

H4000 Essential Pre-Install Network Worksheet

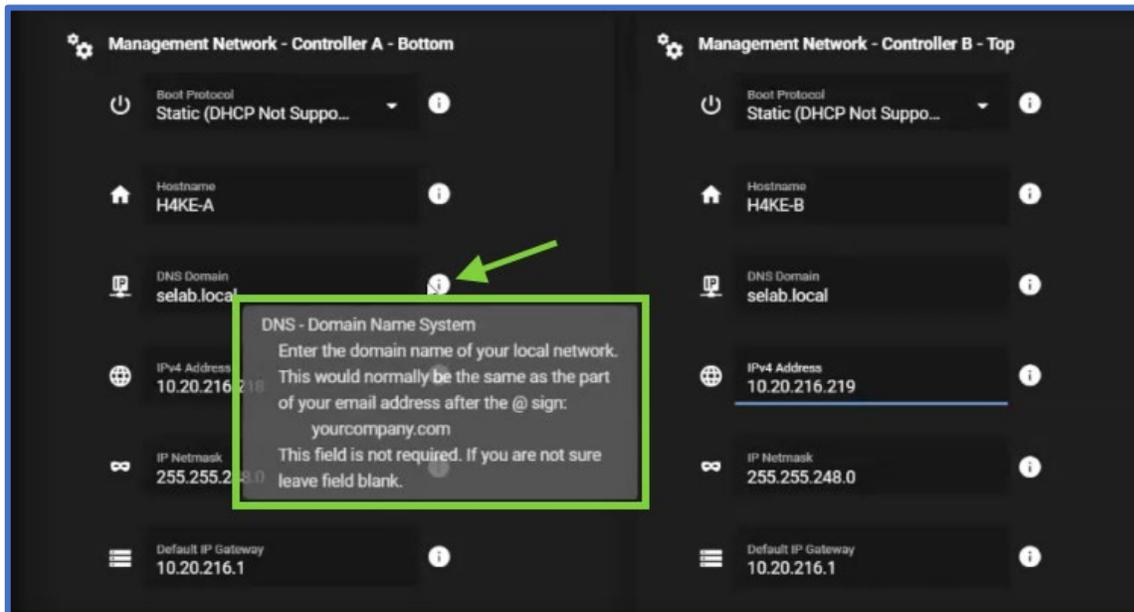
IMPORTANT! Complete this worksheet in advance for the smoothest installation experience when your system arrives. You may need to consult your IT expert, network administrator, or integrator to gather some of this information, and confirm that you'll be able to connect the system to your 10 Gigabit or faster Ethernet switch. Keep a copy of this worksheet nearby when setting up your system. Make sure you have the following before you begin:

- **Network Settings** – Reserve 6 IP addresses for the system that aren't already in use.
- **Domain Name Server (DNS)** – Pre-configure the DNS in your environment so the system can access the same network as your CatDV users, you can upgrade software online, and to enable Cloud-Based Analytics.
- **Time Server** – Determine which time-server method you will use (if you have a preference) for all of the system components to keep time synchronized.
- **An Administrator Password** – For the primary account to set up the system and access it after the installation. This password is used for the H-Series, StorNext and CatDV interfaces.
- **Names (hostnames)** – For the 2 StorNext VM and 2 H4000 Essential controller interfaces.

Pro Tip!

As you're setting up your system using the **Quick Start Instructions** at www.quantum.com/H4000E-QuickStart, you can move your cursor over the tooltip icon next to many of the required items in the web interface. The *tooltips* describe the fields and requirements for data entry.

Example:



- arrow = info icon/tooltip
- box = the popup description of the field/option next to the icon

The information below follows the configuration steps in the **Quick Start Instructions** and the user interface of the system, beginning with the **Setup Wizard**:

Setup Wizard settings

Password (for the admin account)	
Static IP configuration (H4000 Essential management page)	
Hostname (Controller A) †	
Hostname (Controller B) †	
DNS Domain (optional) *	
IPv4 Address (Controller A) †	
IPv4 Address (Controller B) †	
IP Netmask †	
Default IP Gateway (optional) †	
Domain Name Server (DNS; optional)*	
Primary DNS Server (IPv4 address; optional)*	
Alternate DNS Server (IPv4 address; optional)*	
Primary DNS Server (IPv4 address; optional)*	
After these network settings are applied, the system will reboot you will need to log in to the H-Series user interface and continue configuring the remaining settings, below:	

