

cnAAA Serviceability Diagnostics

• cnAAA Serviceability Diagnostics, on page 1

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Displays the system diagnostics status for the description type.

Command Modes

Exec

Syntax Description

all

Specify to display the system diagnostic status as all

Must be a string.

cdl

Specify to display the system diagnostic status as cdl.

Must be a string.

db

Specify to display the system diagnostic status as db.

Must be a string.

splunk

Specify to display the system diagnostic status as splunk.

Must be a string.

alert

Specify to display the system diagnostic status as alert.

Must be a string.

Usage Guidelines

Use this command to display the diagnostic status.

cpc-system cnaaa-diagnostics

Use this command to perform consolidated health diagnostics for the cnAAA environment.

Command Modes: Exec

Syntax Description:

```
cpc-system cnaaa-diagnostics { all | node-status | pod-status | service-port | active-alerts
 | engine-health | radius-health | geo-sync-status | replica-set | pvc-pv-status |
radius-lbs-status }
```

`all`: Generates a comprehensive health report of the cnAAA environment.

`node-status`: Reports readiness status of all Kubernetes nodes.

`pod-status`: Verifies health of pods across PCF, CEE, and LBS namespaces.

`service-port`: Validates TCP reachability for all service endpoints.

`active-alerts`: Retrieves currently active alerts from the monitoring subsystem.

`engine-health`: Executes in-pod health checks for Engine pods.

`radius-health`: Executes in-pod health checks for Radius pods.

`geo-sync-status`: Checks geo-sync status between two sites (if GR is enabled).

`replica-set`: Retrieves MongoDB replica-set health.

`pvc-pv-status`: Reports the status of PVCs and PVs.

`radius-lbs-status`: Validates LBS configuration and runs EMP, LB, CRD, ETCD-key, and iptables checks.