TrueNAS[®] M-Series Unified Storage Array Out of Band Management

Version 3.1



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1 Connect the Management Port

Before attempting to configure TrueNAS for out-of-band management, ensure that the out-of-band management port is connected to an appropriate network. Refer to the <u>M-Series Basic Setup Guide</u> included with the TrueNAS Storage Array for detailed instructions on connecting to the physical ports on the system.

Connect the out-of-band management port before powering on the TrueNAS M-Series Storage Array. You will also need a monitor and keyboard connected to the system.

In most cases, the out-of-band management interface will have been pre-configured by iXsystems. This section contains instructions for configuring it from the BIOS, if needed. The TrueNAS web interface also has IPMI configuration options. See the <u>IPMI article on the TrueNAS Documentation Hub</u> for more details.

2 Access the BIOS

Press Delete at the splash screen while the TrueNAS Storage Array is booting to access the system BIOS. This opens the menu shown below:

Aptio Setup Utility – Main Advanced Event Logs IPMI S	Copyright (C) 2018 American ecurity Boot Save & Exit	Megatrends, Inc.
System Date System Time	[Wed 05/15/2019] [11:45:25]	Set the Date. Use Tab to switch between Date elements.
BIOS Version Build Date CPLD Version	2.1 08/20/2018 02.b1.03	
Memory Information Total Memory Memory Speed	278528 MB 2400 MT/s	<pre> ++: Select Screen fl: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit</pre>
Version 2,19,1268, Co	puright (C) 2018 American Me	egatrends. Inc.

2.1 IPMI Options

Select the IPMI tab and open the BMC Network Configuration options.

Main Advance	Aptio Setup Utility ed Event Logs IPMI	– Copyright (C) Security Boot	2018 American Save & Exit	Megatrends, Inc.
IPMI Firmware Status Of BMC ▶ System Event L ▶ BMC Network Co	Revision .og onfiguration	8.44 Working		Configure BMC network parameters
				<pre>++: Select Screen f↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit</pre>
	Version 2.19.1268.	Copyright (C) 2	018 American M	egatrends, Inc.

2.2 DHCP Address Configuration

Set **Update IPMI LAN Configuration** to *Yes* to see all options. Set the **Configuration Address Source** to *DHCP* to assign the out-of-band management IP address dynamically. The menu shows any IP addresses that have been assigned by DHCP.



2.3 Configuring a Static IP Address

Set the **Configuration Address Source** to *Static* to assign a static IP address for out-of-band management.

Enter the desired IP address into the IP Address setting. Be sure to completely fill all four octets.



2.4 Enter a Subnet Mask

Enter your network environment value into the Subnet Mask of the out-of-band management network subnet.



2.5 Enter the Default Gateway Mask

Finally, use your network environment value to set the **Default Gateway Address** for the network to which the outof-band management port is connected.



Save the changes, exit the BIOS, and allow the system to boot.

3 Logging in to the IPMI Web Interface

Connect to TrueNAS Storage Array out-of-band managemen by entering the IPMI IP address into a web browser from a system that is either within the same network or which is directly wired to the array. A login prompt appears.

🚺 systems				
Please Login				
Username				
Password				
Login				

Log in using the default credentials:

• Username: ADMIN

•	Password:	Please see the asset list that is attached to your welcome letter.
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See the <u>IPMI article on the TrueNAS Documentation Hub</u> for instructions to change the administrative password.

Go to **Remote Control > IKVM/HTML5** and click **IKVM/HTML5** to open a new window that shows the TrueNAS console.

🚺 syste	ems"			Host Identificat Server: User:	ion ADMIN (Adm	nistrator)		Ø	S 🖉 🕞 English	• 0
System	Server Health	Configuration	Remote Control	Virtual Media	Maintenance	Miscellaneous	Help			
Remote Control	€	KVM/HTML5								
Console Redired	ction									
ikvm/html5		This page can be used to access a server remotely us		ng ikawi with HTMLB.						
Power Control										
Launch SOL		iKVM/HTML5								

4 Contacting iXsystems

For assistance, please contact iXsystems Support:

Contact Method	Contact Options
Web	https://support.ixsystems.com
Email	support@iXsystems.com
Telephone	Monday-Friday, 6:00AM to 6:00PM Pacific Standard Time: • US-only toll-free: 855-473-7449 option 2 • Local and international: 408-943-4100 option 2
Telephone	 Telephone After Hours (24x7 Gold Level Support only): US-only toll-free: 855-499-5131 International: 408-878-3140 (International calling rates will apply)