H4000 Essential (web interface) > Configuration > StorNext System > NETWORK tab settings

StorNext General Settings section (StorNext management network)	
Controller A StorNext Hostname	
Controller B StorNext Hostname	
DNS Domain (optional; should be same as above) *	
Default IP Gateway (should be same as above)	
Primary DNS Server (optional; IPv4 address)*	
Alternate DNS Server (optional; IPv4 address)*	
Alternate DNS Server (optional; IPv4 address)*	
StorNext Interface Configuration section ("p1p3"; for slot 1 port 3 – to network switch)	
Controller A IPv4 Address (for StorNext)	
Controller B IPv4 Address (for StorNext)	
IP Netmask	
IP Gateway	
External IP (on by default; DO NOT CHANGE)	N/A
Metadata (on by default; DO NOT CHANGE)	N/A
Jumbo Frame (DO NOT USE - Jumbo Frame configuration is not currently supported)	N/A

WAIT! DO NOT CLICK APPLY just yet. Wait until you configure time on the next tab until you click **APPLY**

since this will cause a system reboot, and then you will have to set time and hit **APPLY** , which will again cause a reboot of both StorNext controllers, and another delay. See **Step 2-3:Configure the StorNext VM System Settings > Pro Tip! Expect a delay after you click APPLY** in the **Quick Start Instructions** at <https://qsupport.quantum.com/kb/flare/Content/HSeries/H4000E/DocSite/Install/QuickStart.htm#ProTipsStorNextSystemConfiguration> for additional information about the reboots, and verifying that the StorNext VMs are fully functional after the reboot.

H4000 Essential (web interface) > Configuration > StorNext System > DATE & TIME tab
(option 1) Network Time Protocol (NTP) Server* settings

Set to UTC Time zone (required)

Selection mode (first two choices)	
a. Select a Timeserver	<input type="checkbox"/>
b. Select a Timeserver or Pool (default)	<input type="checkbox"/>
Timeserver Pool (for a and b, enter the timeserver pool to use; default: <i>us.pool.ntp.org</i>)	
Timezone (select your timezone region)	Currently, only UTC is supported
Selection mode (next two choices; only two)	
c. Local Timeserver (running on Controller B)	<input type="checkbox"/>
d. Local Timeserver (running on ControllerA)	<input type="checkbox"/>
New System Date	
New System Time	
System Timezone	Currently, only UTC is supported

H4000 Essential (web interface) > Configuration > StorNext System > DATE & TIME tab
(option 2) Manual Date & Time settings

Set to UTC Time zone (required)

New System Date	
New System Time	
System Timezone	

H4000 Essential (web interface) > Configuration > NAS Services settings

H4000 Essential (web interface) > Configuration > NAS Services	
Vital IP Address (IPv4 address; required)	

H4000 Essential (web interface) > Configuration > CatDV Network settings

Static IP configuration:	
IPv4 Address	
IP Netmask	
Default IP Gateway (autofills from the management network configured on first boot; but can change)	

H4000 Essential (web interface) > Configuration > Time settings

Use NTP*	Yes <input type="checkbox"/> No <input type="checkbox"/>
NTP configuration:	
NTP server*	
NTP server (optional additional server)*	
NTP server (optional additional server)*	
NTP server (optional additional server)*	
Timezone	
For manual time entry (not NTP):	
Date (in yyyy-mm-dd format)	
Time (in 24 hr:mm:ss)	
Timezone	

H4000 Essential (web interface) > Configuration > CBA settings**

(NOTE: This also enables CBA to monitor StorNext)

Enable SSL proxy (optional)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Proxy server (allows all outgoing ssl traffic through a tunnel on the proxy server)	
Port	
Proxy Username	
Proxy Password	
Enable Remote Access Support (optional; customer gets an email opens it for short period of time, have to get screenshot for the options VPN into that particular box)	Yes <input type="checkbox"/> No <input type="checkbox"/>
Enable Remote Access For Configured Hours (if Remote Access Support is enabled, enter length of time, in hours, for remote access support; optional; 0 = unlimited)	

CatDV (web interface) > Administrator panel > Users page

Add at least 1 user (required); other users optional

Add (user #1)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #2; optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #3; optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #4; optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #5; optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #6; optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #7 optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>
Add (user #8 optional)	
Username	
Password	
Primary Role	User <input type="checkbox"/> Administrator <input type="checkbox"/>