

System Reports

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OK: Report generated successfully.

Unified CM Cluster Overview



Provides an overview of the Unified CM cluster.
Created on Wed Sep 02 11:27:34 GMT-04:00 2009

Unified CM Cluster Name
Lists the cluster name from the Enterprise Parameter and the publisher server name/IP.

Cluster Name	Publisher Name/IP
StandAloneCluster	DXBCM01

Unified CM Provisioned Servers
Lists all servers in the cluster by either name or IP as provisioned in the database and whether the server is installed or not. The IP address is obtained from the host file on the local server.

Name	Description	IP Address
dxbcm01	LandorCCM	10.243.32.4
10.243.32.6	LandorCCM2	10.243.32.6

Unified CM Version
Checks the Unified CM version running on each installed server and returns a summary checking to see if they are all the same.

The CUCM Version on all servers is:cm-ver-6.1.2.1000-13
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Unified CM OS Version
Checks the OS version running on each installed server and returns a summary checking to see if they are all the same.

The OS Version on all servers is:2.4.21-47.ELsmp
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Unified CM Hardware Summary
For each installed server, list CPU type and speed, amount of installed memory, disk size, free disk space, hardware component, and firmware versions.

Summary

component	MCS Model	CPU Speed	RAM	Partition Total
dxbcm01	7816I3	3200	2G	144G
10.243.32.6	7816I3	3200	2G	144G

Server Name = dxbcm01
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component	dxbcm01
MCS Model	7816I3
CPU Speed	3200
RAM	2G
	Partition name: /
	total: 27656340K
	available: 15906296K
	used: 11469068K
	Partition name: /partB
	total: 27656372K
Partitions	available: 26218660K
	used: 32828K
	Partition name: /common
	total: 96245392K
	available: 67795564K
	used: 23560852K
RAID Configuration	RAID not configured
RAID Version	RAID Firmware Version: N/A
	RAID BIOS Version: N/A
	Vendor: IBM
BIOS Information	Version: IBM BIOS Version 1.38-[G9E138AUS-1.38]-
	Release Date: 01/07/2008

Server Name = 10.243.32.6
[@View Details](#)

component	10.243.32.6
MCS Model	7816I3
CPU Speed	3200
RAM	2G

```

Partition name: /
total: 27656340K
available: 16013092K
used: 11362272K

Partition name: /partB
total: 27656372K
available: 26218660K
used: 32828K

Partitions

Partition name: /common
total: 96245392K
available: 86037960K
used: 5318456K

RAID Configuration RAID not configured
RAID Version RAID Firmware Version: N/A
RAID BIOS Version: N/A
Vendor: IBM
BIOS Information Version: IBM BIOS Version 1.38-[G9E138AUS-1.38]-
Release Date: 01/07/2008

```

Unified CM Component Version

Gathers data from the Unified CM database to provide a summary of all versions of component installed on each server. The summary will identify components on servers that do not match the publisher. It will also identify servers on which a component is not installed.

The versions of all installed components match on the cluster.

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Active Services

Active Services Status on Cluster (To start/stop services, please go to Serviceability Control page)

