

Command Center

Command Center is available on the Enterprise and Branch Pro Netshield appliances to manage remote appliances from a central location without having to open multiple browser sessions.

A common network environment has a main location with an Enterprise or Branch Pro appliance running Command Center and Nano appliances at remote locations such as a bank with a main branch and multiple remote locations.

In an environment with multiple Enterprise and/or Branch Pro appliances choose one appliance to run Command Center.

Do not run Command Center on multiple Enterprise or Branch Pro appliances as it will cause issues with replication and the trust state of assets.

Setup Command Center

Add all the appliances to be managed including the Command Center appliance.

Manage Appliances

Appliances List					
Appliance Name ▲	Hardware Model	Location	IP Address		
Enterprise	Enterprise 100		192.168.4.77	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
Nano 1	Nano 254		192.168.4.78	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
Nano 2	Nano 254		192.168.4.79	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Create a group on the Command Center appliance and add all of the appliances into the group including itself.

Manage Groups

Groups List			
Group Name ▲	Group Description		
Replication	it	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Manage Groups

Group Information	
* Group Name:	<input type="text" value="Replication"/>
* Description:	<input type="text" value="it"/>

Managed Appliances	
Available Appliances:	In Group:
<input type="text"/>	192.168.4.77 - Enterprise 192.168.4.78 - Nano 1 192.168.4.79 - Nano 2
<input type="button" value="→"/>	<input type="button" value="←"/>

Enable replication, if desired, from the Command Center appliance and all assets will be replicated between appliances. Replication creates a list of all assets and sends the list to all appliances.

An asset trusted at one site will be trusted at all other sites because the appliance references the replication list.

 **Replication**

Replication Settings

Asset Replication Frequency

WARNING: Only one appliance should control replication. If you have more than one Enterprise or Branch Pro appliance, ensure that the replication frequency is set to Do Not Replicate on those appliances before setting a replication frequency here.

Purge Replication List

If the replication list becomes too large or contains undesired assets, the button below can be used to purge the replicated asset list on all appliances. The list will be rebuilt at the next replication from all assets known to the managed appliances.

WARNING: This will remove ALL replicated assets on ALL appliances in ALL groups.

Manual Replication

The button below can be used to initiate a manual replication, if one is not currently in progress.

Version 10.2 Patch 12

There have been a number of changes to Command Center to address issues and align with the upcoming release of Cloud Command Center.

Version 10.2 Patch 12 includes changes to replication to use the Command Center appliance to manage trust state for known assets.

It is highly recommended to follow the steps below to setup Command Center.

1. Disable Asset Replication.
2. Purge the Replication List.
3. Trust all assets on all appliances.
4. Perform a Manual Replication - All known, trusted assets will now be included in the replication list.

 **Replication**

Replication Settings

Asset Replication Frequency

WARNING: Only one appliance should control replication. If you have more than one Enterprise or Branch Pro appliance, ensure that the replication frequency is set to Do Not Replicate on those appliances before setting a replication frequency here.

Purge Replication List

If the replication list becomes too large or contains undesired assets, the button below can be used to purge the replicated asset list on all appliances. The list will be rebuilt at the next replication from all assets known to the managed appliances.

WARNING: This will remove ALL replicated assets on ALL appliances in ALL groups.

Manual Replication

The button below can be used to initiate a manual replication, if one is not currently in progress.

Operation

1. On the Command Center appliance under Manage Assets, use the Filter Panel to display Replicated.
2. Open Filter Panel, Select Replicated, Select Apply Filter.
3. This will show all assets of all appliances except the assets managed by the

Command Center appliance.

Manage Assets

Asset Summary: Total Assets: 890, Currently Showing: 400. Trusted Assets: 477, Untrusted Assets: 0, Trusted Asset Limit: 2200.

Time Detected Filter: Minutes, Hours.

Asset Actions: Trust, Untrust, Remove. Panel Actions: Show Category Panel, Hide Filter Panel, Reset Columns.

Filter:

Asset Status	VLANs	Trust Status	Override	Detected	Operating Systems	Manufacturer
Active	v5	Trusted	<blank>	Yes	Allied Telesis AT-8000S, Dell PowerConnect 2824, 3448, 5316M, or 5324; Linksys SFE2000P	Belkin International
Known Missing	v6	Untrusted	Never Block	No	SRW2024, SRW2048, or SRW224G4, or TP-LINK TL-SL3428 switch	Brother Industries
Replicated	v7	Blocked	Always Block			Chicony Electronics
Imported	v8					Cisco Systems

