

Cisco DNA Center - Validation Run Results

A total of 5 validation sets which includes 86 validations were executed. Found 1 Critical and 7 Warnings.

Test Report Summary

Scan Name	Validations	Critical	Warnings	Skipped
Appliance Infrastructure Status	28	0	6	0
Appliance Scale	14	0	0	0
Assurance Health	15	1	0	0
ISE Health and Cisco DNA Center Role	13	0	0	0
Upgrade Readiness Status	16	0	1	0

Detailed Test Report

Appliance Infrastructure Status

S.No	Validation	Response	Status
1	System software update mode (online/offline)	System software update mode is online (Cisco Connected DNA Cloud)	INFO
2	Cluster - member identifier	Cisco DNA Center member identifier is 5ffcedb4783ba8001791a834	INFO
3	Kubelet status	Kubelet is running on ["10.41.1.33"]	INFO
4	Docker status	Docker is running on ["10.41.1.33"]	INFO
5	DNS resolution status	DNS resolution is successful	INFO
6	DNS reachability status	DNS server is reachable	INFO
7	Check and verify DNS server configuration requirements	DNS server count 2 is within limits	INFO
8	CPU utilization - Cluster average	Average CPU utilization for cluster is 10.22% over the past 15 minutes	INFO
9	Memory utilization - Cluster average	Average memory utilization for cluster is 74.72% over the past 15 minutes	INFO
10	CCO credentials configuration status	CCO credentials for ralshaik have been configured	INFO
11	Appstack status	All appstacks are operational	INFO

S.No	Validation	Response	Status
12	Filesystem utilization status	Filesystem utilization is normal on all partitions	INFO
13	Cassandra service status	Cassandra service is healthy	INFO
14	Elasticsearch service (maglev-system appstack) status	Elasticsearch service (maglev-system appstack) is healthy	INFO
15	Elasticsearch service (ndp appstack) status	Elasticsearch service (ndp appstack) is healthy	INFO
16	GlusterFS service status	GlusterFS service is healthy	INFO
17	InfluxDB service status	InfluxDB service is healthy	INFO
18	MongoDB service status	MongoDB service is healthy	INFO
19	Postgres service status	Postgres service is healthy	INFO
20	RabbitMQ service status	RabbitMQ service is healthy	INFO
21	Zookeeper service status	Zookeeper service is healthy	INFO
22	Cluster node(s) status	Cluster node(s) are UP	INFO
23	Processor units status	Cisco IMC is not configured	WARNING
24	Memory units status	Cisco IMC is not configured	WARNING
25	Storage units status	Cisco IMC is not configured	WARNING
26	Network adapter units status	Cisco IMC is not configured	WARNING
27	Storage virtual drives status	Cisco IMC is not configured	WARNING
28	Power supply units status	Cisco IMC is not configured	WARNING

Appliance Scale

S.No	Validation	Response	Status
1	Total device count	Total device count is 40.	INFO
2	Wired device count	Wired device count is 6.	INFO
3	Wireless device count	Wireless device count is 34.	INFO
4	Physical port count	Physical port count is 482.	INFO
5	Interface count	Interface count is 561.	INFO
6	Total client count (concurrent)	Total concurrent client count is 2.	INFO
7	Wired client count (concurrent)	Wired concurrent client count is 2.	INFO
8	Wireless client count (concurrent)	Wireless concurrent client count is 0.	INFO
9	Transient client count	Transient client count is 2.	INFO
10	Site count	Site count is 15.	INFO
11	IP pool count	IP pool count is 6.	INFO
12	Netflows count	Netflows count is 50.	INFO

S.No	Validation	Response	Status
13	Policies count	Policies count is 1.	INFO
14	Security groups count	Security groups count is 18.	INFO