Server Name = DXBCM01

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Service	Pkt	Status	ElapsedTime
A Cisco DB	6472	Running	89 day(s) 23:23:33
A Cisco DB Replicator	6879	Running	89 day(s) 23:22:46
Cisco AMC Service	8789	Running	89 day(s) 23:19:12
Cisco AXL Web Service	0	Running	89 day(s) 23:18:7
Cisco Bulk Provisioning Service	9606	Running	89 day(s) 23:18:5
Cisco CAR Scheduler	32455	Running	14 day(s) 22:36:17
Cisco CAR Web Service	0	Running	14 day(s) 22:36:0
Cisco CDP	8135	Running	89 day(s) 23:20:6
Cisco CDP Agent	7944	Running	89 day(s) 23:20:35
Cisco CDR Agent	8763	Running	89 day(s) 23:19:15
Cisco CDR Repository Manager	8730	Running	89 day(s) 23:19:19
Cisco CTIManager	9078	Running	89 day(s) 23:18:46
Cisco CTL Provider	9263	Running	89 day(s) 23:18:34
Cisco CallManager	8925	Running	89 day(s) 23:19:4
Cisco CallManager Admin	0	Running	89 day(s) 23:20:21
Cisco CallManager Attendant Console Server	9095	Running	89 day(s) 23:18:45
Cisco CallManager Cisco IP Phone Services	0	Running	89 day(s) 23:19:10
Cisco CallManager Personal Directory	0	Running	89 day(s) 23:20:12
Cisco CallManager SNMP Service	9483	Running	89 day(s) 23:18:21
Cisco CallManager Serviceability	0	Running	89 day(s) 23:20:20
Cisco CallManager Serviceability RTMT	0	Running	89 day(s) 23:20:18
Cisco Certificate Authority Proxy Function	9312	Running	89 day(s) 23:18:30
Cisco Certificate Expiry Monitor	8557	Running	89 day(s) 23:19:33
Cisco DHCP Monitor Service	9788	Running	89 day(s) 23:18:1
Cisco DRF Local	8534	Running	89 day(s) 23:19:34
Cisco DRF Master	8406	Running	89 day(s) 23:19:41
Cisco Database Layer Monitor	6880	Running	89 day(s) 23:22:43
Cisco Dialed Number Analyzer	0	Running	89 day(s) 23:18:3
Cisco DirSync	9584	Running	89 day(s) 23:18:9
Cisco Extended Functions	9149	Running	89 day(s) 23:18:41
Cisco Extension Mobility	0	Running	89 day(s) 23:18:44
Cisco Extension Mobility Application	0	Running	89 day(s) 23:19:11
Cisco IP Manager Assistant	0	Running	89 day(s) 23:18:43
Cisco IP Voice Media Streaming App	9076	Running	89 day(s) 23:18:48
Cisco License Manager	8251	Running	89 day(s) 23:20:1
Cisco Log Partition Monitoring Tool	8122	Running	89 day(s) 23:20:9
Cisco Messaging Interface	0	Down	0 day(s) 0:0:0
Cisco RIS Data Collector	8786	Running	89 day(s) 23:19:13
Cisco RTMT Reporter Servlet	0	Running	89 day(s) 23:20:15
Cisco SOAP - CDRonDemand Service	0	Running	89 day(s) 23:18:28
Cisco Serviceability Reporter	9180	Running	89 day(s) 23:18:38

Cisco Syslog Agent	7980	Running	89 day(s) 23:20:28
Cisco TAPS Service	9803	Running	89 day(s) 23:17:59
Cisco Tftp	9058	Running	89 day(s) 23:18:51
Cisco Tomcat	7350	Running	89 day(s) 23:22:42
Cisco Tomcat Stats Servlet	0	Running	89 day(s) 23:19:22
Cisco Trace Collection Service	8624	Running	89 day(s) 23:19:31
Cisco Trace Collection Servlet	0	Running	89 day(s) 23:19:32
Cisco Unified Mobile Voice Access Service	0	Running	89 day(s) 23:17:57
Cisco WebDialer Web Service	0	Running	89 day(s) 23:18:33
Host Resources Agent	7856	Running	89 day(s) 23:20:59
MIB2 Agent	7804	Running	89 day(s) 23:21:5
Native Agent Adapter	7907	Running	89 day(s) 23:20:48
SNMP Master Agent	7758	Running	89 day(s) 23:21:12
SOAP -Log Collection APIs	0	Running	89 day(s) 23:20:2
SOAP -Performance Monitoring APIs	0	Running	89 day(s) 23:20:3
SOAP -Real-Time Service APIs	0	Running	89 day(s) 23:20:4
System Application Agent	7923	Running	89 day(s) 23:20:42