IP Address	Time Detected	VLAN	MAC Address	Host Name	Operating System	Manufacturer	Trusted	Reason	Comm
192.168.7.6		v7	0E:00:C0:A8:07:05		Unknown	Unknown	Yes		
192.168.7.6		v7	0E:00:C0:A8:07:06		Unknown	Unknown	Yes		
192.168.7.7		v7	0E:00:C0:A8:07:07		Unknown	Unknown	Yes		
192.168.7.8		v7	0E:00:C0:A8:07:08		Unknown	Unknown	Yes		
192.168.7.9		v7	0E:00:C0:A8:07:09		Unknown	Unknown	Yes		
192.168.7.10		v7	0E:00:C0:A8:07:0A		Unknown	Unknown	No		
192.168.7.11		v7	0E:00:C0:A8:07:0B		Unknown	Unknown	No		
192.168.7.12		v7	0E:00:C0:A8:07:0C		Unknown	Unknown	No		
192.168.7.13		v7	0E:00:C0:A8:07:0D		Unknown	Unknown	No		
192.168.7.14		v7	0E:00:C0:A8:07:0E		Unknown	Unknown	No		
192.168.7.15		v7	0E:00:C0:A8:07:0F		Unknown	Unknown	No		
192.168.7.16		v7	0E:00:C0:A8:07:10		Unknown	Unknown	No		
192.168.7.17		v7	0E:00:C0:A8:07:11		Unknown	Unknown	No		
192.168.7.18		v7	0E:00:C0:A8:07:12		Unknown	Unknown	No		
192.168.7.19		v7	0E:00:C0:A8:07:13		Unknown	Unknown	No		
192.168.7.20		v7	0E:00:C0:A8:07:14		Unknown	Unknown	No		
192.168.7.21		v7	0E:00:C0:A8:07:15		Unknown	Unknown	Yes		
192.168.7.22		v7	0E:00:C0:A8:07:16		Unknown	Unknown	Yes		
192.168.7.23		v7	0E:00:C0:A8:07:17		Unknown	Unknown	Yes		

4. Select assets to be trusted using the checkbox and select Trust. The selected assets will change from yellow to white.

Manage Assets

Asset Summary: Total Assets: 880, Currently Showing: 400. Trusted Assets: 477, Untrusted Assets: 0, Trusted Asset Limit: 2200.

Time Detected Filter: Minutes, Hours.

Asset Actions: Trust, Untrust, Remove. Panel Actions: Show Category Panel, Hide Filter Panel, Reset Columns.

Filter:

Asset Status	VLANs	Trust Status	Override	Detected	Operating Systems	Manufacturer
Active	v5	Trusted	<blank>	Yes	Allied Telesis AT-8000S, Dell PowerConnect 2824, 3448, 5316M, or 5324; Linksys SFE2000P	Belkin International
Known Missing	v6	Untrusted	Never Block	No	SRW2024, SRW2048, or SRW224G4, or TP-LINK TL-SL3428 switch	Brother Industries
Replicated	v7	Blocked	Always Block			Chicony Electronics
Imported	v8					Cisco Systems

IP Address	Time Detected	VLAN	MAC Address	Host Name	Operating System	Manufacturer	Trusted	Reason	Comm
192.168.7.6		v7	0E:00:C0:A8:07:05		Unknown	Unknown	Yes		
192.168.7.6		v7	0E:00:C0:A8:07:06		Unknown	Unknown	Yes		
192.168.7.7		v7	0E:00:C0:A8:07:07		Unknown	Unknown	Yes		
192.168.7.8		v7	0E:00:C0:A8:07:08		Unknown	Unknown	Yes		
192.168.7.9		v7	0E:00:C0:A8:07:09		Unknown	Unknown	Yes		
192.168.7.10		v7	0E:00:C0:A8:07:0A		Unknown	Unknown	Yes		
192.168.7.11		v7	0E:00:C0:A8:07:0B		Unknown	Unknown	Yes		
192.168.7.12		v7	0E:00:C0:A8:07:0C		Unknown	Unknown	Yes		
192.168.7.13		v7	0E:00:C0:A8:07:0D		Unknown	Unknown	Yes		
192.168.7.14		v7	0E:00:C0:A8:07:0E		Unknown	Unknown	Yes		
192.168.7.15		v7	0E:00:C0:A8:07:0F		Unknown	Unknown	Yes		
192.168.7.16		v7	0E:00:C0:A8:07:10		Unknown	Unknown	Yes		
192.168.7.17		v7	0E:00:C0:A8:07:11		Unknown	Unknown	Yes		
192.168.7.18		v7	0E:00:C0:A8:07:12		Unknown	Unknown	Yes		
192.168.7.19		v7	0E:00:C0:A8:07:13		Unknown	Unknown	Yes		
192.168.7.20		v7	0E:00:C0:A8:07:14		Unknown	Unknown	Yes		
192.168.7.21		v7	0E:00:C0:A8:07:15		Unknown	Unknown	Yes		
192.168.7.22		v7	0E:00:C0:A8:07:16		Unknown	Unknown	Yes		
192.168.7.23		v7	0E:00:C0:A8:07:17		Unknown	Unknown	Yes		