Assurance Health

S.No	Validation	Response	Status
1	Assurance NSA webapp health	The Assurance NSA web app service is running normally	INFO
2	If there are any devices in inventory	Inventory has [6] devices (switches, hubs, routers, and wireless controllers)	INFO
3	Failed or unassigned devices in inventory	Inventory does not contain failed or unassigned devices	INFO
4	Assurance and related service(s) health	Services are running normally	INFO
5	Assurance pipeline(s) health	Critical pipelines that are not operational: ["trap"]	CRITICAL
6	Processing lags for Assurance and related pipelines	Pipelines are running normally. No lags have been detected	INFO
7	The memory utilization of Assurance services	Memory utilization of Assurance services is normal	INFO
8	The cpu utilization of Assurance services	The CPU utilization of Assurance services is normal	INFO
9	Assurance collectors are receiving data	Assurance collectors ["collector-iosxe-db"] are receiving data. ["wirelesscollector"] are not receiving data	INFO
10	Wireless client roaming count per second does not exceed the supported limit	Wireless client roaming count per second [0] falls within the supported limit	INFO
11	Client count does not exceed the supported limit	Current client count [1] falls within the supported limit	INFO
12	Device count does not exceed the supported limit	Device count [40] falls within the supported limit	INFO
13	Assurance is performing client health computations	Assurance is computing client health	INFO
14	Assurance client and device APIs are running	Client and device APIs are running	INFO
15	Assurance is performing device health computations	Assurance is computing device health	INFO

ISE Health and Cisco DNA Center Role

S.No	Validation	Response	Status
1	Cisco DNA Center role (*applicable only on Multiple Cisco DNA Center enabled deployment)	Not a Multiple Cisco DNA Center deployment	INFO

S.No	Validation	Response	Status
2	VALIDATING_PLATFORM_CHECK	Platform Support Check Successful on all nodes	INFO
3	VALIDATING_DEPLOYMENT_CHECK	Deployment Validation Successful on all nodes	INFO
4	VALIDATING_DNS_CHECK	DNS Resolvability Successful on all nodes	INFO
5	VALIDATING_TRUST_CERT_CHECK	Trust Store Certificate Validation Successful on all nodes	INFO
6	VALIDATING_SYSTEM_CERT_CHECK	System Certificate Validation Successful on all nodes	INFO
7	VALIDATING_DISK_SPACE_CHECK	Disk Space Check Successful on all nodes	INFO
8	VALIDATING_NTP_CHECK	NTP Reachability and Time Source Check Successful on all nodes	INFO
9	VALIDATING_LOAD_AVERAGE_CHECK	Load Average Check Successful on all nodes	INFO
10	VALIDATING_MDM_CHECK	MDM Validation Successful on all nodes	INFO
11	VALIDATING_LICENSE_CHECK	License Validation Successful on all nodes	INFO
12	VALIDATING_SERVICES_CHECK	Services or Process Failures Successful on all nodes	INFO
13	VALIDATING_IO_BANDWIDTH_CHECK	I/O Bandwidth Performance Check Successful on all nodes	INFO

Upgrade Readiness Status

S.No	Validation	Response	Status
1	System software update mode (online/offline)	System software update mode is online (Cisco Connected DNA Cloud)	INFO
2	Catalog server settings	Catalog server setting is https://www.ciscoconnectdna.com:443	INFO
3	Catalog server repository settings	Catalog server repository is cisco-234x	INFO
4	Catalog override default repository settings	Catalog override default repository settings is set to True. Changes made to the default server repository settings could result in issues	INFO
5	Catalog server connectivity status	Catalog server https://www.ciscoconnectdna.com:443 is reachable	INFO
6	HTTP proxy configuration settings	Validation is not applicable for your Cisco DNA Center configuration	INFO
7	HTTP proxy reachability status	Validation is not applicable for your Cisco DNA Center configuration	INFO
8	Backup status (backup success < than 1 week)	No backup(s) found. Perform a system backup. Backing up your data is essential in securing your data from being lost or destroyed. Go to Setting-->Backup &	WARNING

S.No	Validation	Response	Status
		Restore	
9	Service(s) - Operational status	All system services are operational	INFO
10	Service(s) - Restarts count status	Critical service(s) with high restart count: ["cassandra", "zookeeper"]	INFO
11	Pods - Operational status	All system pods are operational	INFO
12	Disk storage available - root directory	Root directory / has sufficient disk space	INFO
13	Disk storage available - data directory	Data directory /data has sufficient disk space	INFO
14	Exited pod(s) count	Exited pod(s) count is 58	INFO
15	System certificate status	System Certificate with serial number 6dc1a02194c0bc314d0019739080fb3a0ae85f19 is OK	INFO
16	Authentication and Policy servers configuration and status	AAA server 10.42.136.106 is in ACTIVE state AAA server 10.42.3.106 is in ACTIVE state ISE server 10.42.136.96 is in ACTIVE state	INFO