Utilities Included In ClusterReplica

- 1. **Application Data Synchronizer** This utility tool assists the clients of the ClusterReplica servers to self-restore and manage archived files from their Windows local system.
- 2. License Manager This utility tool allows users to change license for ClusterReplica Enterprise without rebooting the system.
- 3. **Network Application Scanner** This utility tool provides the network configuration information of the Windows local system.
- 4. Network Utilities Click this selection to access the two utility tools:
 - Host Lookup to help users match the IP address of a web host with its name.
 - **Trace Route** to help users trace the routing path of service providers between the host and the traced servers.
- 5. **Port Reference Tables** This utility tool provides the port reference information of the Windows local system.
- 6. **Support Reporting Tool** Click this selection to generate support logs for technical support issues on this ClusterReplica package.
- 7. **Uninstall** Click this selection to start the uninstall process for removing the ClusterReplica package from the Windows local system.

Network Application Scanner

The Network Application Scanner can scan the operating system and list all ports being used currently on local system. From its dialog box, click on button **scan** to get the services of all applications currently running on the system listed.

Process ID	Process Name	Protocol Type	Port Number	
616	DiepSvc.exe	TCP	1028	
616	Drep5vc.exe	TCP	3000	
616	DrepSvc.exe	UDP	3000	
616	DrepSvc.exe	TCP	3000	
616	DrepSvc.exe	UDP	3000	
600	mstask, exe	TCP	1025	
416	sychostexe	UDP	135	
416	sychost exe	TCP	135	
236	LSASS.EXE	UDP	500	
224	SERVICES.EXE	UDP	1026	
8	System	TCP	139	
8	System	TCP	445	
8	System	TCP	139	
8	System	UDP	137	
8	System	UDP	138	
8	System	TCP	139	
8	System	UDP	137	
8	System	TCP	139	
8	System	UDP	138	-1
8	System	TCP	139	
8	System	TCP	445	
4	Custers	LIDP	445	
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Click on button **Details** will get a popup box to come up showing you the detailed information of the network application.

Process Name:	SERVICES.EXE	a a c
Process Path:	C:\WINNT\system32\services.exe	
Creation Time:	12/7/1999	
File Size:	88848 Byte	
Remarks:	Services and Controller app	

Port Reference Table

The Port Reference Table lists some of the most commonly used ports with description as reference for users.

Port Number	Description 🔺	Menu
7	Echo	
9	Discard	
13	Daytime	🗳 Close
17	Quote	
19	Chargen	1999 (1999) - 1999 (1999) 1999 (1999) - 1999 (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1 1999) (1990) (1999) (1990) (1999) (199
21	File Transfer Protocol (FTP)	Defaul
22	Secure Shell (SSH)	
23	Tehet	Self-self-te
25	Simple Mail Transfer Protocol (SMTP)	New New
37	Time	A MGM
43	Who is	a de se contra
49	Login Host Protocol	
53	Domain Name Server (DNS)	Modify
69	Trivial File Transfer Protocol (TFTP)	이 영상 영상 영
70	Gopher	- 상황은 동생님 같은
79	Finger	X Delete
80	World Wide Web (HTTP)	La Dolote
88	Kerberos V Authentication	
109	Post Office Protocol V2 (POP2)	Sector and
110	Post Office Protocol V3 (POP3)	🛤 Find
1	Parlamente de la Calendaria de la Calend	

On the menu,

- **Default** will bring up the default listing.
- Modify allows changing of a port's description.
- New port definition can be created in New.

Click on the column title **Port Number** will sort the port numbers in ascending order; and **Description** will sort the port descriptions in ascending alphabetical order.

Network Utilities

There are times when a user needs to know the IP address of a registered host, or the network transaction routing path. ClusterApplica's Network Utilities tool can help you achieving this objective. This network utility tool consists of two features: Host Lookup and Trace Rout.

1. Host Lookup

Host Lookup can help users match the IP address of a web host with its name. As shown in figure 6.1 below, to find the IP address of yahoo, type **yahoo.com** in the *host name* window and click on button **Look Up**. The IP address for yahoo.com will be found and filled in the *IP Address* window.

Network Uti	ities and and and and and and and and and and 		X
Host Lookup	Trace Route		
Please enter I	P address or Host Name	e to lookup:	
Host Name:	yahoo.com		
IP Address:	216 . 115 .	109 . 7	
	Look Up	Clear	
			Close

A **reverse lookup** can also be done using **Host Lookup**. In this case, user simply types in the IP address to find the registered host's name.

2. Trace Route

The second feature in Network Utilities is **Trace Route**. This tool is created to help users trace the routing path of service providers between the host and the traced servers. Up to 20 router activities will be listed.

'leas	se enter the IP ad	Idress you want to trace:	
ing ang		. Resolve IP to host name	
	out for each reply:	110	
laxi	mum number of ro	outer count: 20	
race	e status: Ready		
#	Host Address	Avg BT(ms)	
-			
•			•

It is fairly simple to use this tool. Select **Trace Route** tap from the Network Utilities GUI, type in the Host's IP address and then click on button **Trace**. The packet routing path of all internet service providers (up to 20) will be listed in the **Trace status** screen.