5. On the next replication cycle the assets will become trusted on the local appliance.

User ID: MainAccount
 User IP: 10.1.10.2
 Appliance Name: netshield
 Appliance Type: Nano 254
 License Status: Current
 Thu Mar 28 2019 3:51:58 PM
 Overall Threat Assessment: 0

Manage Assets

Asset Summary
 Total Assets: 878
 Currently Showing: 204

Trusted Assets: 201
 Untrusted Assets: 0
 Trusted Asset Limit: 354

Time Detected Filter
 Minutes: | Hours:

Asset Actions

Panel Actions

IP Address	Time Detected	VLAN	MAC Address	Host Name	Operating System	Manufacturer	Trusted	Reason
1.2.1.34	Thu Mar 28 15:51:08 19		Hidden	NETSHIELD Corporation Appliance	Hidden for improved security		Yes	
192.168.4.78	Thu Mar 28 15:51:08 19		Hidden	NETSHIELD Corporation Appliance	Hidden for improved security		Yes	
192.168.7.1	Thu Mar 28 15:50:40 19	v7	0C:C4:7A:7E:84:1D		Linux 3.2 - 4.4	Super Micro Computer	Yes	
192.168.7.2	Thu Mar 28 15:50:13 19	v7	0E:00:C0:A8:07:02		Unknown	Unknown	Yes	
192.168.7.3	Thu Mar 28 15:50:48 19	v7	0E:00:C0:A8:07:03		Unknown	Unknown	Yes	
192.168.7.4	Thu Mar 28 15:50:02 19	v7	0E:00:C0:A8:07:04		Unknown	Unknown	Yes	
192.168.7.5	Thu Mar 28 15:50:13 19	v7	0E:00:C0:A8:07:05		Unknown	Unknown	Yes	
192.168.7.6	Thu Mar 28 15:50:11 19	v7	0E:00:C0:A8:07:06		Unknown	Unknown	Yes	
192.168.7.7	Thu Mar 28 15:50:41 19	v7	0E:00:C0:A8:07:07		Unknown	Unknown	Yes	
192.168.7.8	Thu Mar 28 15:50:48 19	v7	0E:00:C0:A8:07:08		Unknown	Unknown	Yes	
192.168.7.9	Thu Mar 28 15:50:51 19	v7	0E:00:C0:A8:07:09		Unknown	Unknown	Yes	
192.168.7.10	Thu Mar 28 15:50:13 19	v7	0E:00:C0:A8:07:0A		Unknown	Unknown	Yes	
192.168.7.11	Thu Mar 28 15:50:41 19	v7	0E:00:C0:A8:07:0B		Unknown	Unknown	Yes	
192.168.7.12	Thu Mar 28 15:50:44 19	v7	0E:00:C0:A8:07:0C		Unknown	Unknown	Yes	
192.168.7.13	Thu Mar 28 15:50:02 19	v7	0E:00:C0:A8:07:0D		Unknown	Unknown	Yes	
192.168.7.14	Thu Mar 28 15:49:04 19	v7	0E:00:C0:A8:07:0E		Unknown	Unknown	Yes	
192.168.7.15	Thu Mar 28 15:50:03 19	v7	0E:00:C0:A8:07:0F		Unknown	Unknown	Yes	
192.168.7.16	Thu Mar 28 15:50:07 19	v7	0E:00:C0:A8:07:10		Unknown	Unknown	Yes	
192.168.7.17	Thu Mar 28 15:50:03 19	v7	0E:00:C0:A8:07:11		Unknown	Unknown	Yes	
192.168.7.18	Thu Mar 28 15:50:05 19	v7	0E:00:C0:A8:07:12		Unknown	Unknown	Yes	
192.168.7.19	Thu Mar 28 15:50:02 19	v7	0E:00:C0:A8:07:13		Unknown	Unknown	Yes	
192.168.7.20	Thu Mar 28 15:50:08 19	v7	0E:00:C0:A8:07:14		Unknown	Unknown	Yes	
192.168.7.21	Thu Mar 28 15:50:08 19	v7	0E:00:C0:A8:07:15		Unknown	Unknown	Yes	

Important points

1. An asset that is trusted locally but remains Untrusted on the Command Center appliance will become untrusted after the next replication cycle. It needs to be trusted on the Command Center appliance.
2. If a new asset is discovered and untrusted it will have to be trusted locally before it will replicate.