes

This document contains Release Notes for VBrick's EtherneTV v4.2.1 VOD-WM server. Any information contained in this document is VBrick Systems customer confidential and should not be reproduced or distributed to non-VBrick customers. This document has the following information:

What's New

- This release changes the FTP User Name and Password from anonymous/anonymous to vbrickuser/vbrickuser.
- This release removes the Windows Administrator password.

Table 1. VOD-WM Server Specifications

Model	Hardware †	Software ††	Content Drives (Internal)	Content Drives (External) †††
Basic	Dell 1950	Standard Edition	1–2 (300GB)	5 drives per 1.5TB (13.5TB max) Hardware RAID5
Basic	Dell 1950	Enterprise Edition	1–2 (300GB)	
Advanced	Dell 2950	Standard Edition	4 (146GB) Hardware RAID5	
Advanced	Dell 2950	Enterprise Edition (supports multicast)	4 (146GB) Hardware RAID5	

†   Dell PowerEdge Server (rack-mounted)
††   Microsoft Windows Server 2003
†††   Dell MD1000 SAS with 1.5TB – 13.5TB (3 x 4.5TB)

Compatibility

This VOD-WM Server v4.2.1 release is compatible with:

- VB6000 WM Network Video Appliances with VBDNA 1.0 or higher.
- EtherneTV Portal Server v3.2 or higher.
- StreamPlayer 4.3 or higher.

Default FTP Configuration

The default FTP accounts have changed on the VOD-WM as shown in Figure 1. The FTP parameters will not match when:

* running Portal Server 4.2.1 with VOD-WM servers shipped prior to 11 Apr 07.
* running Portal Server 4.2.0 or earlier with VOD-WM servers shipped after 11 Apr 07 (including VOD-WM v4.2.1).

In the case of a mismatch, reconfigure the Portal Server with the correct FTP username and password in the Portal Server Admin console (Go to **Global Settings > Servers** and select the VOD Server).

Table 1. Default FTP Accounts

	Shipped prior to 11 Apr 07	**Shipped after 11 Apr 07 (including v4.2.1)**
User name	anonymous	vbrickuser
Password	anonymous	vbrickuser

Features

The WM server is part of VBrick's EtherneTV family of products which includes the ETV Portal Server, the WM Network Video Appliance, the Scheduler, and the Network Video Recorder (NVR). The VOD-WM is built on a Dell hardware platform and delivers stored Windows Media assets as unicast/multicast streams across an Ethernet network. The VOD-WM Server supports Windows Media assets and is seamlessly integrated with VBrick's ETV Portal Server. The VOD-WM Server supports FF and Rewind.

Installation

The VOD-WM server is shipped from VBrick with Windows 2003 Server (Standard or Enterprise Edition) and all VOD-WM software already installed. If you need to re-install the software for any reason, contact VBrick Support Services.

Changing the Default FTP Password

VBrick strongly recommends you change the default FTP password after the VOD-WM server is installed. The default user name/password is vbrickuser/vbrickuser. *You must change the password in three different places as explained below: Computer Management, Internet Information Services (IIS), and in ETV Portal Server.*

▼ To change the FTP password in **Computer Management**:

1. Get a new password from your system administrator.
2. Go to **Start > Control Panel > Administrative Tools > Computer Management**.
3. Highlight **Local Users and Groups** and double-click on **Users** in the right pane.
4. Right-click on vbrickuser and select **Set Password**. Click **OK** when done.
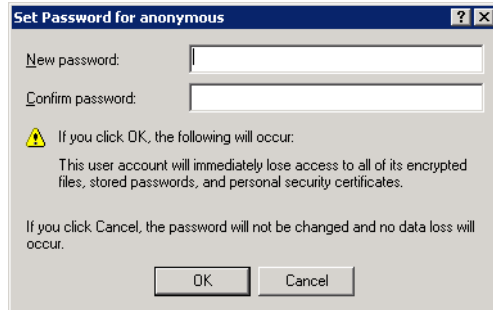
▼ To change the FTP password in **IIS**:

1. Go to **Start > Control Panel > Administrative Tools > Internet Information Services (IIS) Manager**.

2. Expand the tree control, right-click on **Default FTP Site** and select **Properties**.

3. Select the **Security Accounts** tab.

4. Check **Allow anonymous connections**. (This is checked temporarily while you change the password.)

5. Enter a new password in the **Password** field, click **Apply**, and re-enter the password.

6. Uncheck **Allow anonymous connections** to disable anonymous FTP access.

7. Click **OK** and **OK** again.

▼ To change the FTP password in **ETV Portal Server**:

1. Launch the ETV Portal Server configuration tool. (For more information see the *ETV Portal Server Admin Guide*.)

2. Navigate to **Global Settings > Servers**.

3. Change the **FTP Password** so that it matches the password you entered in Computer Management and IIS.

Adding an Administrator Password

The VOD-W server is shipped without a password for the Administrator user. As a security precaution, it is recommended that you add a password using the following steps.

▼ To add an administrator password:

1. Go to **Start > Administrative Tools > Computer Management**.

2. In the left panel expand **Local Users and Groups** and then click on **Users**.

3. Highlight the **Administrator** user and then right-click and select **Set Password**.

4. Ignore any warning and enter and confirm an Administrator password.

VBrick Security Update Policy

VBrick has fully tested all of its server-based products on Windows Server 2003 Standard Edition with all current Microsoft security updates installed. It is standard VBrick policy to configure and ship our servers with all current service packs and security updates as of the shipping date of the product. We also run limited regression tests when new service packs and updates are released by Microsoft. Once VBrick software is installed at a customer site however, it becomes the customer's sole responsibility to install security updates and software patches as they become available. To protect against imminent threats, VBrick

recommends you install and/or test all Microsoft security updates as soon as they are available.

▼ To see what security (and other) updates are installed:

1. Go to **Start > All Programs > Windows Update**.

2. In the right navigation pane, click **Review your update history** to display the history of all installed updates.

3. If necessary, go to **Start > Control Panel > Add or Remove Programs** to remove an unwanted update.

Caveats

- If live streams from a WM Server are displayed in the Portal Server using manually-entered URLs, the Portal Server will not allow you to record them using the Scheduler. (You can configure this functionality for VBrick streams using **Announce External Server** as explained in the *WM Appliance Admin Guide*.)

- Both Ethernet ports on the WM Server are enabled by default and one is used for a network connection. VBrick recommends that you leave the second port enabled but unused. The use of the second port is not tested or supported by VBrick.

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