Server Name = 10.243.32.6

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Service	Pid	Status	ElapsedTime
A Cisco DB	6346	Running	90 day(s) 4:4:19
A Cisco DB Replicator	6661	Running	90 day(s) 4:3:29
Cisco AMC Service	8644	Running	90 day(s) 4:0:29
Cisco CAR Scheduler	8704	Running	90 day(s) 4:0:24
Cisco CDP	7846	Running	90 day(s) 4:1:5
Cisco CDP Agent	7621	Running	90 day(s) 4:1:34
Cisco CDR Agent	8609	Running	90 day(s) 4:0:36
Cisco CDR Repository Manager	8577	Running	90 day(s) 4:0:38
Cisco CallManager Admin	0	Running	90 day(s) 4:1:20
Cisco CallManager Cisco IP Phone Services	0	Running	90 day(s) 4:0:27
Cisco CallManager Personal Directory	0	Running	90 day(s) 4:1:11
Cisco CallManager Serviceability	0	Running	90 day(s) 4:1:19
Cisco CallManager Serviceability RTMT	0	Running	90 day(s) 4:1:17
Cisco Certificate Expiry Monitor	8466	Running	90 day(s) 4:0:47
Cisco DRF Local	8424	Running	90 day(s) 4:0:48
Cisco DRF Master	8325	Running	90 day(s) 4:0:55
Cisco Database Layer Monitor	6675	Running	90 day(s) 4:3:26
Cisco Extension Mobility Application	0	Running	90 day(s) 4:0:28
Cisco License Manager	8147	Running	90 day(s) 4:1:0
Cisco Log Partition Monitoring Tool	7832	Running	90 day(s) 4:1:8
Cisco RIS Data Collector	8635	Running	90 day(s) 4:0:31
Cisco RTMT Reporter Servlet	0	Running	90 day(s) 4:1:14
Cisco Syslog Agent	7646	Running	90 day(s) 4:1:27
Cisco Tomcat	7131	Running	90 day(s) 4:3:25
Cisco Tomcat Stats Servlet	0	Running	90 day(s) 4:0:40
Cisco Trace Collection Service	8511	Running	90 day(s) 4:0:44
Cisco Trace Collection Servlet	0	Running	90 day(s) 4:0:45
Host Resources Agent	7537	Running	90 day(s) 4:1:53
MIB2 Agent	7504	Running	90 day(s) 4:1:59
Native Agent Adapter	7593	Running	90 day(s) 4:1:46
SNMP Master Agent	7488	Running	90 day(s) 4:2:5
SOAP -Log Collection APIs	0	Running	90 day(s) 4:1:1
SOAP -Performance Monitoring APIs	0	Running	90 day(s) 4:1:2
SOAP -Real-Time Service APIs	0	Running	90 day(s) 4:1:3
System Application Agent	7609	Running	90 day(s) 4:1:40
Cisco AXL Web Service	0	Not Activated	0 day(s) 0:0:0
Cisco Bulk Provisioning Service	0	Not Activated	0 day(s) 0:0:0
Cisco CAR Web Service	0	Not Activated	0 day(s) 0:0:0
Cisco CTIManager	0	Not Activated	0 day(s) 0:0:0
Cisco CTL Provider	0	Not Activated	0 day(s) 0:0:0
Cisco CallManager	0	Not Activated	0 day(s) 0:0:0
Cisco CallManager Attendant Console Server	0	Not Activated	0 day(s) 0:0:0
Cisco CallManager SNMP Service	0	Not Activated	0 day(s) 0:0:0
Cisco Certificate Authority Proxy Function	0	Not Activated	0 day(s) 0:0:0
Cisco DHCP Monitor Service	0	Not Activated	0 day(s) 0:0:0
Cisco Dialed Number Analyzer	0	Not Activated	0 day(s) 0:0:0
Cisco DirSync	0	Not Activated	0 day(s) 0:0:0
Cisco Extended Functions	0	Not Activated	0 day(s) 0:0:0
Cisco Extension Mobility	0	Not Activated	0 day(s) 0:0:0

Cisco IP Manager Assistant	0	Not Activated	0 day(s) 0:0:0
Cisco IP Voice Media Streaming App	0	Not Activated	0 day(s) 0:0:0
Cisco Messaging Interface	0	Not Activated	0 day(s) 0:0:0
Cisco SOAP - CDRonDemand Service	0	Not Activated	0 day(s) 0:0:0
Cisco Serviceability Reporter	0	Not Activated	0 day(s) 0:0:0
Cisco TAPS Service	0	Not Activated	0 day(s) 0:0:0
Cisco Tftp	0	Not Activated	0 day(s) 0:0:0
Cisco Unified Mobile Voice Access Service	0	Not Activated	0 day(s) 0:0:0
Cisco WebDialer Web Service	0	Not Activated	0 day(s) 0:0:0

Unified CM Hosts

Checks the contents of the hosts file on each installed server and returns a summary checking to see if they are equivalent.

All servers have equivalent host files.

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Server	host File
	#This file was generated by the /etc/hosts cluster manager. #It is automatically updated as nodes are added, changed, removed from the cluster.
dxbcm01	127.0.0.1 localhost 10.243.32.4 DXBCM01 10.243.32.6 DXBCM02 #This file was generated by the /etc/hosts cluster manager. #It is automatically updated as nodes are added, changed, removed from the cluster.
10.243.32.6	127.0.0.1 localhost 10.243.32.6 DXBCM02 10.243.32.4 DXBCM01

Cluster Security

Display the cluster's security setting from Enterprise Parameters.

Security Mode 0 - Unsecured

Unified CM Name Resolution

Checks forward and reverse name resolution from each installed server to each other installed server and evaluate if they are equivalent.

All names resolve the same.

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Unified CM Server Connectivity

Checks to see if each installed server can reach each other server via ping.

All servers can talk to publisher.

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Unified CM Time and Delay

Show the time difference between each server in the cluster and the publisher.

All System dates were within acceptable limits (5 seconds)

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All WAN Delays were within acceptable limits (40 ms)

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